

Veröffentlichungen

des Helmholtz-Zentrums für Umweltforschung GmbH – UFZ

Forschen für die Umwelt

Vorbemerkung

Das vorliegende Veröffentlichungsverzeichnis umfasst die im Jahre 2014 erschienenen Publikationen, die von Mitarbeitern der Helmholtz-Zentrum für Umweltforschung GmbH - UFZ verfasst, mitverfasst oder herausgegeben wurden.

Redaktionsschluss für diese Publikationsliste war der 10. März 2015.

Im Unterschied zu externen Autoren sind UFZ Angehörige bei allen Publikationen durch **fette Schrift** hervorgehoben.

Das anschließende alphabetische Register verzeichnet alle UFZ Autoren mit den jeweiligen laufenden Nummern ihrer Publikationen.

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Artikel in ISI und SCOPUS gelisteten Zeitschriften

1. Abid, K., Ammar, F.H., **Weise, S.**, Zouari, K., Chkir, N., Rozanski, K., **Osenbrück, K.** (2014): Geochemistry and residence time estimation of groundwater from Miocene–Pliocene and Upper Cretaceous aquifers of Southern Tunisia
Quat. Int. **338**, 59 - 70
2. Adam, I.K.U., Rein, A., **Miltner, A.**, **Fulgêncio, A.C.D.**, Trapp, S., **Kästner, M.** (2014): Experimental results and integrated modelling of bacterial growth on insoluble hydrophobic substrate (phenanthrene)
Environ. Sci. Technol. **48** (15), 8717 - 8726
3. Ahumada-Santos, Y.P., Báez-Flores, M.E., Díaz-Camacho, S.P., Uribe-Beltrán, M.J., López-Angulo, G., Vega-Aviña, R., Chávez-Duran, F.A., Montes-Avila, J., Carranza-Díaz, O., **Möder, M.**, **Kuschk, P.**, Delgado-Vargas, F. (2014): Spatiotemporal distribution of the bacterial contamination of agricultural and domestic wastewater discharged to a drainage ditch (Sinaloa, Mexico). Distribución espaciotemporal de la contaminación bacteriana del agua residual agrícola y doméstica descargada a un canal de drenaje (Sinaloa, México)
Ceinc. Mar. **40** (4), 277 - 289
4. **Aicher, C.** (2014): Discourse practices in environmental governance: social and ecological safeguards of REDD
Biodivers. Conserv. **23** (14), 3543 - 3560
5. **Akter, S.**, Grafton, R.Q., Merritt, W.S. (2014): Integrated hydro-ecological and economic modeling of environmental flows: Macquarie Marshes, Australia
Agric. Water Manage. **145**, 98 - 109
6. Alalouni, U., Brandl, R., **Auge, H.**, **Schädler, M.** (2014): Does insect herbivory on oak depend on the diversity of tree stands?
Basic Appl. Ecol. **15** (8), 685 - 692
7. Alalouni, U., Lobinger, G., **Schädler, M.**, Brandl, R. (2014): Natural enemies of the gypsy moth (Lepidoptera: Lymantriidae) at low population density
Entomol. Gen. **35** (2), 117 - 127
8. **Albert, C.**, Aronson, J., Fürst, C., Opdam, P. (2014): Integrating ecosystem services in landscape planning: requirements, approaches, and impacts
Landsc. Ecol. **29** (8), 1277 - 1285

9. **Albert, C., Hauck, J., Buhr, N., von Haaren, C.** (2014):
What ecosystem services information do users want? Investigating interests and requirements among landscape and regional planners in Germany
Landsc. Ecol. **29** (8), 1301 - 1313
10. **Alexandrescu, F., Bleicher, A., Weiss, V.** (2014):
Transdisciplinarity in practice: the emergence and resolution of dissonances in collaborative research on brownfield regeneration
Interdiscip. Sci. Rev. **39** (4), 307 - 322
11. **Alexandrescu, F., Martinát, S., Klusáček, P., Bartke, S.** (2014):
The path from passivity toward entrepreneurship: public sector actors in brownfield regeneration processes in Central and Eastern Europe
Organ. Environ. **27** (2), 181 - 201
12. **Altdorff, D., Dietrich, P.** (2014):
Delineation of areas with different temporal behavior of soil properties at a landslide affected Alpine hillside using time-lapse electromagnetic data
Environ. Earth Sci. **72** (5), 1357 - 1366
13. Andresen, E., Kroenlein, S., **Mattusch, J.**, Wellenreuther, G., **Arroyo Abad, U.**, **Stärk, H.-J.**, Thomas, G., Küpper, H. (2014):
Toxicity and detoxification of cadmium in the aquatic macrophyte *Ceratophyllum demersum*
J. Biol. Inorg. Chem. **19** (Suppl. 2), S774 - S774
14. Angay, O., Fleischmann, F., **Recht, S.**, **Herrmann, S.**, Matyssek, R., Oßwald, W., **Buscot, F.**, Grams, T.E.E. (2014):
Sweets for the foe – effects of nonstructural carbohydrates on the susceptibility of *Quercus robur* against *Phytophthora quercina*
New Phytol. **203** (4), 1282 - 1290
15. Arnold, C., Externbrink, F., **Hackermüller, J.**, **Reiche, K.** (2014):
CEM-Designer: Design of custom expression microarrays in the post-ENCODE era
J. Biotechnol. **189** , 154 - 156
16. Arnot, J.A., **Brown, T.N.**, Wania, F. (2014):
Estimating screening-level organic chemical half-lives in humans
Environ. Sci. Technol. **48** (1), 723 - 730

17. Aronson, M.F.J., La Sorte, F.A., Nilon, C.H., Katti, M., Goddard, M.A., Lepczyk, C.A., Warren, P.S., Williams, N.S.G., Cilliers, S., Clarkson, B., Dobbs, C., Dolan, R., Hedblom, M., **Klotz, S.**, Kooijmans, J.L., **Kühn, I.**, MacGregor-Fors, I., McDonnell, M., Mörtberg, U., Pyšek, P., Siebert, S., Sushinsky, J., Werner, P., **Winter, M.** (2014):
A global analysis of the impacts of urbanization on bird and plant diversity reveals key anthropogenic drivers
Proc. R. Soc. B-Biol. Sci. **281** (1780), art. 20133330
18. **Arroyo-Abad, U.**, **Mattusch, J.**, **Reemtsma, T.**, Piechotta, C. (2014):
Arsenolipids in commercial canned cod liver: an occurrence and distribution study
Eur. J. Lipid Sci. Technol. **116** (10), 1381 - 1387
19. Attermeyer, K., Hornick, T., Kayler, Z.E., **Bahr, A.**, Zwirnmann, E., Grossart, H.-P., Premke, K. (2014):
Enhanced bacterial decomposition with increasing addition of autochthonous to allochthonous carbon without any effect on bacterial community composition
Biogeosciences **11** , 1479 - 1489
20. Augusiak, J., van den Brink, P.J., **Grimm, V.** (2014):
Merging validation and evaluation of ecological models to 'evaludation': a review of terminology and a practical approach
Ecol. Model. **280** , 117 - 128
21. Ávila, C., **Nivala, J.**, Olsson, L., Kassa, K., **Headley, T.**, **Mueller, R.A.**, Bayona, J.M., García, J. (2014):
Emerging organic contaminants in vertical subsurface flow constructed wetlands:
Influence of media size, loading frequency and use of active aeration
Sci. Total Environ. **494-495** , 211 - 217
22. **Ayllón, D.**, Nicola, G.G., Parra, I., Elvira, B., Almodóvar, A. (2014):
Spatio-temporal habitat selection shifts in brown trout populations under contrasting natural flow regimes
Ecohydrology **7** (2), 569 - 579
23. Bacelar, F.S., **Calabrese, J.M.**, Hernández-García, E. (2014):
Exploring the tug of war between positive and negative interactions among savanna trees:
Competition, dispersal, and protection from fire
Ecol. Complex. **17** , 140 - 148
24. **Bahlmann, A. A.**, **Brack, W.**, Schneider, R.J., **Krauss, M.** (2014):
Carbamazepine and its metabolites in wastewater: Analytical pitfalls and occurrence in Germany and Portugal
Water Res. **57** , 104 - 114

25. Ballhorn, D.J., Godschalx, A.L., Smart, S.M., Kautz, S., **Schädler, M.** (2014):
Chemical defense lowers plant competitiveness
Oecologia **176** (3), 811 - 824
26. **Banitz, T., Johst, K., Wick, L.Y., Schamfuß, S., Harms, H., Frank, K.** (2014):
Corrigendum: Highways versus pipelines: contributions of two fungal transport mechanisms to efficient bioremediation (vol 5, pg 211, 2013)
Environ. Microbiol. Rep. **6** (4), 414 - 414
27. **Banzhaf, E., de la Barrera, F.J., Kindler, A., Reyes-Paecke, S., Schlink, U., Welz, J., Kabisch, S.** (2014):
A conceptual framework for integrated analysis of environmental quality and quality of life
Ecol. Indic. **45** , 664 - 668
28. Barton, D.N., Rusch, G.M., **Ring, I.**, Emerton, L., **Droste, N.** (2014):
Environmental and conservation policies – The POLICYMIX project and final conference
Environmental Policy and Law **44** (4), 368 - 371
29. Bartsch, S., Frei, S., Ruidisch, M., Shope, C.L., Peiffer, S., Kim, B., **Fleckenstein, J.H.** (2014):
River-aquifer exchange fluxes under monsoonal climate conditions
J. Hydrol. **509** , 601 - 614
30. **Baskyr, I., Weiner, B., Riedel, G., Poerschmann, J., Kopinke, F.-D.** (2014):
Wet oxidation of char–water-slurries from hydrothermal carbonization of paper and brewer's spent grains
Fuel Process. Technol. **128** , 425 - 431
31. Bastida, F., **Jehmlich, N.**, Ondoño, S., **von Bergen, M.**, García, C., Moreno, J.L. (2014):
Characterization of the microbial community in biological soil crusts dominated by *Fulgensia desertorum* (Tomin) Poelt and *Squamaria cartilaginea* (With.) P. James and in the underlying soil
Soil Biol. Biochem. **76** , 70 - 79
32. **Baumann, S.**, Gergs, U., Schulz, N., Thiery, J., Neumann, J. (2014):
Magnetic bead-based proteome profiling using MALDI-TOF spectrometry in cardiac tissue from transgenic mice
Curr. Proteomics **11** (4), 229 - 236
33. Beamud, S.G., **Karrasch, B.**, Pedrozo, F.L., Diaz, M.M. (2014):
Utilisation of organic compounds by osmotrophic algae in an acidic lake of Patagonia (Argentina)
Limnology **15** (2), 163 - 172

34. Becher, M.A., **Grimm, V.**, Thorbek, P., **Horn, J.**, Kennedy, P.J., Osborne, J.L. (2014): BEEHAVE: a systems model of honeybee colony dynamics and foraging to explore multifactorial causes of colony failure
J. Appl. Ecol. **51** (2), 470 - 482
35. Bechmann, M., **Schneider, C.**, Carminati, A., **Vetterlein, D.**, **Attinger, S.**, Hildebrandt, A. (2014): Effect of parameter choice in root water uptake models – the arrangement of root hydraulic properties within the root architecture affects dynamics and efficiency of root water uptake
Hydrol. Earth Syst. Sci. **18** (10), 4189 - 4206
36. **Beck, S.**, Borie, M., Chilvers, J., **Esguerra, A.**, **Heubach, K.**, Hulme, M., Lidskog, R., Lövbrand, E., **Marquard, E.**, **Miller, C.**, Nadim, T., **Neßhöver, C.**, **Settele, J.**, Turnhout, E., Vasileiadou, E., **Görg, C.** (2014): Towards a reflexive turn in the governance of global environmental expertise. The cases of the IPCC and the IPBES
GAIA **23** (2), 80 - 87
37. **Beckmann, M.**, Bruelheide, H., Erfmeier, A. (2014): Local performance of six clonal alien species differs between native and invasive regions in Germany and New Zealand
Austral Ecol. **39** (4), 378 - 387
38. **Beckmann, M.**, Václavík, T., Manceur, A.M., Šprtová, L., von Wehrden, H., Welk, E., **Cord, A.F.** (2014): glUV: a global UV-B radiation data set for macroecological studies
Methods Ecol. Evol. **5** (4), 372 - 383
39. Bedulina, D.S., Takhteev, V.V., Pogrebnyak, S.G., Govorukhina, E.B., Madyarova, E.V., Lubyaga, Y.A., Vereshchagina, K.P., Timofeyev, M.A., **Luckenbach, T.** (2014): On *Eulimnogammarus messerschmidtii*, sp. n. (Amphipoda: Gammaridea) from Lake Baikal, Siberia, with redescription of *E. cyanoides* (Sowinsky) and remarks on taxonomy of the genus *Eulimnogammarus*
Zootaxa **3838** (5), 518 - 544
40. Bernt, M., **Haase, A.**, **Großmann, K.**, Cocks, M., Couch, C., Cortese, C., Krzysztofik, R. (2014): How does(n't) urban shrinkage get onto the agenda? Experiences from Leipzig, Liverpool, Genoa and Bytom
Int. J. Urban Reg. Res. **38** (5), 1749 - 1766

41. **Bienau, M.J.**, Hattermann, D., Kröncke, M., Kretz, L., Otte, A., Eiserhardt, W.L., Milbau, A., Graae, B.J., **Durka, W.**, Eckstein, R.L. (2014):
Snow cover consistently affects growth and reproduction of *Empetrum hermaphroditum* across latitudinal and local climatic gradients
Alp. Bot. **124** (2), 115 - 129
42. **Bilke, L.**, **Fischer, T.**, **Helbig, C.**, Krawczyk, C., **Nagel, T.**, **Naumov, D.**, **Paulick, S.**, **Rink, K.**, **Sachse, A.**, **Schelenz, S.**, **Walther, M.**, **Watanabe, N.**, Zehner, B., Ziesch, J., **Kolditz, O.** (2014):
TESSIN VISLab—laboratory for scientific visualization
Environ. Earth Sci. **72** (10), 3881 - 3899
43. Birmili, W., Rückerl, R., Hoffmann, B., Weinmayr, G., Schins, R., Kuhlbusch, T., Vogel, A., Weber, K., **Franck, U.**, Cyrys, J., Peters, A. (2014):
Ultrafeine Aerosolpartikel in der Außenluft: Perspektiven zur Aufklärung ihrer Gesundheitseffekte. Ultrafine aerosol particles in ambient air: Perspectives to elucidate their health effects
Gefahrst. Reinhalt. Luft **74** (11/12), 492 - 500
44. **Bittermann, K.**, **Spycher, S.**, **Endo, S.**, Pohler, L., Huniar, U., **Goss, K.-U.**, Klamt, A. (2014):
Prediction of phospholipid–water partition coefficients of ionic organic chemicals using the mechanistic model COSMOmic
J. Phys. Chem. B **118** (51), 14833 - 14842
45. Blackburn, T.M., Essl, F., Evans, T., Hulme, P.E., Jeschke, J.M., **Kühn, I.**, Kumschick, S., Marková, Z., Mrugała, A., Nentwig, W., Pergl, J., Pyšek, P., Rabitsch, W., Ricciardi, A., Richardson, D.M., **Sendek, A.**, Vilà, M., Wilson, J.R.U., Winter, M., Genovesi, P., Bacher, S. (2014):
A unified classification of alien species based on the magnitude of their environmental impacts
PLoS Biol. **12** (5), e1001850
46. Bloem, E., Hermon, K.M., **de Rooij, G.H.**, Stagnitti, F. (2014):
Spatial and temporal distribution of the leaching of surface applied tracers from an irrigated monolith of a loamy vineyard soil
Environ. Sci. Pollut. Res. **21** (15), 8981 - 8991
47. **Bocaniov, S.A.**, Smith, R.E.H., Spillman, C.M., Hipsey, M.R., Leon, L.F. (2014):
The nearshore shunt and the decline of the phytoplankton spring bloom in the Laurentian Great Lakes: insights from a three-dimensional lake model
Hydrobiologia **731** (1), 151 - 172

48. **Bocaniov, S.A., Ullmann, C., Rinke, K., Lamb, K.G., Boehrer, B.** (2014):
Internal waves and mixing in a stratified reservoir: insights from three-dimensional modeling
Limnologica **49**, 52 - 67
49. Bocedi, G., Palmer, S.C.F., **Pe'er, G.**, Heikkinen, R.K., Matsinos, Y.G., Watts, K., Travis, J.M.J. (2014):
RangeShifter: a platform for modeling spatial eco-evolutionary dynamics and species' responses to environmental changes
Methods Ecol. Evol. **5** (4), 388 - 396
50. **Boehrer, B., Kiwel, U., Rahn, K., Schultze, M.** (2014):
Chemocline erosion and its conservation by freshwater introduction to meromictic salt lakes
Limnologica **44**, 81 - 89
51. **Boettger, T., Haupt, M., Friedrich, M., Waterhouse, J.S.** (2014):
Reduced climate sensitivity of carbon, oxygen and hydrogen stable isotope ratios in tree-ring cellulose of silver fir (*Abies alba* Mill.) influenced by background SO₂ in Franconia (Germany, Central Europe)
Environ. Pollut. **185**, 281 - 294
52. **Böhme, S., Stärk, H.-J., Meißner, T., Springer, A., Reemtsma, T., Kühnel, D., Busch, W.** (2014):
Quantification of Al₂O₃ nanoparticles in human cell lines applying inductively coupled plasma mass spectrometry (neb-ICP-MS, LA-ICP-MS) and flow cytometry-based methods
J. Nanopart. Res. **16**, 2592
53. **Bohn, F., Frank, K., Huth, A.** (2014):
Of climate and its resulting tree growth: Simulating the productivity of temperate forests
Ecol. Model. **278**, 9 - 17
54. Boll, T., von Haaren, C., **Albert, C.** (2014):
How do urban dwellers react to potential landscape changes in recreation areas? A case study with particular focus on the introduction of dendromass in the Hamburg Metropolitan Region
iForest **7**, 423 - 433
55. Bonumá, N.B., Rossi, C.G., Arnold, J.G., Reichert, J.M., Minella, J.P., Allen, P.M., **Volk, M.** (2014):
Simulating landscape sediment transport capacity by using a modified SWAT model
J. Environ. Qual. **43** (1), 55 - 66

56. **Boog, J., Nivala, J., Aubron, T.**, Wallace, S., **van Afferden, M., Müller, R.A.** (2014):
Hydraulic characterization and optimization of total nitrogen removal in an aerated
vertical subsurface flow treatment wetland
Bioresour. Technol. **162**, 166 - 174
57. Borie, M., Mathevet, R., Letourneau, A., **Ring, I.**, Thompson, J.D., Marty, P. (2014):
Exploring the contribution of fiscal transfers to protected area policy
Ecol. Soc. **19** (1), Art. 9
58. **Borsdorf, H.** (2014):
Book review: "G. A. Eiceman, Z. Karpas and H. H. Hill, Jr.: Ion mobility spectrometry,
3rd ed."
Anal. Bioanal. Chem. **406** (11), 2493 - 2494
59. Bosch, J., Lee, K.-Y., Hong, S.-F., **Harnisch, F.**, Schröder, U., Meckenstock, R.U.
(2014):
Metabolic efficiency of *Geobacter sulfurreducens* growing on anodes with different
redox potentials
Curr. Microbiol. **68** (6), 763 - 768
60. **Bozinovski, D., Taubert, M., Kleinsteuber, S., Richnow, H.-H., von Bergen, M.,
Vogt, C., Seifert, J.** (2014):
Metaproteogenomic analysis of a sulfate-reducing enrichment culture reveals
genomic organization of key enzymes in the *m*-xylene degradation pathway and
metabolic activity of proteobacteria
Syst. Appl. Microbiol. **37** (7), 488 - 501
61. **Bräuer, K.**, Kämpf, H., **Strauch, G.** (2014):
Seismically triggered anomalies in the isotope signatures of mantle-derived gases
detected at degassing sites along two neighboring faults in NW Bohemia, central Europe
J. Geophys. Res.-Solid Earth **119** (7), 5613 - 5632
62. **Breulmann, M.**, Masyutenko, N.P., Kogut, B.M., Schroll, R., Dörfler, U., **Buscot, F.**,
Schulz, E. (2014):
Short-term bioavailability of carbon in soil organic matter fractions of different particle
sizes and densities in grassland ecosystems
Sci. Total Environ. **497-498**, 29 - 37
63. Brigode, P., Bernardara, P., Paquet, E., Gailhard, J., Garavaglia, F., **Merz, R.**, Mićović,
Z., Lawrence, D., Ribstein, P. (2014):
Sensitivity analysis of SCHADEX extreme flood estimations to observed
hydrometeorological variability
Water Resour. Res. **50** (1), 353 - 370

64. Brinkmann, M., Maletz, S., **Krauss, M.**, Bluhm, K., Schiwy, S., Kuckelkorn, J., Tiehm, A., **Brack, W.**, Hollert, H. (2014):
Heterocyclic aromatic hydrocarbons show estrogenic activity upon metabolism in a recombinant transactivation assay
Environ. Sci. Technol. **48** (10), 5892 - 5901
65. Brosinsky, A., **Lausch, A.**, Doktor, D., Salbach, C., Merbach, I., Gwillym-Margianto, S., Pause, M. (2014):
Analysis of spectral vegetation signal characteristics as a function of soil moisture conditions using hyperspectral remote sensing
J. Indian Soc. Remote Sens. **42** (2), 311 - 324
66. Brown, R.K., **Harnisch, F.**, Wirth, S., Wahlandt, H., Dockhorn, T., Dichtl, N., Schröder, U. (2014):
Evaluating the effects of scaling up on the performance of bioelectrochemical systems using a technical scale microbial electrolysis cell
Bioresour. Technol. **163** , 206 - 213
67. **Brown, T.N.** (2014):
Predicting hexadecane-air equilibrium partition coefficients (L) using a group contribution approach constructed from high quality data
SAR QSAR Environ. Res. **25** (1), 51 - 71
68. **Brox, S., Ritter, A.P., Küster, E., Reemtsma, T.** (2014):
A quantitative HPLC-MS/MS method for studying internal concentrations and toxicokinetics of 34 polar analytes in zebrafish (*Danio rerio*) embryos
Anal. Bioanal. Chem. **406** (20), 4831 - 4840
69. **Brox, S., Ritter, A.P., Küster, E., Reemtsma, T.** (2014):
Influence of the perivitelline space on the quantification of internal concentrations of chemicals in eggs of zebrafish embryos (*Danio rerio*)
Aquat. Toxicol. **157** , 134 - 140
70. Bruelheide, H., Nadrowski, K., Assmann, T., Bauhus, J., Both, S., **Buscot, F.**, Chen, X.-Y., Ding, B.Y., **Durka, W.**, Erfmeier, A., **Gutknecht, J.L.M.**, Guo, D.L., Guo, L.-D., Härdtle, W., He, J.-S., Klein, A.-M., Kühn, P., Liang, Y., Liu, X.J., **Michalski, S.**, Niklaus, P.A., Pei, K.Q., Scherer-Lorenzen, M., Scholten, T., Schuldt, A., Seidler, G., Trogisch, S., von Oheimb, G., Welk, E., Wirth, C., **Wubet, T.**, Yang, X.F., Yu, M.J., Zhang, S.R., Zhou, H.Z., Fischer, M., Ma, K.P., Schmid, B. (2014):
Designing forest biodiversity experiments: general considerations illustrated by a new large experiment in subtropical China
Methods Ecol. Evol. **5** (1), 74 - 89

71. Bruggeman, D.J., **Wiegand, T.**, Walters, J.R., González Taboada, F. (2014): Contrasting the ability of data to make inferences regarding dispersal: case study of the Red-cockaded woodpecker (*Picoides borealis*)
Landscape Ecol. **29** (4), 639 - 653
72. Brüske, I., Standl, M., Weidinger, S., Klümper, C., Hoffmann, B., Schaaf, B., **Herbarth, O., Lehmann, I.**, von Berg, A., Berdel, D., Bauer, C.P., Koletzko, S., Heinrich, J. (2014): Epidemiology of urticaria in infants and young children in Germany – Results from the German LISAplus and GINIplus Birth Cohort Studies
Pediatr. Allergy Immunol. **25** (1), 36 - 42
73. **Bühligen, F.**, Lindner, P., **Fetzer, I.**, Stahl, F., Scheper, T., **Harms, H.**, Müller, S. (2014): Analysis of aging in lager brewing yeast during serial repitching
J. Biotechnol. **187** , 60 - 70
74. **Bunzel, K., Kattwinkel, M., Schauf, M., Thrän, D.** (2014): Energy crops and pesticide contamination: Lessons learnt from the development of energy crop cultivation in Germany
Biomass Bioenerg. **70** , 416 - 428
75. **Bunzel, K., Liess, M., Kattwinkel, M.** (2014): Landscape parameters driving aquatic pesticide exposure and effects
Environ. Pollut. **186** , 90 - 97
76. Busquet, F., Strecker, R., Rawlings, J.M., Belanger, S.E., Braunbeck, T., Carr, G.J., Cenijn, P., Fochtman, P., Gourmelon, A., Hübler, N., Kleensang, A., **Knöbel, M.**, Kussatz, C., Legler, J., Lillicrap, A., Martínez-Jerónimo, F., Polleichtner, C., Rzodeczko, H., Salinas, E., Schneider, K.E., **Scholz, S.**, van den Brandhof, E.-J., van der Ven, L.T.M., Walter-Rohde, S., Weigt, S., Witters, H., Halder, M. (2014): OECD validation study to assess intra- and inter-laboratory reproducibility of the zebrafish embryo toxicity test for acute aquatic toxicity testing
Regul. Toxicol. Pharmacol. **69** (3), 496 - 511
77. **Büttner, O., Schulz, M., Rode, M.** (2014): A new semi-quantitative tracer approach for the validation of a two-dimensional sediment transport model
J. Great Lakes Res. **40** (Suppl. 3), 8 - 18
78. Cailleau, G., Mota, M., **Bindschedler, S.**, Junier, P., Verrecchia, E.P. (2014): Detection of active oxalate–carbonate pathway ecosystems in the Amazon Basin: Global implications of a natural potential C sink
Catena **116** , 132 - 141

79. **Campos, B., Altenburger, R., Gómez, C., Lacorte, S., Piña, B., Barata, C., Luckenbach, T.** (2014):
First evidence for toxic defense based on the multixenobiotic resistance (MXR) mechanism in *Daphnia magna*
Aquat. Toxicol. **148**, 139 - 151
80. **Carranza-Diaz, O., Schultze-Nobre, L., Moeder, M., Nivala, J., Kuschk, P., Koeser, H.** (2014):
Removal of selected organic micropollutants in planted and unplanted pilot-scale horizontal flow constructed wetlands under conditions of high organic load
Ecol. Eng. **71**, 234 - 245
81. Cassiani, G., Binley, A., Kemna, A., Wehrer, M., Flores Orozco, A., Deiana, R., Boaga, J., Rossi, M., **Dietrich, P., Werban, U., Zschornack, L., Godio, A., JafarGandomi, A., Deidda, G.P.** (2014):
Noninvasive characterization of the Trecate (Italy) crude-oil contaminated site: links between contamination and geophysical signals
Environ. Sci. Pollut. Res. **21** (15), 8914 - 8931
82. Castillo, O.S., Zaragoza, E.M., Alvarado, C.J., Barrera, M.G., **Dasgupta-Schubert, N.** (2014):
Using the conservative nature of fresh leaf surface density to measure foliar area
International Agrophysics **28** (4), 413 - 421
83. Catalán, N., von Schiller, D., Marcé, R., **Koschorreck, M.**, Gomez-Gener, L., Obrador, B. (2014):
Carbon dioxide efflux during the flooding phase of temporary ponds. Flujos de dióxido de carbono durante la fase de inundación de estanques temporales
Limnetica **33** (2), 349 - 360
84. Cavalcanti, M.M., Borges, W.R., **Stollberg, R.**, Rocha, M.P., da Cunha, L.S., Seimetz, E.X., Nogueira, P.V., de Olivera e Sousa, F.R.F.R. (2014):
Levantamento geofísico (Eletrorresistividade) nos limites do aterro controlado do Jokey Clube, Vila Estrutural, Brasília - DF
Geociencias **33** (2), 298 - 313
85. Cerro, I., Antigüedad, I., Srinivasan, R., Sauvage, S., **Volk, M.**, Sanchez-Perez, J.M. (2014):
Simulating land management options to reduce nitrate pollution in an agricultural watershed dominated by an alluvial aquifer
J. Environ. Qual. **43** (1), 67 - 74

86. Chen, Y., Geurts, M., Sjollema, S.B., Kramer, N.I., Hermens, J.L.M., **Droge, S.T.J.** (2014):
Acute toxicity of the cationic surfactant C12-benzalkonium in different bioassays: How test design affects bioavailability and effect concentrations
Environ. Toxicol. Chem. **33** (3), 606 - 615
87. Chen, Z., **Kuschk, P., Paschke, H., Kästner, M., Müller, J.A.**, Köser, H. (2014):
Treatment of a sulfate-rich groundwater contaminated with perchloroethene in a hydroponic plant root mat filter and a horizontal subsurface flow constructed wetland at pilot-scale
Chemosphere **117** , 178 - 184
88. Cheng, Y., **Wang, W.**, Peng, M., Zhang, Z. (2014):
Mathematical aspects of meshless methods
Math. Probl. Eng. **20** , art. 756297
89. Chernen'kova, T.V., Bochkarev, N., Friedrich, M., **Boettger, T.** (2014):
The impact of natural and anthropogenic factors on radial tree growth on the northern Kola Peninsula
Contemp. Probl. Ecol. **7** (7), 759 - 769
90. Chiang, L.-C., Lin, Y.-P., Huang, T., **Schmeller, D.S.**, Verburg, P.H., Liu, Y.-L., Ding, T.-S. (2014):
Simulation of ecosystem service responses to multiple disturbances from an earthquake and several typhoons
Landsc. Urban Plan. **122** , 41 - 55
91. Chifflard, P., **Karthe, D.** (2014):
Water in research and practice
Erdkunde **68** (1), 1 - 2
92. Churakova, O.V., Bryukhanova, M.V., Saurer, M., **Boettger, T.**, Naurzbaev, M.M., Myglan, V.S., Vaganov, E.A., Hughes, M.K., Siegwolf, R.T.W. (2014):
A cluster of stratospheric volcanic eruptions in the AD 530s recorded in Siberian tree rings
Glob. Planet. Change **122** , 140 - 150
93. Cipriotti, P.A., Aguiar, M.R., **Wiegand, T.**, Paruelo, J.M. (2014):
A complex network of interactions controls coexistence and relative abundances in Patagonian grass-shrub steppes
J. Ecol. **102** (3), 776 - 788

94. Colman Lerner, J.E., **Kohajda, T.**, Aguilar, M.E., Massolo, L.A., Sánchez, E.Y., Porta, A.A., Opitz, P., Wichmann, G., Herbarth, O., **Mueller, A.** (2014): Improvement of health risk factors after reduction of VOC concentrations in industrial and urban areas
Environ. Sci. Pollut. Res. **21** (16), 9676 - 9688
95. **Cord, A.F.**, Klein, D., Gernandt, D.S., Pérez de la Rosa, J.A., Dechert, S. (2014): Remote sensing data can reduce the overestimation of species richness by stacked species distribution models: a case study for Mexican pines
J. Biogeogr. **41** (4), 736 - 748
96. **Cord, A.F.**, Klein, D., Mora, F., Dech, S. (2014): Comparing the suitability of classified land cover data and remote sensing variables for modeling distribution patterns of plants
Ecol. Model. **272** , 129 - 140
97. Cornuau, J.H., **Schmeller, D.S.**, Pigeault, R., **Loyau, A.** (2014): Resistance of morphological and behavioral sexual traits of the palmate newt (*Lissotriton helveticus*) to bacterial lipopolysaccharide treatment
Amphib. Reptil. **35** (1), 63 - 71
98. Cornuau, J.H., **Schmeller, D.S.**, Pigeault, R., Sibeaux, A., Tourat, A., **Loyau, A.** (2014): Information-content of morphological and behavioural sexual traits in the Palmate newt (*Lissotriton helveticus*)
Behav. Processes **108** , 36 - 42
99. **Cortés-Avizanda, A.**, Jovani, R., Donázar, J.A., **Grimm, V.** (2014): Bird sky networks: How do avian scavengers use social information to find carrion?
Ecology **95** (7), 1799 - 1808
100. Cortese, C., **Haase, A.**, **Grossmann, K.**, Ticha, I. (2014): Governing social cohesion in shrinking cities: the cases of Ostrava, Genoa and Leipzig
Eur. Plan. Stud. **22** (10), 2050 - 2066
101. Creutzig, F., Goldschmidt, J.C., **Lehmann, P.**, Schmid, E., von Blücher, F., Breyer, C., Fernandez, B., Jakob, M., Knopf, B., Lohrey, S., Susca, T., Wiegandt, K. (2014): Catching two European birds with one renewable stone: Mitigating climate change and Eurozone crisis by an energy transition
Renew. Sust. Energ. Rev. **38** , 1015 - 1028
102. Dainese, M., **Kühn, I.**, Bragazza, L. (2014): Alien plant species distribution in the European Alps: influence of species' climatic requirements
Biol. Invasions **16** (4), 815 - 831

103. **Daus, B., Wennrich, R.** (2014):
Investigation on stability and preservation of antimonite in iron rich water samples
Anal. Chim. Acta **847**, 44 - 48
104. de Amorim Borges, P., Barfus, K., **Weiss, H.**, Bernhofer, C. (2014):
Trend analysis and uncertainties of mean surface air temperature, precipitation and extreme indices in CMIP3 GCMs in Distrito Federal, Brazil
Environ. Earth Sci. **72** (12), 4817 - 4833
105. de Amorim Borges, P., Franke, J., do Santos Silva, F.D., **Weiss, H.**, Bernhofer, C. (2014):
Differences between two climatological periods (2001–2010 vs. 1971–2000) and trend analysis of temperature and precipitation in Central Brazil
Theor. Appl. Climatol. **116** (1-2), 191 - 202
106. **De Biase, C., Loechel, S., Putzmann, T., Bittens, M., Weiss, H., Daus, B.** (2014):
Volatile organic compounds effective diffusion coefficients and fluxes estimation through two types of construction material
Indoor Air **24** (3), 272 - 282
107. de Carvalho, C.C.C.R., Marques, M.P.C., **Hachicho, N., Heipieper, H.J.** (2014):
Rapid adaptation of *Rhodococcus erythropolis* cells to salt stress by synthesizing polyunsaturated fatty acids
Appl. Microbiol. Biotechnol. **98** (12), 5599 - 5606
108. **de Rooij, G.H.** (2014):
Is the groundwater reservoir linear? A mathematical analysis of two limiting cases
Hydrology and Earth System Sciences Discussions (HESSD) **11** (1), 93 - 108
109. Demuzere, M., Coutts, A.M., **Göhler, M.**, Broadbentb, A.M., Wouters, H., van Lipzig, N.P.M., Gerbet, L. (2014):
The implementation of biofiltration systems, rainwater tanks and urban irrigation in a single-layer urban canopy model
Urban Climate **10** (1), 148 - 170
110. Diez-Ercilla, M., Sánchez España, J., Yusta, I., **Wendt-Potthoff, K., Koschorreck, M.** (2014):
Formation of biogenic sulphides in the water column of an acidic pit lake: biogeochemical controls and effects on trace metal dynamics
Biogeochemistry **121** (3), 519 - 536
111. **Doktor, D., Lausch, A., Spengler, D., Thurner, M.** (2014):
Extraction of plant physiological status from hyperspectral signatures using machine learning methods
Remote Sensing **6** (12), 12247 - 12274

112. **Dolciotti, I., Foit, K., Herkelrath, A., Liess, M.** (2014):
Competition impedes the recovery of *Daphnia magna* from repeated insecticide pulses
Aquat. Toxicol. **147**, 26 - 31
113. Dombrowsky, I., **Hagemann, N.**, Houdret, A. (2014):
The river basin as a new scale for water governance in transition countries? A comparative study of Mongolia and Ukraine
Environ. Earth Sci. **72** (12), 4705 - 4726
114. **Dorer, C., Höhener, P., Hedwig, N., Richnow, H.-H., Vogt, C.** (2014):
Rayleigh-based concept to tackle strong hydrogen fractionation in dual isotope analysis — the example of ethylbenzene degradation by *Aromatoleum aromaticum*
Environ. Sci. Technol. **48** (10), 5788 - 5797
115. **Dorer, C., Vogt, C., Kleinstuber, S., Stams, A.J.M., Richnow, H.-H.** (2014):
Compound-specific isotope analysis as a tool to characterize biodegradation of ethylbenzene
Environ. Sci. Technol. **48** (16), 9122 - 9132
116. Dubbert, M., **Cuntz, M., Piayda, A.**, Werner, C. (2014):
Oxygen isotope signatures of transpired water vapor: the role of isotopic non-steady-state transpiration under natural conditions
New Phytol. **203** (4), 1242 - 1252
117. Dubbert, M., Mosena, A., **Piayda, A., Cuntz, M.**, Correia, A.C., Pereira, J.S., Werner, C. (2014):
Influence of tree cover on herbaceous layer development and carbon and water fluxes in a Portuguese cork-oak woodland
Acta Oecol. - Int. J. Ecol. **59**, 35 - 45
118. Dubbert, M., **Piayda, A., Cuntz, M.**, Correia, A.C., Costa e Silva, F., Pereira, J.S., Werner, C. (2014):
Stable oxygen isotope and flux partitioning demonstrates understory of an oak savanna contributes up to half of ecosystem carbon and water exchange
Front. Plant Sci. **5**, art. 530
119. Ebeling, A., Pompe, S., Baade, J., Eisenhauer, N., Hillebrand, H., Proulx, R., **Roscher, C.**, Schmid, B., Wirth, C., Weisser, W.W. (2014):
A trait-based experimental approach to understand the mechanisms underlying biodiversity–ecosystem functioning relationships
Basic Appl. Ecol. **15** (3), 229 - 240

120. Egorov, E., Prati, D., **Durka, W.**, Michalski, S., Fischer, M., Schmitt, B., Blaser, S., Brändle, M. (2014):
Does land-use intensification decrease plant phylogenetic diversity in local grasslands?
PLOS One **9** (7), e103252
121. Elsayed, O.F., Maillard, E., Vuilleumier, S., **Nijenhuis, I.**, Richnow, H.H., Imfeld, G. (2014):
Using compound-specific isotope analysis to assess the degradation of chloroacetanilide herbicides in lab-scale wetlands
Chemosphere **99**, 89 - 95
122. **Endo, S., Goss, K.-U.** (2014):
Predicting partition coefficients of polyfluorinated and organosilicon compounds using polyparameter linear free energy relationships (PP-LFERS)
Environ. Sci. Technol. **48** (5), 2776 - 2784
123. **Endo, S., Goss, K.-U.** (2014):
Applications of polyparameter linear free energy relationships in environmental chemistry
Environ. Sci. Technol. **48** (21), 12477 - 12491
124. Erdal, D., Neuweiler, I., **Wollschläger, U.** (2014):
Using a bias aware EnKF to account for unresolved structure in an unsaturated zone model
Water Resour. Res. **50** (1), 132 - 147
125. Escher, B.I., Allinson, M., **Altenburger, R.**, Bain, P.A., Balaguer, P., **Busch, W.**, Crago, J., Denslow, N.D., Dopp, E., Hilscherova, K., Humpage, A.R., Kumar, A., Grimaldi, M., Jayasinghe, B.S., Jarosova, B., Jia, A., Makarov, S., Maruya, K.A., Medvedev, A., Mehinto, A.C., Mendez, J.E., Poulsen, A., Prochazka, E., Richard, J., Schifferli, A., Schlenk, D., **Scholz, S.**, Shiraishi, F., Snyder, S., Su, G., Tang, J.Y.M., van der Burg, B., van der Linden, S.C., Werner, I., Westerheide, S.D., Wong, C.K.C., Yang, M., Yeung, B.H.Y., Zhang, X., Leusch, F.D.L. (2014):
Benchmarking organic micropollutants in wastewater, recycled water and drinking water with in vitro bioassays
Environ. Sci. Technol. **48** (3), 1940 - 1956
126. Evans, M.R., Benton, T.G., **Grimm, V.**, Lessells, C.M., O'Malley, M.A., Moustakas, A., Weisberg, M. (2014):
Data availability and model complexity, generality, and utility: a reply to Lonergan
Trends Ecol. Evol. **29** (6), 302 - 303
127. **Everaars, J., Frank, K., Huth, A.** (2014):
Species ecology and the impacts of bioenergy crops: an assessment approach with four example farmland bird species
GCB Bioenergy **6** (3), 252 - 264

128. Falck, W.E., **Spangenberg, J.H.** (2014):
Selection of social demand-based indicators: EO-based indicators for mining
J. Clean Prod. **84**, 193 - 203
129. Faust, M., **Vogs, C.**, Rotter, S., Wöltjen, J., Höllrigl-Rosta, A., Backhaus, T., **Altenburger, R.** (2014):
Comparative assessment of plant protection products: how many cases will regulatory authorities have to answer?
Environmental Sciences Europe **26**, art. 11
130. Federrath, C., **Schrön, M.**, Banerjee, R., Klessen, R.S. (2014):
Modeling jet and outflow feedback during star cluster formation
Astrophys. J. **790** (2), art. 128
131. **Fedriani, J.M., Wiegand, T.** (2014):
Hierarchical mechanisms of spatially contagious seed dispersal in complex seed-disperser networks
Ecology **95** (2), 514 - 526
132. Feiler, U., Ratte, M., Arts, G., Bazin, C., Brauer, F., Casado, C., Dören, L., Eklund, B., Gilberg, D., Grote, M., Gonsior, G., Hafner, C., Kopf, W., Lemnitzer, B., Liedtke, A., Matthias, U., Okos, E., Pandard, P., Scheerbaum, D., **Schmitt-Jansen, M.**, Stewart, K., Teodorovic, I., Wenzel, A., Pluta, H.-J. (2014):
Inter-laboratory trial of a standardized sediment contact test with the aquatic plant *Myriophyllum aquaticum* (ISO 16191)
Environ. Toxicol. Chem. **33** (3), 662 - 670
133. Feilhauer, H., Dahlke, C., **Doktor, D.**, Lausch, A., Schmidlein, S., **Schulz, G.**, Stenzel, S. (2014):
Mapping the local variability of Natura 2000 habitats with remote sensing
Appl. Veg. Sci. **17** (4), 765 - 779
134. Fenclová, D., Blahut, A., **Vrbka, P.**, Dohnal, V., Böhme, A. (2014):
Temperature dependence of limiting activity coefficients, Henry's law constants, and related infinite dilution properties of C4–C6 isomeric *n*-alkyl ethanoates/ethyl *n*-alkanoates in water. Measurement, critical compilation, correlation, and recommended data
Fluid Phase Equilib. **375**, 347 - 359
135. **Fester, T., Giebler, J., Wick, L.Y., Schlosser, D., Kästner, M.** (2014):
Plant–microbe interactions as drivers of ecosystem functions relevant for the biodegradation of organic contaminants
Curr. Opin. Biotechnol. **27**, 168 - 175

136. **Fester, T., Merbach, I., Schulz, E., Härtig, C.** (2014):
Metabolic response of *Medicago sativa* to severe nutrient imbalances and disturbances under field conditions
J. Plant Nutr. Soil Sci. **177** (2), 245 - 259
137. **Fetter, E., Krauss, M., Brion, F., Kah, O., Scholz, S., Brack, W.** (2014):
Effect-directed analysis for estrogenic compounds in a fluvial sediment sample using transgenic *cyp19a1b*-GFP zebrafish embryos
Aquat. Toxicol. **154**, 221 - 229
138. Fichtner, A., von Oheimb, G., Härdtle, W., **Wilken, C., Gutknecht, J.L.M.** (2014):
Effects of anthropogenic disturbances on soil microbial communities in oak forests persist for more than 100 years
Soil Biol. Biochem. **70**, 79 - 87
139. Fischer, C., **Roscher, C.**, Jensen, B., Eisenhauer, N., Baade, J., **Attinger, S.**, Scheu, S., Weisser, W.W., Schumacher, J., **Hildebrandt, A.** (2014):
How do earthworms, soil texture and plant composition affect infiltration along an experimental plant diversity gradient in grassland?
PLOS One **9** (6), e98987
140. **Fischer, R.**, Armstrong, A., Shugart, H.H., **Huth, A.** (2014):
Simulating the impacts of reduced rainfall on carbon stocks and net ecosystem exchange in a tropical forest
Environ. Modell. Softw. **52**, 200 - 206
141. Fischer, T., Horálek, J., Hrubcová, P., Vavryčuk, V., **Bräuer, K.**, Kämpf, H. (2014):
Intra-continental earthquake swarms in West-Bohemia and Vogtland: A review
Tectonophysics **611**, 1 - 27
142. **Francioli, D.**, Ascher, J., Ceccherini, M.T., Pietramellara, G. (2014):
Land use and seasonal effects on a Mediterranean soil bacterial community
J. Soil Sci. Plant Nutr. **14** (3), 710 - 722
143. **Franck, U.**, Klimeczek, H.-J., **Kindler, A.** (2014):
Social indicators are predictors of airborne outdoor exposures in Berlin
Ecol. Indic. **36**, 582 - 593
144. **Franck, U., Leitte, A.M.**, Suppan, P. (2014):
Multiple exposures to airborne pollutants and hospital admissions due to diseases of the circulatory system in Santiago de Chile
Sci. Total Environ. **468-469**, 746 - 756

145. **Franck, U., Weller, A., Röder, S.W., Herberth, G., Junge, K.M., Kohajda, T., von Bergen, M., Rolle-Kampczyk, U.**, Diez, U., Borte, M., **Lehmann, I.** (2014): Prenatal VOC exposure and redecoration are related to wheezing in early infancy
Environ. Int. **73**, 393 - 401
146. Franz, C., Makeschin, F., **Weiß, H.**, Lorz, C. (2014): Sediments in urban river basins: Identification of sediment sources within the Lago Paranoa catchment, Brasilia DF, Brazil - using the fingerprint approach
Sci. Total Environ. **466–467**, 513 - 523
147. **Franzén, M., Dieker, P.** (2014): The influence of terrain age and altitude on the arthropod communities found on recently deglaciated terrain
Curr. Zool. **60** (2), 203 - 220
148. **Frassl, M.A., Rothhaupt, K.-O., Rinke, K.** (2014): Algal internal nutrient stores feedback on vertical phosphorus distribution in large lakes
J. Gt. Lakes Res. **40** (Suppl. 3), 162 - 172
149. Frei, S., **Fleckenstein, J.H.** (2014): Representing effects of micro-topography on runoff generation and sub-surface flow patterns by using superficial rill/depression storage height variations
Environ. Modell. Softw. **52**, 5 - 18
150. French, H.K., **Kästner, M.**, van der Zee, S.E.A.T.M. (2014): New approaches for low-invasive contaminated site characterization, monitoring and modelling. Editorial
Environ. Sci. Pollut. Res. **21** (15), 8893 - 8896
151. Fric, Z., Dickinson, R., Fetouh, G., Larsen, T.B., Schön, W., **Wiemers, M.** (2014): First record of the cycad blue, *Chilades pandava*, in Egypt – a new invasive butterfly species in the Mediterranean region and on the African continent (Lepidoptera: Lycaenidae)
Afr. Entomol. **22** (2), 315 - 319
152. **Friese, K., Schultze, M., Boehrer, B., Büttner, O., Herzsprung, P., Koschorreck, M., Kuehn, B., Röncke, H., Tittel, J., Wendt-Pothoff, K., Wollschläger, U., Dietze, M., Rinke, K.** (2014): Ecological response of two hydro-morphological similar pre-dams to contrasting land-use in the Rappbode reservoir system (Germany)
Int. Rev. Hydrobiol. **99** (5), 335 - 349

153. Gabsi, F., Hammers-Wirtz, M., **Grimm, V.**, Schäffer, A., Preuss, T.G. (2014): Coupling different mechanistic effect models for capturing individual- and population-level effects of chemicals: Lessons from a case where standard risk assessment failed
Ecol. Model. **280** , 18 - 29
154. Gaddis, E.J.B., Voinov, A., **Seppelt, R.**, Rizzo, D.M. (2014): Spatial optimization of best management practices to attain water quality targets
Water Resour. Manag. **28** (6), 1485 - 1499
155. Gal, G., Hipsey, M., **Rinke, K.**, Robson, B. (2014): Novel approaches to address challenges in modelling aquatic ecosystems
Environ. Modell. Softw. **61** , 246 - 248
156. Gao, C., Shi, N.-N., Liu, Y.-X., Zheng, Y., Ding, Q., Mi, X.-C., Ma, K.-P., **Wubet, T.**, **Buscot, F.**, Guo, L.-D. (2014): Host plant richness explains diversity of ectomycorrhizal fungi: Response to the comment of Tedersoo *et al.* (2014)
Mol. Ecol. **23** (5), 996 - 999
157. Gao, C., Zhang, Y., Shi, N.-N., Zheng, Y., Chen, L., **Wubet, T.**, Bruelheide, H., **Both, S.**, **Buscot, F.**, Ding, Q., Erfmeier, A., Kühn, P., Nadrowski, K., Scholten, T., Guo, L.-D. (2014): Community assembly of ectomycorrhizal fungi along a subtropical secondary forest succession
New Phytol. **205** (2), 771 - 785
158. **Gasch, M.**, Goroll, T., Bauer, M., Hinz, D., Schütze, N., **Polte, T.**, Kesper, D., Simon, J.-C., **Hackermüller, J.**, Lehmann, I., Herberth, G. (2014): Generation of IL-8 and IL-9 producing CD4⁺ T cells is affected by Th17 polarizing conditions and AHR ligands
Mediat. Inflamm. , 182549
159. **Gawel, E.** (2014): Article 9 of the EU Water Framework Directive: do we really need to calculate environmental and resource costs?
JEEPL **11** (3), 249 - 271
160. **Gawel, E.** (2014): Effizienz im Gewässerschutz — ökologisch und ökonomisch sinnvoll!
Wasser und Abfall **16** (3), 3

161. **Gawel, E.** (2014):
Art. 9 WRRL: Was bringt eine „Berechnung“ von Umwelt- und Ressourcenkosten? Teil 1: Neun Thesen gegen einen Berechnungszwang
Wasser und Abfall **16** (3), 16 - 22
162. **Gawel, E.** (2014):
Instrumente zur Berücksichtigung von Umwelt- und Ressourcenkosten nach Art. 9 WRRL
Nat. Recht **36** (2), 77 - 81
163. **Gawel, E.** (2014):
Art. 9 WRRL: Was bringt eine „Berechnung“ von Umwelt- und Ressourcenkosten? Teil 2: Zur Kritik an rein politisch definierten Umwelt- und Ressourcenkosten
Wasser und Abfall **16** (4), 32 - 35
164. **Gawel, E.** (2014):
Eckpunkte zur EEG-Reform: der Energiewende nächster Akt
Wirtschaftsdienst - Zeitschrift für Wirtschaftspolitik **94** (2), 82 - 83
165. **Gawel, E., Lehmann, P.** (2014):
Die Förderung der erneuerbaren Energien nach der EEG-Reform 2014
Wirtschaftsdienst - Zeitschrift für Wirtschaftspolitik **94** (9), 651 - 658
166. **Gawel, E., Strunz, S.** (2014):
State aid dispute on Germany's support for renewables. Is the commission on the right course?
JEEPL **11** (2), 137 - 150
167. **Gawel, E., Strunz, S., Lehmann, P.** (2014):
A public choice view on the climate and energy policy mix in the EU — how do the emissions trading scheme and support for renewable energies interact?
Energy Policy **64**, 175 - 182
168. **Gawel, E., Strunz, S., Lehmann, P.** (2014):
Wie viel Europa braucht die Energiewende?
Zeitschrift für Energiewirtschaft **38** (3), 163 - 182
169. Gayler, S., Wöhling, T., Grzeschik, M., Ingwersen, J., Wizemann, H.-D., Warrach-Sagi, K., Högy, P., **Attinger, S.**, Streck, T., Wulfmeyer, V. (2014):
Incorporating dynamic root growth enhances the performance of Noah-MP at two contrasting winter wheat field sites
Water Resour. Res. **50** (2), 1337 - 1356

170. Gebel, M., **Meissner, R.**, Halbfass, S., **Hagenau, J.**, Duan, S. (2014):
Web GIS-based simulation of water fluxes in the Miyun catchment area
iForest **7**, 363 - 371
171. Geden, O., **Beck, S.** (2014):
Renegotiating the global climate stabilization target
Nat. Clim. Chang. **4** (9), 747 - 748
172. **Geistlinger, H.**, Mohammadian, S., Schlueter, S., Vogel, H.-J. (2014):
Quantification of capillary trapping of gas clusters using X-ray microtomography
Water Resour. Res. **50** (5), 4514 - 4529
173. Gemitzi, A., Stefanopoulos, K., **Richnow, H.H.** (2014):
Seawater intrusion into groundwater aquifer through a coastal lake - complex
interaction characterised by water isotopes ^2H and ^{18}O
Isot. Environ. Health Stud. **50** (1), 74 - 87
174. **Gerisch, M.** (2014):
Non-random patterns of functional redundancy revealed in ground beetle communities
facing an extreme flood event
Funct. Ecol. **28** (6), 1504 - 1512
175. **Gerstner, K.**, Dormann, C.F., Stein, A., **Manceur, A.M.**, **Seppelt, R.** (2014):
Effects of land use on plant diversity – A global meta-analysis
J. Appl. Ecol. **51** (6), 1690 - 1700
176. **Gerstner, K.**, Dormann, C.F., **Václavík, T.**, Kreft, H., **Seppelt, R.** (2014):
Accounting for geographical variation in species – area relationships improves the
prediction of plant species richness at the global scale
J. Biogeogr. **41** (2), 261 - 273
177. **Getzin, S.**, Nuske, R.S., Wiegand, K. (2014):
Using unmanned aerial vehicles (UAV) to quantify spatial gap patterns in forests
Remote Sensing **6** (8), 6988 - 7004
178. **Getzin, S.**, **Wiegand, T.**, Hubbell, S.P. (2014):
Stochastically driven adult–recruit associations of tree species on Barro Colorado Island
Proc. R. Soc. B-Biol. Sci. **281** (1790), art. 20140922
179. Geyler, S., **Bedtke, N.**, **Gawel, E.** (2014):
Nachhaltige Regenwasserbewirtschaftung im Siedlungsbestand. Teil 2: Kommunale
Strategien und aktuelle Steuerungstendenzen. Sustainable rainwater management in
existing settlements. Part 2: municipal strategies and current trends of governance
GWF Wasser, Abwasser **155** (2), 214 - 222

180. Geyler, S., **Bedtke, N.**, **Gawel, E.** (2014):
Nachhaltige Regenwasserbewirtschaftung im Siedlungsbestand. Teil 1: Ziele, Optionen und Herausforderungen. Sustainable rainwater management in existing settlements. Part 1: objectives, options and challenges
GWF Wasser, Abwasser **155** (1), 96 - 102
181. Gharari, S., Shafiei, M., Hrachowitz, M., **Kumar, R.**, Fenicia, F., Gupta, H.V., Savenije, H.H.G. (2014):
A constraint-based search algorithm for parameter identification of environmental models
Hydrol. Earth Syst. Sci. **18** (12), 4861 - 4870
182. **Gharasoo, M.**, **Centler, F.**, **Fetzer, I.**, **Thullner, M.** (2014):
How the chemotactic characteristics of bacteria can determine their population patterns
Soil Biol. Biochem. **69** , 346 - 358
183. **Giebler, J.**, **Wick, L.Y.**, **Harms, H.**, **Chatzinotas, A.** (2014):
Evaluating T-RFLP protocols to sensitively analyze the genetic diversity and community changes of soil alkane degrading bacteria
Eur. J. Soil Biol. **65** , 107 - 113
184. Giladi, I., **May, F.**, Ristow, M., Jeltsch, F., Ziv, Y. (2014):
Scale-dependent species-area and species-isolation relationships: a review and a test study from a fragmented semi-arid agro-ecosystem
J. Biogeogr. **41** (6), 1055 - 1069
185. **Gilevska, T.**, **Gehre, M.**, **Richnow, H.H.** (2014):
Performance of the wet oxidation unit of the HPLC isotope ratio mass spectrometry system for halogenated compounds
Anal. Chem. **86** (15), 7252 - 7257
186. **Glaser, K.**, **Kuppardt, A.**, **Krohn, S.**, **Heidtmann, A.**, **Harms, H.**, **Chatzinotas, A.** (2014):
Primer pairs for the specific environmental detection and T-RFLP analysis of the ubiquitous flagellate taxa Chrysophyceae and Kinetoplastea
J. Microbiol. Methods **100** , 8 - 16
187. Glatter, J., Hackenberg, K., **Wolff, M.** (2014):
Zimmer frei? Die Wiederentdeckung der Relevanz des studentischen Wohnens für lokale Wohnungsmärkte
Raumforschung und Raumordnung **72** (5), 385 - 399

188. Gontijo, E.S.J., Oliveira, F.S.D., Fernandes, M.L., da Silva, G.A., Roeser, H.M.P., **Friese, K.** (2014):
Application of a multivariate exploratory analysis technique in the study of dissolved organic matter and metal ions in waters from the eastern Quadrilátero Ferrífero, Brazil
J. Braz. Chem. Soc. **25** (2), 208 - 218
189. **Görg, C., Spangenberg, J.H.**, Tekken, V., Burkhard, B., Truong, D.T., Escalada, M., Heong, K.L., Arida, G., Marquez, L.V., Bustamante, J.V., Chien, H.V., **Klotzbücher, T., Marxen, A.**, Manh, N.H., Sinh, N.V., Villareal, S., **Settele, J.** (2014):
Engaging local knowledge in biodiversity research: experiences from large inter- and transdisciplinary projects
Interdiscip. Sci. Rev. **39** (4), 323 - 341
190. Goris, T., Schubert, T., Gadkari, J., **Wubet, T., Tarkka, M., Buscot, F., Adrian, L.**, Diekert, G. (2014):
Insights into organohalide respiration and the versatile catabolism of *Sulfurospirillum multivorans* gained from comparative genomics and physiological studies
Environ. Microbiol. **16** (11), 3562 - 3580
191. Griewald, Y., **Rauschmayer, F.** (2014):
Exploring an environmental conflict from a capability perspective
Ecol. Econ. **100** , 30 - 39
192. **Grimm, A., Gruber, B., Henle, K.** (2014):
Reliability of different mark-recapture methods for population size estimation tested against reference population sizes constructed from field data
PLOS One **9** (6), e98840
193. **Grimm, V.**, Augusiak, J., Focks, A., Frank, B.M., Gabsi, F., Johnston, A.S.A., Liu, C., **Martin, B.T.**, Meli, M., Radchuk, V., Thorbek, P., Railsback, S.F. (2014):
Towards better modelling and decision support: Documenting model development, testing, and analysis using TRACE
Ecol. Model. **280** , 129 - 139
194. **Grimm, V.**, Thorbek, P. (2014):
Population models for ecological risk assessment of chemicals: Short introduction and summary of a special issue. Editorial
Ecol. Model. **280** , 1 - 4
195. Gros, J., Nabi, D., **Würz, B., Wick, L.Y.**, Brussaard, C.P.D., Huisman, J., van der Meer, J.R., Reddy, C.M., Arey, J.S. (2014):
First day of an oil spill on the open sea: Early mass transfers of hydrocarbons to air and water
Environ. Sci. Technol. **48** (16), 9400 - 9411

196. **Groß, M.**, Stauffacher, M. (2014):
Transdisciplinary environmental science: problem-oriented projects and strategic research programs
Interdiscip. Sci. Rev. **39** (4), 299 - 306
197. **Großmann, K.**, Bierwirth, A., **Bartke, S.**, Jensen, T., **Kabisch, S.**, von Malottki, C., Mayer, I., Rügamer, J. (2014):
Energetische Sanierung: sozialräumliche Strukturen von Städten berücksichtigen.
Energetic retrofit: considering socio-spatial structures of cities
GAIA **23** (4), 309 - 312
198. **Großmann, K.**, Buchholz, J., Buchmann, C., Hedtke, C., Höhnke, C., Schwarz, N. (2014):
Energy costs, residential mobility, and segregation in a shrinking city
Open House Int. **39** (2), 14 - 24
199. Grossiord, C., Gessler, A., Granier, A., **Berger, S.**, Bréchet, C., Hentschel, R., Hommel, R., Scherer-Lorenzen, M., Bonal, D. (2014):
Impact of interspecific interactions on the soil water uptake depth in a young temperate mixed species plantation
J. Hydrol. **519** (Part D), 3511 - 3519
200. Guénard, G., **von der Ohe, P.C.**, Walker, S.C., Lek, S., Legendre, P. (2014):
Using phylogenetic information and chemical properties to predict species tolerances to pesticides
Proc. R. Soc. B-Biol. Sci. **281** (1789), art. 20133239
201. Gulkowska, A., Thalmann, B., Hollender, J., **Krauss, M.** (2014):
Nonextractable residue formation of sulfonamide antimicrobials: New insights from soil incubation experiments
Chemosphere **107** , 366 - 372
202. Gupta, H.V., Perrin, C., Blöschl, G., Montanari, A., **Kumar, R.**, Clark, M., Andréassian, V. (2014):
Large-sample hydrology: a need to balance depth with breadth
Hydrol. Earth Syst. Sci. **18** (2), 463 - 477
203. **Gutiérrez, A.G.**, Armesto, J.J., Díaz, M.F., **Huth, A.** (2014):
Increased drought impacts on temperate rainforests from Southern South America: results of a process-based, dynamic forest model
PLOS One **9** (7), e103226

204. Gutwald, R., Leßmann, O., **Masson, T.**, **Rauschmayer, F.** (2014):
A capability approach to intergenerational justice? Examining the potential of Amartya Sen's ethics with regard to intergenerational issues
Journal of Human Development and Capabilities **15** (4), 355 - 368
205. **Haase, A.**, **Rink, D.**, **Grossmann, K.**, Bernt, M., Mykhnenko, V. (2014):
Conceptualizing urban shrinkage
Environ. Plan. A **46** (7), 1519 - 1534
206. **Haase, D.**, Frantzeskaki, N., Elmquist, T. (2014):
Ecosystem services in urban landscapes: practical applications and governance implications
Ambio **43** (4), 407 - 412
207. **Haase, D.**, **Haase, A.**, **Rink, D.** (2014):
Conceptualizing the nexus between urban shrinkage and ecosystem services
Landsc. Urban Plan. **132** , 159 - 169
208. **Haase, D.**, Larondelle, N., Andersson, E., Artmann, M., Borgström, S., Breuste, J., Gomez-Bagethun, E., Gren, Å., Hamstead, Z., Hansen, R., **Kabisch, N.**, Kremer, P., Langemeyer, J., Lorance Rall, E., McPhearson, T., Pauleit, S., Qureshi, S., **Schwarz, N.**, Voigt, A., Wurster, D., Elmquist, T. (2014):
A quantitative review of urban ecosystem service assessments: concepts, models, and implementation
Ambio **43** (4), 413 - 433
209. **Hachicho, N.**, **Hoffmann, P.**, **Ahlert, K.**, **Heipieper, H.J.** (2014):
Effect of silver nanoparticles and silver ions on growth and adaptive response mechanisms of *Pseudomonas putida* mt-2
FEMS Microbiol. Lett. **355** (1), 71 - 77
210. **Hackermüller, J.**, **Reiche, K.**, **Otto, C.**, Hösler, N., Blumert, C., Brocke-Heidrich, K., Böhlig, L., Nitsche, A., **Kasack, K.**, Ahnert, P., Krupp, W., Engeland, K., Stadler, P.F., Horn, F. (2014):
Cell cycle, oncogenic and tumor suppressor pathways regulate numerous long and macro non-protein coding RNAs
Genome Biol. **15** (3), R48
211. **Hagemann, N.**, Blumensaat, F., Tavares Wahren, F., Trümper, J., Burmeister, C., **Moynihan, R.**, Scheifhachen, N. (2014):
The long road to improving the water quality of the Western Bug River (Ukraine) – A multi-scale analysis
J. Hydrol. **519** (Part C), 2436 - 2447

212. **Hagemann, N., Klauer, B., Moynihan, R.M.**, Leidel, M., Scheifhacken, N. (2014):
The role of institutional and legal constraints on river water quality monitoring in Ukraine
Environ. Earth Sci. **72** (12), 4745 - 4756
213. Hai, N.H., Wiegand, K., **Getzin, S.** (2014):
Spatial distributions of tropical tree species in northern Vietnam under environmentally
variable site conditions
Journal of Forestry Research **25** (2), 257 - 268
214. **Halbedel, S., Büttner, O.** (2014):
MeCa, a toolbox for the calculation of metabolism in heterogeneous streams
Methods Ecol. Evol. **5** (9), 971 - 975
215. Hall, J., Arheimer, B., Borga, M., Brázdil, R., Claps, P., Kiss, A., Kjeldsen, T.R.,
Kriauciūnienė, J., Kundzewicz, Z.W., Lang, M., Llasat, M.C., Macdonald, N.,
McIntyre, N., Mediero, L., Merz, B., **Merz, R.**, Molnar, P., Montanari, A., Neuhold, C.,
Parajka, J., Perdigão, R.A.P., Plavcová, L., Rogger, M., Salinas, J.L., Sauquet, E., Schär,
C., Szolgay, J., Viglione, A., Blöschl, G. (2014):
Understanding flood regime changes in Europe: a state-of-the-art assessment
Hydrol. Earth Syst. Sci. **18** (7), 2735 - 2772
216. **Händel, F.**, Liu, G., **Dietrich, P.**, Liedl, R., Butler, J.J. (2014):
Numerical assessment of ASR recharge using small-diameter wells and surface basins
J. Hydrol. **517** , 54 - 63
217. **Hansjürgens, B.**, Moesenfechel, U. (2014):
Ökonomische Bewertung des Naturkapitals
Wirtschaftsdienst - Zeitschrift für Wirtschaftspolitik **94** (4), 300 - 302
218. **Hanspach, J., Schweiger, O., Kühn, I.**, Plattner, M., Pearman, P.B.,
Zimmermann, N.E., **Settele, J.** (2014):
Host plant availability potentially limits butterfly distributions under cold environmental
conditions
Ecography **37** (3), 301 - 308
219. Hantsch, L., Bien, S., Radatz, S., Braun, U., **Auge, H.**, Bruelheide, H. (2014):
Tree diversity and the role of non-host neighbour tree species in reducing fungal pathogen
infestation
J. Ecol. **102** (6), 1673 - 1687
220. Hardenbicker, P., Rolinski, S., **Weitere, M.**, Fischer, H. (2014):
Contrasting long-term trends and shifts in phytoplankton dynamics in two large rivers
Int. Rev. Hydrobiol. **99** (4), 287 - 299

221. Hare, M.P., van Bers, C., van der Keur, P., Henriksen, H.J., **Luther, J.**, **Kuhlicke, C.**, Jaspers, F., Terwisscha van Scheltinga, C., Mysiak, J., Calliari, E., Warner, K., Daniel, H., Coppola, J., McGrath, P.F. (2014):
Brief Communication: CATALYST – a multi-regional stakeholder think tank for
fostering capacity development in disaster risk reduction and climate change adaptation
Nat. Hazards Earth Syst. Sci. **14** (8), 2157 - 2163
222. **Harms, H.**, Junca, H. (2014):
Editorial overview: Environmental Biotechnology
Curr. Opin. Biotechnol. **27** , vii - ix
223. **Harnisch, F.**, Holtmann, D., Agler-Rosenbaum, M., Schröder, U. (2014):
Die Elektrobiotechnologie in Deutschland nimmt Fahrt auf
Biospektrum **20** (1), 93 - 94
224. Harold, S., Henderson, C., Baguette, M., Bonsall, M.B., Hughes, D., **Settele, J.** (2014):
BMC Ecology image competition 2014: the winning images
BMC Ecology **14** , art. 24
225. **Hartig, F.**, **Dislich, C.**, **Wiegand, T.**, **Huth, A.** (2014):
Technical Note: Approximate Bayesian parameterization of a process-based tropical
forest model
Biogeosciences **11** , 1261 - 1272
226. **Hartig, F.**, **Münkemüller, T.**, **Johst, K.**, Dieckmann, U. (2014):
On the sympatric evolution and evolutionary stability of coexistence by relative
nonlinearity of competition
PLOS One **9** (9), e94454
227. **Hauck, J.** (2014):
Book review: "Plieninger, T., and C. Bieling. 2012. Resilience and the cultural landscape
– understanding and managing change in human-shaped environments"
Ecol. Soc. **19** (1), Art. 6
228. **Hauck, J.**, **Görg, C.**, Werner, A., **Jax, K.**, Bidoglio, G., Maes, J., Furman, E., Ratamäki, O. (2014):
Transdisciplinary enrichment of a linear research process: experiences gathered from a
research project supporting the European Biodiversity Strategy to 2020
Interdiscip. Sci. Rev. **39** (4), 376 - 391
229. **Haupt, M.**, Friedrich, M., Shishov, V.V., **Boettger, T.** (2014):
The construction of oxygen isotope chronologies from tree-ring series sampled at
different temporal resolution and its use as climate proxies: statistical aspects
Clim. Change **122** (1-2), 201 - 215

230. Häusler, S., Weber, M., **Siebert, C.**, Holtappels, R., Noriega-Ortega, B.E., de Beer, D., Ionescu, D. (2014):
Sulfate reduction and sulfide oxidation in extremely steep salinity gradients formed by freshwater springs emerging into the Dead Sea
FEMS Microbiol. Ecol. **90** (3), 956 - 969
231. **Helbig, C.**, Bauer, H.-S., **Rink, K.**, Wulfmeyer, V., Frank, M., **Kolditz, O.** (2014):
Concept and workflow for 3D visualization of atmospheric data in a virtual reality environment for analytical approaches
Environ. Earth Sci. **72** (10), 3767 - 3780
232. **Henle, K.**, Osborne, W., Lemckert, F. (2014):
The herpetofauna of Kioloa, New South Wales: baseline observational data collected 30 years ago and inspired by R. E. Barwick
Aust. J. Zool. **62** (1), 100 - 107
233. **Herberth, G.** (2014):
LARS, LISA und LINA – was lehren die Leipziger Allergierisiko-Studien?
Allergologie **37** (4), 157 - 157
234. **Herberth, G.**, Bauer, M., Gasch, M., Hinz, D., Röder, S., Olek, S., Kohajda, T., Rolle-Kampczyk, U., von Bergen, M., Sack, U., Borte, M., Lehmann, I. (2014):
Maternal and cord blood miR-223 expression associates with prenatal tobacco smoke exposure and low regulatory T-cell numbers
J. Allergy Clin. Immunol. **133** (2), 543 - 550.e4
235. **Herzsprung, P.**, Hertkorn, N., von Tümpeling, W., Harir, M., **Friese, K.**, Schmitt-Kopplin, P. (2014):
Understanding molecular formula assignment of Fourier transform ion cyclotron resonance mass spectrometry data of natural organic matter from a chemical point of view
Anal. Bioanal. Chem. **406** (30), 7977 - 7987
236. **Heße, F.**, Prykhodko, V., Attinger, S., Thullner, M. (2014):
Assessment of the impact of pore-scale mass-transfer restrictions on microbially-induced stable-isotope fractionation
Adv. Water Resour. **74** , 79 - 90
237. **Heße, F.**, Prykhodko, V., Attinger, S., Thullner, M. (2014):
Corrigendum to “Assessment of the impact of pore-scale mass-transfer restrictions on microbially-induced stable-isotope fractionation” [ADWR 74C (2014) 79–90]
Adv. Water Resour. **74** , 329

238. **Heße, F., Prykhodko, V., Schlüter, S., Attinger, S.** (2014): Generating random fields with a truncated power-law variogram: A comparison of several numerical methods
Environ. Modell. Softw. **55**, 32 - 48
239. Hoffmann, A., **Krumbiegel, P.**, Richter, T., **Richter, M.**, **Röder, S.**, **Rolle-Kampczyk, U.**, Herbarth, O. (2014): *Helicobacter pylori* prevalence in children influenced by non-specific antibiotic treatments
Cent. Eur. J. Public Health **22** (1), 48 - 53
240. Hoffmann, P., Held, C., **Maskow, T.**, Sadowski, G. (2014): A thermodynamic investigation of the glucose-6-phosphate isomerization
Biophys. Chem. **195**, 22 - 31
241. Hoffmann, S., **Otto, C.**, Doose, G., Tanzer, A., Langenberger, D., Christ, S., Kunz, M., Holdt, L.M., Teupser, D., **Hackermüller, J.**, Stadler, P.F. (2014): A multi-split mapping algorithm for circular RNA, splicing, trans-splicing and fusion detection
Genome Biol. **15** (2), R34
242. Hohl, A., **Václavík, T.**, Meentemeyer, R.K. (2014): Go with the flow: geospatial analytics to quantify hydrologic landscape connectivity for passively dispersed microorganisms
Int. J. Geogr. Inf. Sci. **28** (8), 1626 - 1641
243. Höhlig, B., Schmidt, D., **Pfütze, C.**, **Roland, U.**, **Trommler, U.**, Schröfl, C., Hempel, S., Mechtherine, V. (2014): Wärmebehandlung von Frischbeton unter Nutzung der Radiowellen-Technologie. Radio wave technology used for heat treatment of fresh concrete
Beton- Stahlbetonbau **109** (5), 355 - 363
244. Honey-Rosés, J., Le Menestrel, M., Arenas, D., **Rauschmayer, F.**, **Rode, J.** (2014): Enriching intergenerational decision-making with guided visualization exercises
J. Bus. Ethics **122** (4), 675 - 680
245. **Hoppe, B.**, Kahl, T., Karasch, P., **Wubet, T.**, Bauhus, J., **Buscot, F.**, **Krüger, D.** (2014): Network analysis reveals ecological links between N-fixing bacteria and wood-decaying fungi
PLOS One **9** (2), e88141

246. **Hoyer, C.**, Pfütze, C., Plarre, R., **Trommler, U.**, Steinbach, S., Klutzny, K., **Holzer, F.**, **Rabe, C.**, Höhlig, B., **Kopinke, F.-D.**, Schmidt, D., **Roland, U.** (2014):
Chemikalienfreie Bekämpfung von Holzschädlingen durch dielektrische Erwärmung mit
Radiowellen und Mikrowellen. Chemical-free control of pests in wood by means of
dielectric heating with radio waves and microwaves
Chem. Ing. Tech. **86** (8), 1187 - 1197
247. Höyng, D., D’Affonseca, F.M., Bayer, P., Gomes de Oliveira, E., Perinotto, J.A.J.,
Reis, F., **Weiß, H.**, Grathwohl, P. (2014):
High-resolution aquifer analog of fluvial–aeolian sediments of the Guarani aquifer system
Environ. Earth Sci. **71** (7), 3081 - 3094
248. Hübner, U., **Seiwert, B.**, **Reemtsma, T.**, Jekel, M. (2014):
Ozonation products of carbamazepine and their removal from secondary effluents by soil
aquifer treatment – Indications from column experiments
Water Res. **49** , 34 - 43

249. Hudson, L.N., Newbold, T., Contu, S., Hill, S.L.L., Lysenko, I., De Palma, A., Phillips, H.R.P., Senior, R.A., Bennett, D.J., Booth, H., Choimes, A., Correia, D.L.P., Day, J., Echeverría-Londoño, S., Garon, M., Harrison, M.L.K., Ingram, D.J., Jung, M., Kemp, V., Kirkpatrick, L., Martin, C.D., Pan, Y., White, H.J., Aben, J., Abrahamczyk, S., Adum, G.B., Aguilar-Barquero, V., Aizen, M.A., Ancrenaz, M., Arbeláez-Cortés, E., Armbrecht, I., Azhar, B., Azpiroz, A.B., Baeten, L., Báldi, A., Banks, J.E., Barlow, J., Batáry, P., Bates, A.J., Bayne, E.M., Beja, P., Berg, Å., Berry, N.J., Bicknell, J.E., Bihm, J.H., Böhning-Gaese, K., Boekhout, T., Boutin, C., Bouyer, J., Brearley, F.Q., Brito, I., Brunet, J., Buczkowski, G., Buscardo, E., Cabra-García, J., Calviño-Cancela, M., Cameron, S.A., Cancello, E.M., Carrijo, T.F., Carvalho, A.L., Castro, H., Castro-Luna, A.A., Cerda, R., Cerezo, A., Chauvat, M., Clarke, F.M., Cleary, D.F.R., Connop, S.P., D'Aniello, B., da Silva, P.G., Darvill, B., Dauber, J., Dejean, A., Diekötter, T., Dominguez-Haydar, Y., Dormann, C.F., Dumont, B., Dures, S.G., Dynesius, M., Edenuis, L., Elek, Z., Entling, M.H., Farwig, N., Fayle, T.M., Felicioli, A., Felton, A.M., Ficetola, G.F., Filgueiras, B.K.C., Fonte, S.J., Fraser, L.H., Fukuda, D., Furlani, D., Ganzhorn, J.U., Garden, J.G., Gheler-Costa, C., Giordani, P., Giordano, S., Gottschalk, M.S., Goulson, D., Gove, A.D., Grogan, J., Hanley, M.E., Hanson, T., Hashim, N.R., Hawes, J.E., Hébert, C., Helden, A.J., Henden, J.-A., Hernández, L., Herzog, F., Higuera-Díaz, D., Hilje, B., Horgan, F.G., Horváth, R., Hylander, K., Isaacs-Cubides, P., Ishitani, M., Jacobs, C.T., Jaramillo, V.J., Jauker, B., Jonsell, M., Jung, T.S., Kapoor, V., Kati, V., Katovai, E., Kessler, M., Knop, E., Kolb, A., Kőrösí, Á., Lachat, T., Lantschner, V., Féon, V.L., LeBuhn, G., Légaré, J.-P., Letcher, S.G., Littlewood, N.A., López-Quintero, C.A., Louhaichi, M., Lövei, G.L., Lucas-Borja, M.E., Luja, V.H., Maeto, K., Magura, T., Mallari, N.A., Marin-Spiotta, E., Marshall, E.J.P., Martínez, E., Mayfield, M.M., Mikusinski, G., Milder, J.C., Miller, J.R., Morales, C.L., Muchane, M.N., Muchane, M., Naidoo, R., Nakamura, A., Naoe, S., Nates-Parra, G., Gutierrez, D.A.N., Neuschulz, E.L., Noreika, N., Norfolk, O., Noriega, J.A., Nöske, N.M., O'Dea, N., Oduro, W., Ofori-Boateng, C., Oke, C.O., Osgathorpe, L.M., Paritsis, J., Parra-H, A., Pelegrin, N., Peres, C.A., Persson, A.S., Petanidou, T., Phalan, B., Philips, T.K., Poveda, K., Power, E.F., Presley, S.J., Proença, V., Quaranta, M., Quintero, C., Redpath-Downing, N.A., Reid, J.L., Reis, Y.T., Ribeiro, D.B., Richardson, B.A., Richardson, M.J., Robles, C.A., Römbke, J., Romero-Duque, L.P., Rosselli, L., Rossiter, S.J., Roulston, T.H., Rousseau, L., Sadler, J.P., Sáfián, S., Saldaña-Vázquez, R.A., Samnegård, U., Schüepp, C., **Schweiger, O.**, Sedlock, J.L., Shahabuddin, G., Sheila, D., Silva, F.A.B., Slade, E.M., Smith-Pardo, A.H., Sodhi, N.S., Somarriba, E.J., Sosa, R.A., Stout, J.C., Struebig, M.J., Sung, Y.-H., Threlfall, C.G., Tonietto, R., Tóthmérész, B., Tscharntke, T., Turner, E.C., Tylianakis, J.M., Vanbergen, A.J., Vassilev, K., Verboven, H.A.F., Vergara, C.H., Vergara, P.M., Verhulst, J., Walker, T.R., Wang, Y., Watling, J.I., Wells, K., Williams, C.D., Willig, M.R., Woinarski, J.C.Z., Wolf, J.H.D., Woodcock, B.A., Yu, D.W., Zaitsev, A.S., Collen, B., Ewers, R.M., Mace, G.M., Purves, D.W., Scharlemann, J.P.W., Purvis, A. (2014):
The PREDICTS database: a global database of how local terrestrial biodiversity responds to human impacts
Ecol. Evol. **4** (24), 4701 - 4735
250. Hüffer, T., **Endo, S.**, Metzelder, F., Schroth, S., Schmidt, T.C. (2014):
Prediction of sorption of aromatic and aliphatic organic compounds by carbon nanotubes using poly-parameter linear free-energy relationships
Water Res. **59** , 295 - 303
251. **Hug, C., Ulrich, N., Schulze, T., Brack, W., Krauss, M.** (2014):
Identification of novel micropollutants in wastewater by a combination of suspect and nontarget screening
Environ. Pollut. **184** , 25 - 32

252. Imfeld, G., **Kopinke, F.-D., Fischer, A., Richnow, H.-H.** (2014):
Carbon and hydrogen isotope fractionation of benzene and toluene during hydrophobic sorption in multistep batch experiments
Chemosphere **107**, 454 - 461
253. Imhasly, S., Naegeli, H., **Baumann, S., von Bergen, M.**, Luch, A., Jungnickel, H., Potratz, S., Gerspach, C. (2014):
Metabolomic biomarkers correlating with hepatic lipidosis in dairy cows
BMC Vet. Res. **10**, art. 122
254. Irawan, S., Tacconi, L., **Ring, I.** (2014):
Designing intergovernmental fiscal transfers for conservation: the case of REDD+ revenue distribution to local governments in Indonesia
Land Use Pol. **36**, 47 - 59
255. **Ivdra, N., Herrero-Martín, S., Fischer, A.** (2014):
Validation of user- and environmentally friendly extraction and clean-up methods for compound-specific stable carbon isotope analysis of organochlorine pesticides and their metabolites in soils
J. Chromatogr. A **1355**, 36 - 45
256. Jackisch, C., Zehe, E., **Samaniego, L.**, Singh, A.K. (2014):
An experiment to gauge an ungauged catchment: rapid data assessment and eco-hydrological modelling in a data-scarce rural catchment
Hydrol. Sci. J.-J. Sci. Hydrol. **59** (12), 2103 - 2125
257. Jacquemyn, H., Brys, R., Merckx, V.S.F.T., Waud, M., Lievens, B., **Wiegand, T.** (2014):
Coexisting orchid species have distinct mycorrhizal communities and display strong spatial segregation
New Phytol. **202** (2), 616 - 627
258. Jaekel, U., **Vogt, C., Fischer, A., Richnow, H.-H., Musat, F.** (2014):
Carbon and hydrogen stable isotope fractionation associated with the anaerobic degradation of propane and butane by marine sulfate-reducing bacteria
Environ. Microbiol. **16** (1), 130 - 140
259. **Jäger, C.G.**, Diehl, S. (2014):
Resource competition across habitat boundaries: asymmetric interactions between benthic and pelagic producers
Ecol. Monogr. **84** (2), 287 - 302
260. **Jäger, C.G.**, Vrede, T., Persson, L., Jansson, M. (2014):
Interactions between metazoans, autotrophs, mixotrophs and bacterioplankton in nutrient-depleted high DOC environments: a long-term experiment
Freshw. Biol. **59** (8), 1596 - 1607

261. Jager, T., Barsi, A., Hamda, N.T., **Martin, B.T.**, Zimmer, E.I., Ducrot, V. (2014): Dynamic energy budgets in population ecotoxicology: Applications and outlook
Ecol. Model. **280**, 140 - 147
262. **Jahangiri, E.**, Reichelt, S., Thomas, I., Hausmann, K., **Schlosser, D.**, Schulze, A. (2014): Electron beam-induced immobilization of laccase on porous supports for waste water treatment applications
Molecules **19** (8), 11860 - 11882
263. **Jahn, M.**, **Vorpahl, C.**, **Türkowsky, D.**, Lindmeyer, M., Bühler, B., **Harms, H.**, Müller, S. (2014): Population heterogeneity in *Pseudomonas putida* analyzed on the single cell level using proteomics and digital PCR
New Biotech. **31** (Suppl.), S58 - S59
264. **Jahn, M.**, **Vorpahl, C.**, **Türkowsky, D.**, Lindmeyer, M., Bühler, B., **Harms, H.**, Müller, S. (2014): Accurate determination of plasmid copy number of flow-sorted cells using droplet digital PCR
Anal. Chem. **86** (12), 5969 - 5976
265. **Jakoby, O.**, Grimm, V., Frank, K. (2014): Pattern-oriented parameterization of general models for ecological application: towards realistic evaluations of management approaches
Ecol. Model. **275**, 78 - 88
266. **Jakoby, O.**, Quaas, M.F., Müller, B., Baumgärtner, S., **Frank, K.** (2014): How do individual farmers' objectives influence their evaluation of rangeland management strategies under a variable climate?
J. Appl. Ecol. **51** (2), 483 - 493
267. Jefwa, J.M., Dames, J., Diédhieu, A.G., Qaddoury, A., **Wubet, T.**, Bâ, A.M. (2014): International Workshop of the African Network on Mycorrhiza (AFRINOM 1): advancing plant–microbe interactions in crop nutrition, integration of mycorrhiza into agroecosystems
Mycorrhiza **24** (1), 75 - 76
268. Jeschke, J.M., Bacher, S., Blackburn, T.M., Dick, J.T.A., Dick, J.T., Essl, F., Evans, T., Gaertner, M., Hulme, P.E., **Kühn, I.**, Mrugała, A., Pergl, J., Pyšek, P., Rabitsch, W., Ricciardi, A., Richardson, D.M., Sendek, A., Vilà, M., Winter, M., Kumschick, S. (2014): Defining the impact of non-native species
Conserv. Biol. **28** (5), 1188 - 1194

269. **Jiang, S., Jomaa, S., Rode, M.** (2014):
Modelling inorganic nitrogen leaching in nested mesoscale catchments in central Germany
Ecohydrology **7** (5), 1345 - 1362
270. **Johnke, J., Cohen, Y., de Leeuw, M., Kushmaro, A., Jurkevitch, E., Chatzinotas, A.** (2014):
Multiple micro-predators controlling bacterial communities in the environment
Curr. Opin. Biotechnol. **27**, 185 - 190
271. Jolibert, C., Paavola, J., **Rauschmayer, F.** (2014):
Addressing needs in the search for sustainable development: a proposal for needs-based scenario building
Environ. Values **23** (1), 29 - 50
272. Jonas, A., Buranova, V., **Scholz, S., Fetter, E., Novakova, K., Kohoutek, J., Hilscherova, K.** (2014):
Retinoid-like activity and teratogenic effects of cyanobacterial exudates
Aquat. Toxicol. **155**, 283 - 293
273. Jonason, D., **Franzén, M., Ranius, T.** (2014):
Surveying moths using light traps: effects of weather and time of year
PLOS One **9** (3), e92453
274. **Jungandreas, A., Schellenberger Costa, B., Jakob, T., von Bergen, M., Baumann, S., Wilhelm, C.** (2014):
The acclimation of *Phaeodactylum tricornutum* to blue and red light does not influence the photosynthetic light reaction but strongly disturbs the carbon allocation pattern
PLOS One **9** (8), e99727
275. **Junge, K.M., Hörnig, F., Herberth, G., Röder, S., Kohajda, T., Rolle-Kampczyk, U., von Bergen, M., Borte, M., Simon, J.-C., Heroux, D., Denburg, J.A., Lehmann, I.** (2014):
The LINA cohort: cord blood eosinophil/basophil progenitors predict respiratory outcomes in early infancy
Clin. Immunol. **152** (1-2), 68 - 76
276. Jungnickel, H., Luch, A., **Potratz, S., von Bergen, M., Baumann, S., Tarnow, P.** (2014):
Identification of lipidomic biomarkers for coexposure to subtoxic doses of benzo[a]pyrene and cadmium: the toxicological cascade biomarker approach
Environ. Sci. Technol. **48** (17), 10423 - 10431
277. **Kabisch, N., Haase, D.** (2014):
Green justice or just green? Provision of urban green spaces in Berlin, Germany
Landsc. Urban Plan. **122**, 129 - 139

278. **Kabisch, S.** (2014):
Inter- and transdisciplinarity in urban-environmental research: a subjective inventory over twenty years
Interdiscip. Sci. Rev. **39** (4), 392 - 398
279. Kaden, R., Spröer, C., **Beyer, D.**, Krolla-Sidenstein, P. (2014):
Rhodoferax saidenbachensis sp. nov., a psychrotolerant, very slowly growing bacterium within the family *Comamonadaceae*, proposal of appropriate taxonomic position of *Albidiferax ferrireducens* strain T118^T in the genus *Rhodoferax* and emended description of the genus *Rhodoferax*
Int. J. Syst. Evol. Microbiol. **64** , Pt 4
280. **Kalkhof, S.**, Förster, Y., **Schmidt, J.**, Schulz, M.C., **Baumann, S.**, Weißflog, A., Gao, W., Hempel, U., Eckelt, U., Rammelt, S., **von Bergen, M.** (2014):
Proteomics and metabolomics for *in situ* monitoring of wound healing
Biomed Res. Int. **2014** , art. 934848
281. **Kästner, M.** (2014):
Pesticide risks put in order
Trac-Trends Anal. Chem. **54** , IV - V
282. **Kästner, M.**, Nowak, K.M., **Miltner, A.**, Trapp, S., Schäffer, A. (2014):
Classification and modelling of nonextractable residue (NER) formation of xenobiotics in soil — a synthesis
Crit. Rev. Environ. Sci. Technol. **44** (19), 2107 - 2171
283. **Kattwinkel, M.**, Liess, M. (2014):
Competition matters: Species interactions prolong the long-term effects of pulsed toxicant stress on populations
Environ. Toxicol. Chem. **33** (7), 1458 - 1465
284. Kautz, T., Lüsebrink, M., Pätzold, S., **Vetterlein, D.**, Pude, R., Athmann, M., Küpper, P.M., Perkons, U., Köpke, U. (2014):
Contribution of anecic earthworms to biopore formation during cultivation of perennial ley crops
Pedobiologia **57** , 47 - 52
285. **Kazmierczak, M.**, Wiegand, T., Huth, A. (2014):
A neutral vs. non-neutral parametrizations of a physiological forest gap model
Ecol. Model. **288** , 94 - 102
286. Kellner, H., Luis, P., Pecyna, M.J., Barbi, F., **Kapturska, D.**, **Krüger, D.**, Zak, D.R., Marmeisse, R., Vandebol, M., Hofrichter, M. (2014):
Widespread occurrence of expressed fungal secretory peroxidases in forest soils
PLOS One **9** (4), e95557

287. **Kern, K.** (2014):
New standards for the chemical quality of water in Europe under the new Directive 2013/39/EU
JEEPL **11** (1), 31 - 48
288. **Kern, K., Gawel, E.** (2014):
Neuordnung der Abwasserabgabe : Tagung am Helmholtz-Zentrum für Umweltforschung – UFZ am 11. November 2013 in Leipzig
GWF Wasser, Abwasser **155** (1), 112 - 115
289. Khademrasoul, A., Naveed, M., Heckrath, G., Kumari, K.G.I.D., de Jonge, L.W., Elsgaard, L., **Vogel, H.-J.**, Iversen, B.V. (2014):
Biochar effects on soil aggregate properties under no-till maize
Soil Sci. **179** (6), 273 - 283
290. **Kirschke, S., Hagemann, N.** (2014):
Stärkung der Wasser-Governanceforschung. Impulse aus der Forschung zum Integrierten Wasserressourcen-Management. Strengthening water governance research. Impulses from research in the field of integrated water resources management
GAIA **23** (4), 313 - 317
291. Kleindienst, S., **Herbst, F.-A.**, Stagars, M., von Netzer, F., **von Bergen, M.**, **Seifert, J.**, Peplies, J., Amann, R., Musat, F., Lueders, T., Knittel, K. (2014):
Diverse sulfate-reducing bacteria of the *Desulfosarcina/Desulfococcus* clade are the key alkane degraders at marine seeps
ISME J. **8** , 2029 - 2044
292. **Klüver, N., Ortmann, J., Paschke, H., Renner, P., Ritter, A.P., Scholz, S.** (2014):
Transient overexpression of *adh8a* increases allyl alcohol toxicity in zebrafish embryos
PLOS One **9** (3), e90619
293. **Knoche, M.**, Fischer, C., Pohl, E., Krause, P., **Merz, R.** (2014):
Combined uncertainty of hydrological model complexity and satellite-based forcing data evaluated in two data-scarce semi-arid catchments in Ethiopia
J. Hydrol. **519** , 2049 - 2066
294. **Koch, C., Harms, H., Müller, S.** (2014):
Dynamics in the microbial cytome — single cell analytics in natural systems
Curr. Opin. Biotechnol. **27** , 134 - 141
295. **Koch, C., Harnisch, F., Schröder, U., Müller, S.** (2014):
Cytometric fingerprints: evaluation of new tools for analyzing microbial community dynamics
Frontiers in Microbiology **5** , art. 273

296. **Koch, C., Müller, S., Harms, H., Harnisch, F.** (2014):
Microbiomes in bioenergy production: From analysis to management
Curr. Opin. Biotechnol. **27**, 65 - 72
297. **Koebernick, N., Weller, U., Huber, K., Schlüter, S., Vogel, H.-J., Jahn, R., Vereecken, H., Vetterlein, D.** (2014):
In situ visualization and quantification of three-dimensional root system architecture and growth using X-ray computed tomography
Vadose Zone J. **13** (8), 10.2136/vzj2014.03.0024
298. Kohlboeck, G., Romanos, M., Teuner, C.M., Holle, R., Tiesler, C.M.T., Hoffmann, B., Schaaf, B., **Lehmann, I.**, Herbarth, O., Koletzko, S., Bauer, C.-P., von Berg, A., Berdel, D., Heinrich, J. (2014):
Healthcare use and costs associated with children's behavior problems
Eur. Child Adolesc. Psych. **23** (8), 701 - 714
299. Kohlboeck, G., Romanos, M., Tiesler, C., Koletzko, S., Kratzsch, J., Thiery, J., Bauer, C.-P., von Berg, A., Berdel, D., Hoffmann, B., Schaaf, B., **Lehmann, I.**, Herbarth, O., Heinrich, J. (2014):
Peer problems are associated with elevated serum leptin levels in children
Psychol. Med. **44** (2), 255 - 265
300. Konrad, O., Koch, F.F., Lumi, M., Tonetto, J.F., **Bezama, A.** (2014):
Potential of biogas production from swine manure supplemented with glycerine waste
Eng. Agric. **34** (5), 844 - 853
301. **Kopinke, F.-D., Georgi, A.** (2014):
Comments on "Reuse of semiconductor wastewater using reverse osmosis and metal-immobilized catalyst-based advanced oxidation process"
Ind. Eng. Chem. Res. **53** (48), 18585 - 18586
302. Körner, K., Pfestorf, H., **May, F.**, Jeltsch, F. (2014):
Modelling the effect of belowground herbivory on grassland diversity
Ecol. Model. **273**, 79 - 85
303. Körner, P., Plunke, T., **Sachse, A., Böttcher, N., Naumov, D., Kolditz, O.**, Bernhofer, C. (2014):
Inverse determination of groundwater inflow using water balance simulations
Environ. Earth Sci. **72** (12), 4757 - 4769
304. Kosakowski, G., **Watanabe, N.** (2014):
OpenGeoSys-Gem: A numerical tool for calculating geochemical and porosity changes in saturated and partially saturated media
Phys. Chem. Earth **70-71**, 138 - 149

305. Kötschau, A., Büchel, G., Einax, J.W., **Meißner, R.**, von Tümping, W., Merten, D. (2014): Element pattern recognition and classification in sunflowers (*Helianthus annuus*) grown on contaminated and non-contaminated soil
Microchem J. **114**, 164 - 174
306. **Kötschau, A.**, Büchel, G., Einax, J.W., Mirgorodsky, D., **Meißner, R.**, von Tümping, W., Merten, D. (2014): Element contents in shoots of sunflower (*Helianthus annuus*): Prediction versus measuring
Chem. Erde-Geochem. **74** (3), 385 - 391
307. **Kötschau, A.**, Büchel, G., Einax, J.W., **von Tümping, W.**, Merten, D. (2014): Sunflower (*Helianthus annuus*): phytoextraction capacity for heavy metals on a mining-influenced area in Thuringia, Germany
Environ. Earth Sci. **72** (6), 2023 - 2031
308. Kowal, V.A., Schmolke, A., **Kanagaraj, R.**, Bruggeman, D. (2014): Resource selection probability functions for gopher tortoise: providing a management tool applicable across the species' range
Environ. Manage. **53** (3), 594 - 605
309. Krause, S., Boano, F., Cuthbert, M.O., **Fleckenstein, J.H.**, Lewandowski, J. (2014): Understanding process dynamics at aquifer-surface water interfaces: An introduction to the special section on new modeling approaches and novel experimental technologies
Water Resour. Res. **50** (2), 1847 - 1855
310. **Kraushaar, S.**, Herrmann, N., Ollesch, G., **Vogel, H.-J.**, Siebert, C. (2014): Mound measurements — quantifying medium-term soil erosion under olive trees in Northern Jordan
Geomorphology **213**, 1 - 12
311. Kreibich, H., van den Bergh, J.C.J.M., Bouwer, L.M., Bubeck, P., Ciavola, P., Green, C., Hallegatte, S., Logar, I., **Meyer, V.**, Schwarze, R., Thielen, A.H. (2014): Costing natural hazards
Nat. Clim. Chang. **4** (5), 303 - 306
312. Kreling, J., **Bravidor, J.**, McGinnis, D.F., **Koschorreck, M.**, Lorke, A. (2014): Physical controls of oxygen fluxes at pelagic and benthic oxyclines in a lake
Limnol. Oceanogr. **59** (5), 1637 - 1650
313. **Krellenberg, K.**, Barth, K. (2014): Inter- and transdisciplinary research for planning climate change adaptation responses: the example of Santiago de Chile
Interdiscip. Sci. Rev. **39** (4), 360 - 375

314. **Krellenberg, K., Link, F., Welz, J.**, Harris, J., **Barth, K.**, Irarrazaval, F. (2014):
Supporting local adaptation: The contribution of socio-environmental fragmentation to urban vulnerability
Appl. Geogr. **55**, 61 - 70
315. **Krellenberg, K., Welz, J.**, Reyes-Päcke, S. (2014):
Urban green areas and their potential for social interaction - A case study of a socio-economically mixed neighbourhood in Santiago de Chile
Habitat Int. **44**, 11 - 21
316. **Kroeger, I., Liess, M., Duquesne, S.** (2014):
Temporal and spatial habitat preferences and biotic interactions between mosquito larvae and antagonistic crustaceans in the field
J. Vector Ecol. **39** (1), 103 - 111
317. **Krohn, S.**, Böhm, S., Engelmann, C., Hartmann, J., Brodzinski, A., **Chatzinotas, A.**, Zeller, K., Prywerek, D., **Fetzer, I.**, Berg, A. (2014):
Application of qualitative and quantitative real-time PCR, direct sequencing, and terminal restriction fragment length polymorphism analysis for detection and identification of polymicrobial 16S rRNA genes in ascites
J. Clin. Microbiol. **52** (5), 1754 - 1757
318. Krug, H.F., Wick, P., Hirsch, C., **Kühnel, D.**, Marquardt, C., Nau, K., Mathes, B., **Steinbach, C.** (2014):
Im Gleichgewicht? Risikoforschung zu Nanomaterialien : die internationale Risikodebatte zur Nanotechnologie und zu möglichen Vorsorgemaßnahmen für Arbeitsplatz und Verbraucher
Arbeitsmedizin, Sozialmedizin, Umweltmedizin : ASU **43** (1), 6 - 18
319. **Krumbiegel, P.** (2014):
Our journal is now 50 years old Part 1: How it all started
Isot. Environ. Health Stud. **50** (4), 425 - 427
320. **Kühnel, D.**, Marquardt, C., Nau, K., Krug, H.F., Mathes, B., Steinbach, C. (2014):
Environmental impacts of nanomaterials: providing comprehensive information on exposure, transport and ecotoxicity - the project DaNa2.0
Environmental Sciences Europe **26**, art. 21
321. **Kühnel, D.**, Nickel, C. (2014):
The OECD expert meeting on ecotoxicology and environmental fate — towards the development of improved OECD guidelines for the testing of nanomaterials
Sci. Total Environ. **472**, 347 - 353

322. **Kuppardt, A., Kleinstuber, S., Vogt, C., Lüders, T., Harms, H., Chatzinotas, A.** (2014): Phylogenetic and functional diversity within toluene-degrading, sulphate-reducing consortia enriched from a contaminated aquifer
Environ. Microbiol. **68** (2), 222 - 234
323. Küpper, H., **Mattusch, J.**, Peiter, E., Schmelzer, C., **Stärk, H.-J.** (2014): Biochemical and physiological evidence characterising chromium as a new essential ultra-micronutrient
J. Biol. Inorg. Chem. **19** (Suppl. 2), S726 - S726
324. **Kurth, F.**, Mailänder, S., **Bönn, M.**, **Feldhahn, L.**, **Herrmann, S.**, Große, I., **Buscot, F.**, Schrey, S.D., **Tarkka, M.T.** (2014): *Streptomyces*-induced resistance against oak powdery mildew involves host plant responses in defense, photosynthesis, and secondary metabolism pathways
Mol. Plant-Microbe Interact. **27** (9), 891 - 900
325. La Sorte, F.A., Aronson, M.F.J., Williams, N.S.G., Celesti-Grapow, L., Cilliers, S., Clarkson, B.D., Dolan, R.W., Hipp, A., **Klotz, S.**, **Kühn, I.**, Pyšek, P., Siebert, S., **Winter, M.** (2014): Beta diversity of urban floras among European and non-European cities
Glob. Ecol. Biogeogr. **23** (7), 769 - 779
326. Lange, M., Habekost, M., **Roscher, C.**, Bessler, H., Engels, C., Oelmann, Y., Scheu, S., Wilcke, W., Schulze, E.-D., Gleixner, G. (2014): Biotic and abiotic properties mediating plant diversity effects on soil microbial communities in an experimental grassland
PLOS One **9** (5), e96182
327. **Lange, M.**, **Siemen, H.**, Blome, S., **Thulke, H.-H.** (2014): Analysis of spatio-temporal patterns of African swine fever cases in Russian wild boar does not reveal an endemic situation
Prev. Vet. Med. **117** (2), 317 - 325
328. Larondelle, N., **Haase, D.**, **Kabisch, N.** (2014): Mapping the diversity of regulating ecosystem services in European cities
Glob. Environ. Change **26** , 119 - 129
329. Larondelle, N., Hamstead, Z.A., Kremer, P., **Haase, D.**, McPhearson, T. (2014): Applying a novel urban structure classification to compare the relationships of urban structure and surface temperature in Berlin and New York City
Appl. Geogr. **53** , 427 - 437

330. **Lauf, S., Haase, D., Kleinschmit, B.** (2014):
Linkages between ecosystem services provisioning, urban growth and shrinkage – A modeling approach assessing ecosystem service trade-offs
Ecol. Indic. **42**, 73 - 94
331. **Lausch, A.**, Schmidt, A., Tischendorf, L. (2014):
Data mining and linked open data – New perspectives for data analysis in environmental research
Ecol. Model. **295**, 5 - 17
332. Lauterböck, B., **Nikolausz, M., Lv, Z.**, Baumgartner, A., Liebhard, G., Fuchs, W. (2014):
Improvement of anaerobic digestion performance by continuous nitrogen removal with a membrane contactor treating a substrate rich in ammonia and sulfide
Bioresour. Technol. **158**, 209 - 216
333. **Lazik, D.** (2014):
Membrane-based characterization of a gas component — a transient sensor theory
Sensors **14** (3), 4599 - 4617
334. Le Bagousse-Pinguet, Y., de Bello, F., **Vandewalle, M.**, Leps, J., Sykes, M.T. (2014):
Species richness of limestone grasslands increases with trait overlap: evidence from within- and between-species functional diversity partitioning
J. Ecol. **102** (2), 466 - 474
335. **Lehmann, P., Strunz, S., Gawel, E., Korte, K.** (2014):
EU-Energiepolitik nach dem Jahr 2020 : Vorteile eines Ziel- und Instrumentenmixes. EU energy policy beyond 2020 : benefits of a policy mix
GAIA **23** (1), 60 - 61
336. Leidel, M., **Hagemann, N.**, Seegert, J., Weigelt, C., Zakorchevna, N., Blumensaat, F. (2014):
Supporting decisions in water management by exploring information and capacity gaps: experiences from an IWRM study in the Western Bug River Basin, Ukraine
Environ. Earth Sci. **72** (12), 4771 - 4786
337. **Lentendu, G., Wubet, T., Chatzinotas, A., Wilhelm, C., Buscot, F., Schlegel, M.** (2014):
Effects of long term differential fertilization on eukaryotic microbial communities in an arable soil: a multiple barcoding approach
Mol. Ecol. **23** (13), 3341 - 3355
338. Lieder, S., **Jahn, M., Seifert, J., von Bergen, M., Müller, S., Takors, R.** (2014):
Subpopulation-proteomics reveal growth rate, but not cell cycling, as a major impact on protein composition in *Pseudomonas putida* KT2440
AMB Express **4**, art. 71

339. **Lienhoop, N.**, Al-Karablieh, E.K., Salman, A.Z., **Cardona, J.A.** (2014): Environmental cost–benefit analysis of decentralised wastewater treatment and re-use: a case study of rural Jordan
Water Policy **16** (2), 323 - 339
340. **Lin, Y.**, Huth, F., Berger, U., **Grimm, V.** (2014): The role of belowground competition and plastic biomass allocation in altering plant mass–density relationships
Oikos **123** (2), 248 - 256
341. Lin, Y.-P., Huang, C.-W., Ding, T.-S., Wang, Y.-C., Hsiao, W.-T., Crossman, N.D., Lengyel, S., Lin, W.-C., **Schmeller, D.S.** (2014): Conservation planning to zone protected areas under optimal landscape management for bird conservation
Environ. Modell. Softw. **60** , 121 - 133
342. Lisiecki, P., Chrzanowski, Ł., Szulc, A., Ławniczak, Ł., Białas, W., Dziadas, M., Owsiania, M., Staniewski, J., Cyplik, P., Marecik, R., Jeleń, H., **Heipieper, H.J.** (2014): Biodegradation of diesel/biodiesel blends in saturated sand microcosms
Fuel **116** , 321 - 327
343. Litzenburger, U.M., Opitz, C.A., Sahm, F., Rauschenbach, K.J., **Trump, S.**, **Winter, M.**, Ott, M., Ochs, K., Lutz, C., Liu, X., Anastasov, N., **Lehmann, I.**, Höfer, T., von Deimling, A., Wick, W., Platten, M. (2014): Constitutive IDO expression in human cancer is sustained by an autocrine signaling loop involving IL-6, STAT3 and the AHR
Oncotarget **5** (4), 1038 - 1051
344. Liu, W., **Bocaniov, S.A.**, Lamb, K.G., Smith, R.E.H. (2014): Three dimensional modeling of the effects of changes in meteorological forcing on the thermal structure of Lake Erie
J. Gt. Lakes Res. **40** (4), 827 - 840
345. Liu, Y.J., Liu, Z., Wang, F., Chen, Y.P., **Kuschk, P.**, Wang, X.C. (2014): Regulation of aerobic granular sludge reformulation after granular sludge broken: Effect of poly aluminum chloride (PAC)
Bioresour. Technol. **158** , 201 - 208
346. Lombardo, A., Roncaglioni, A., Benfenati, E., Nendza, M., Segner, H., Jeram, S., Pauné, E., **Schüürmann, G.** (2014): Optimizing the aquatic toxicity assessment under REACH through an integrated testing strategy (ITS)
Environ. Res. **135** , 156 - 164

347. Lombardo, A., Roncaglioni, A., Benfentati, E., Nendza, M., Segner, H., Fernández, A., **Kühne, R.**, Franco, A., Pauné, E., **Schüürmann, G.** (2014): Integrated testing strategy (ITS) for bioaccumulation assessment under REACH
Environ. Int. **69**, 40 - 50
348. Loranger, H., Weisser, W.W., Ebeling, A., Eggers, T., De Luca, E., Loranger, J., **Roscher, C.**, Meyer, S.T. (2014): Invertebrate herbivory increases along an experimental gradient of grassland plant diversity
Oecologia **174** (1), 183 - 193
349. Lozza, L., Farinacci, M., Faé, K., Bechtle, M., Stäber, M., Dorhoi, A., **Bauer, M.**, Ganoza, C., Weber, S., Kaufmann, S.H.E. (2014): Crosstalk between human DC subsets promotes antibacterial activity and CD8⁺ T-cell stimulation in response to bacille Calmette-Guérin
Eur. J. Immunol. **44** (1), 80 - 92
350. **Luckenbach, T.**, Fischer, S., Sturm, A. (2014): Current advances on ABC drug transporters in fish : review
Comp. Biochem. Physiol. C-Toxicol. Pharmacol. **165**, 28 - 52
351. Ludewig, K., **Korell, L.**, **Löffler, F.**, **Scholz, M.**, Mosner, E., Jensen, K. (2014): Vegetation patterns of floodplain meadows along the climatic gradient at the Middle Elbe River
Flora **209** (8), 446 - 455
352. Luyssaert, S., Jammet, M., Stoy, P.C., Estel, S., Pongratz, J., Ceschia, E., Churkina, G., Don, A., Erb, K., Ferlicoq, M., Gielen, B., Grunwald, T., Houghton, R.A., Klumpp, K., Knohl, A., Kolb, T., Kuemmerle, T., Laurila, T., Lohila, A., Loustau, D., McGrath, M.J., Meyfroidt, P., Moors, E.J., Naudts, K., Novick, K., Otto, J., Pilegaard, K., Pio, C.A., Rambal, S., **Rebmann, C.**, Ryder, J., Suyker, A.E., Varlagin, A., Wattenbach, M., Dolman, A.J. (2014): Land management and land-cover change have impacts of similar magnitude on surface
Nat. Clim. Chang. (4), 389 - 393
353. **Lv, Z.**, **Hu, M.**, **Harms, H.**, **Richnow, H.H.**, Liebetrau, J., **Nikolausz, M.** (2014): Stable isotope composition of biogas allows early warning of complete process failure as a result of ammonia inhibition in anaerobic digesters
Bioresour. Technol. **167**, 251 - 259
354. **Lv, Z.**, **Leite, A. F.**, **Harms, H.**, **Richnow, H.H.**, Liebetrau, J., **Nikolausz, M.** (2014): Influences of the substrate feeding regime on methanogenic activity in biogas reactors approached by molecular and stable isotope methods
Anaerobe **29**, 91 - 99

355. **Macherius, A.**, Lapen, D.R., **Reemtsma, T.**, Römbke, J., Topp, E., Coors, A. (2014): Triclocarban, triclosan and its transformation product methyl triclosan in native earthworm species four years after a commercial-scale biosolids application
Sci. Total Environ. **472**, 235 - 238
356. **Macherius, A.**, **Seiwert, B.**, Schröder, P., Huber, C., Lorenz, W., **Reemtsma, T.** (2014): Identification of plant metabolites of environmental contaminants by UPLC-QToF-MS: the in vitro metabolism of triclosan in horseradish
J. Agric. Food Chem. **62** (5), 1001 - 1009
357. MacIntyre, E.A., Brauer, M., Melén, E., Bauer, C.P., **Bauer, M.**, Berdel, D., Bergström, A., Brunekreef, B., Chan-Yeung, M., Klümper, C., Fuertes, E., Gehring, U., Gref, A., Heinrich, J., Herbarth, O., Kerkhof, M., Koppelman, G.H., Kozyrskyj, A.L., Pershagen, G., Postma, D.S., Thiering, E., Tiesler, C.M.T., Carlsten, C. (2014): *GSTP1* and *TNF* gene variants and associations between air pollution and incident childhood asthma: the Traffic, Asthma and Genetics (TAG) study
Environ. Health Perspect. **122** (4), 418 - 424
358. Majzlan, J., Plášil, J., Škoda, R., Gescher, J., Kögler, F., Rusznyak, A., Küsel, K., **Neu, T.R.**, Mangold, S., Rothe, J. (2014): Arsenic-rich acid mine water with extreme arsenic concentration: mineralogy, geochemistry, microbiology, and environmental implications
Environ. Sci. Technol. **48** (23), 13685 - 13693
359. **Malaj, E.**, **von der Ohe, P.C.**, Grote, M., **Kühne, R.**, Mondy, C.P., Usseglio-Polatera, P., **Brack, W.**, Schäfer, R.B. (2014): Organic chemicals jeopardize the health of freshwater ecosystems on the continental scale
Proc. Natl. Acad. Sci. U.S.A. **111** (26), 9549 - 9554
360. **Mallast, U.**, Gloaguen, R., **Friesen, J.**, **Rödiger, T.**, **Geyer, S.**, **Merz, R.**, **Siebert, C.** (2014): How to identify groundwater-caused thermal anomalies in lakes based on multi-temporal satellite data in semi-arid regions
Hydrol. Earth Syst. Sci. **18** (7), 2773 - 2787
361. **Manceur, A.M.**, **Kühn, I.** (2014): Inferring model-based probability of occurrence from preferentially sampled data with uncertain absences using expert knowledge
Methods Ecol. Evol. **5** (8), 739 - 750
362. **Mannschatz, T.**, Pflug, B., Borg, E., Feger, K.-H., **Dietrich, P.** (2014): Uncertainties of LAI estimation from satellite imaging due to atmospheric correction
Remote Sens. Environ. **153**, 24 - 39

363. **Marcus, H., Wey, J.K., Norf, H., Weitere, M.** (2014):
Disturbance alters the response of consumer communities towards warming: a mesocosm study with biofilm-dwelling ciliates
Ecosphere **5** (1), art10
364. **Mariana Morais, F., Buchholz, F., Hartmann, T., Lerchner, J., Neu, T.R., Kiesel, B., Harms, H., Maskow, T.** (2014):
Chip-calorimetric monitoring of biofilm eradication with bacteriophages reveals an unexpected infection-related heat profile
J. Therm. Anal. Calorim. **115** (3), 2203 - 2210
365. Markovic, D., Carrizo, S., Freyhof, J., Cid, N., Lengyel, S., **Scholz, M., Kasperidus, H.D.**, Darwall, W. (2014):
Europe's freshwater biodiversity under climate change: distribution shifts and conservation needs
Divers. Distrib. **20** (9), 1097 - 1107
366. Maron, J.L., **Auge, H.**, Pearson, D.E., **Korell, L.**, Hensen, I., Suding, K.N., **Stein, C.** (2014):
Staged invasions across disparate grasslands: effects of seed provenance, consumers and disturbance on productivity and species richness
Ecol. Lett. **17** (4), 499 - 507
367. **Marozava, S.**, Röling, W.F.M., Seifert, J., Küffner, R., **von Bergen, M.**, Meckenstock, R.U. (2014):
Physiology of *Geobacter metallireducens* under excess and limitation of electron donors. Part II. Mimicking environmental conditions during cultivation in retentostats
Syst. Appl. Microbiol. **37** (4), 287 - 295
368. **Marozava, S.**, Röling, W.F.M., Seifert, J., Küffner, R., **von Bergen, M.**, Meckenstock, R.U. (2014):
Physiology of *Geobacter metallireducens* under excess and limitation of electron donors. Part I. Batch cultivation with excess of carbon sources
Syst. Appl. Microbiol. **37** (4), 277 - 286
369. **Martin, B.**, Jager, T., Nisbet, R.M., Preuss, T.G., **Grimm, V.** (2014):
Limitations of extrapolating toxic effects on reproduction to the population level
Ecol. Appl. **24** (8), 1972 - 1983
370. **Martin, R., Müller, B., Linstädter, A., Frank, K.** (2014):
How much climate change can pastoral livelihoods tolerate? Modelling rangeland use and evaluating risk
Glob. Environ. Change **24** , 183 - 192

371. Mascarenhas, A., Ramos, T.B., **Haase, D.**, Santos, R. (2014):
Integration of ecosystem services in spatial planning: a survey on regional planners' views
Landsc. Ecol. **29** (8), 1287 - 1300
372. **Maskow, T., Mariana Morais, F., Rosa, L.F.M., Qian, Y.G., Harnisch, F.** (2014):
Insufficient oxygen diffusion leads to distortions of microbial growth parameters assessed
by isothermal microcalorimetry
RSC Advances **4** (62), 32730 - 32737
373. **Masson, T.,** Fritsche, I. (2014):
Adherence to climate change-related ingroup norms: Do dimensions of group
identification matter?
Eur. J. Soc. Psychol. **44** (5), 455 - 465
374. Maxwell, R.M., Putti, M., Meyerhoff, S., **Delfs, J.-O.**, Ferguson, I.M., Ivanov,
V., Kim, J., **Kolditz, O.**, Kollet, S.J., Kumar, M., Lopez, S., Niu, J., Paniconi, C., Park,
Y.-J., Phanikumar, M.S., Shen, C., Sudicky, E.A., Sulis, M. (2014):
Surface-subsurface model intercomparison: a first set of benchmark results to diagnose
integrated hydrology and feedbacks
Water Resour. Res. **50** (2), 1531 - 1549
375. **Mayer, T.** (2014):
Book Review: Ion mobility spectrometry, 3rd ed. by G.A. Eiceman, Z. Karpas and H.H.
Hill, Jr., CRC Press, Taylor & Francis Group, Boca Raton, FL, USA, December 2013,
ISBN: 978-1439859971
International Journal for Ion Mobility Spectrometry **17** (3), 103 - 104
376. **Mayer, T., Borsdorf, H.** (2014):
Accuracy of ion mobility measurements dependent on the influence of humidity
Anal. Chem. **86** (10), 5059 - 5076
377. McIntyre, N., Ballard, C., Bruen, M., **Bulygina, N.**, Buytaert, W., Cluckie, I.,
Dunn, S., Ehret, U., Ewen, J., Gelfan, A., Hess, T., Hughes, D., Jackson, B.,
Kjeldsen, T.R., **Merz, R.**, Park, J.-S., O'Connell, E., O'Donnell, G., Oudin, L., Todini, E.,
Wagener, T., Wheater, H. (2014):
Modelling the hydrological impacts of rural land use change
Hydrol. Res. **45** (6), 737 - 754
378. McNair Sr., A., Nakagawa, S., **Grimm, V.** (2014):
The evolutionary consequences of disrupted male mating signals: an agent-based
modelling exploration of endocrine disrupting chemicals in the guppy
PLOS One **9** (7), e103100

379. Meister, J., Le Duc, D., Ricken, A., Burkhardt, R., Thiery, J., Pfannkuche, H., **Polte, T.**, Grosse, J., Schöneberg, T., Schulz, A. (2014):
The G protein-coupled receptor P2Y₁₄ influences insulin release and smooth muscle function in mice
J. Biol. Chem. **289**, 23353 - 23366
380. Meli, M., Palmqvist, A., Forbes, V.E., **Groeneveld, J.**, Grimm, V. (2014):
Two pairs of eyes are better than one: Combining individual-based and matrix models for ecological risk assessment of chemicals
Ecol. Model. **280**, 40 - 52
381. Merz, B., Aerts, J., Arnbjerg-Nielsen, K., Baldi, M., Becker, A., Bichet, A., Blöschl, G., Bouwer, L.M., Brauer, A., Cioffi, F., Delgado, J.M., Gocht, M., Guzzetti, F., Harrigan, S., Hirschboeck, K., Kilsby, C., Kron, W., Kwon, H.-H., Lall, U., **Merz, R.**, Nissen, K., Salvatti, P., Swierczynski, T., Ulbrich, U., Viglione, A., Ward, P.J., Weiler, M., Wilhelm, B., Nied, M. (2014):
Floods and climate: emerging perspectives for flood risk assessment and management
Nat. Hazards Earth Syst. Sci. **14** (7), 1921 - 1942
382. Meyer, C., Matzdorf, B., Müller, K., **Schleyer, C.** (2014):
Cross Compliance as payment for public goods? Understanding EU and US agricultural policies
Ecol. Econ. **107**, 185 - 194
383. Meyer, K.M., Soldaat, L.L., **Auge, H.**, **Thulke, H.-H.** (2014):
Adaptive and selective seed abortion reveals complex conditional decision making in plants
Am. Nat. **183** (3), 376 - 383
384. **Meyer, M.A.**, Priess, J.A. (2014):
Indicators of bioenergy-related certification schemes - An analysis of the quality and comprehensiveness for assessing local/regional environmental impacts
Biomass Bioenerg. **65**, 169 - 151
385. **Meyer, M.A.**, Weiss, A. (2014):
Life cycle costs for the optimized production of hydrogen and biogas from microalgae
Energy **78**, 84 - 93
386. Mihajlovic, J., Giani, L., **Stärk, H.-J.**, **Rinklebe, J.** (2014):
Concentrations and geochemical fractions of rare earth elements in two different marsh soil profiles at the North Sea, Germany
J. Soils Sediments **14** (8), 1417 - 1433

387. Mihajlovic, J., **Stärk, H.-J.**, Rinklebe, J. (2014):
Geochemical fractions of rare earth elements in two floodplain soil profiles at the Wupper River, Germany
Geoderma **228-229**, 160 - 172
388. **Mihoub, J.-B.**, Jiguet, F., Lécuyer, P., Eliotout, B., Sarrazin, F. (2014):
Modelling nesting site suitability in a population of reintroduced Eurasian black vultures *Aegypius monachus* in the Grands Causses, France
Oryx **48** (1), 116 - 124
389. **Mihoub, J.-B.**, Prince, K., Duriez, O., Lécuyer, P., Eliotout, B., Sarrazin, F. (2014):
Comparing the effects of release methods on survival of the Eurasian black vulture *Aegypius monachus* reintroduced in France
Oryx **48** (1), 106 - 115
390. Milcu, A., **Roscher, C.**, Gessler, A., **Bachmann, D.**, Gockele, M., Guderle, M., Landais, D., Piel, C., Escape, C., Devidal, S., Ravel, O., Buchmann, N., Gleixner, G., **Hildebrandt, A.**, Roy, J. (2014):
Functional diversity of leaf nitrogen concentrations drives grassland carbon fluxes
Ecol. Lett. **17** (4), 435 - 444
391. Mishra, P.K., Anoop, A., Jehangir, A., Prasad, S., Menzel, P., Schettler, G., Naumann, R., **Weise, S.**, Andersen, N., Yousuf, A.R., Gaye, B. (2014):
Limnology and modern sedimentation patterns in high altitude Tso Moriri Lake, NW Himalaya – implications for proxy development
Fundam. Appl. Limnol. **185** (3-4), 329 - 348
392. **Mishra, S.**, **Stärk, H.-J.**, Küpper, H. (2014):
A different sequence of events than previously reported leads to arsenic-induced damage in *Ceratophyllum demersum* L.
Metallomics **6** (3), 444 - 454
393. Mittasch, J., Böttcher, C., Frolova, N., **Bönn, M.**, Milkowski, C. (2014):
Identification of UGT84A13 as a candidate enzyme for the first committed step of gallotannin biosynthesis in pedunculate oak (*Quercus robur*)
Phytochemistry **99**, 44 - 51
394. **Möckel, S.** (2014):
35 Jahre Europäische Vogelschutzrichtlinie im Lichte des EuGH und BVerwG
Nat. Recht **36** (6), 381 - 391
395. **Möckel, S.** (2014):
35 Years of the EU Birds Directive in the Light of the court practice of the European Court of Justice and the German Federal Administrative Court
JEEPL **11** (4), 392 - 418

396. Montagner, C.C., Jardim, W.F., **von der Ohe, P.C.**, Umbuzeiro, G.A. (2014): Occurrence and potential risk of triclosan in freshwaters of São Paulo, Brazil — the need for regulatory actions
Environ. Sci. Pollut. Res. **21** (3), 1850 - 1858
397. Morcillo, F., Gonzalez-Munoz, M.T., **Reitz, T.**, Romero-Gonzalez, M.E., Arias, J.M., Merroun, M.L. (2014): Biosorption and Biomineralization of U(VI) by the marine bacterium *Idiomarina loihiensis* MAH1: effect of background electrolyte and pH
PLOS One **9** (3), e91305
398. Morris, B.E.L., Gissibl, A., **Kümmel, S.**, **Richnow, H.-H.**, Boll, M. (2014): A PCR-based assay for the detection of anaerobic naphthalene degradation
FEMS Microbiol. Lett. **354** (1), 55 - 59
399. Morris, E.K., Caruso, T., **Buscot, F.**, Fischer, M., Hancock, C., Maier, T.S., Meiners, T., Müller, C., Obermaier, E., Prati, D., Socher, S.A., Sonnemann, I., Wäschke, N., **Wubet, T.**, Wurst, S., Rillig, M.C. (2014): Choosing and using diversity indices: insights for ecological applications from the German Biodiversity Exploratories
Ecol. Evol. **4** (18), 3514 - 3524
400. **Moynihan, R.**, **Magsig, B.-O.** (2014): The rising role of regional approaches in international water law: Lessons from the UNECE water regime and Himalayan Asia for strengthening transboundary water cooperation
RECIEL **23** (1), 43 - 58
401. Muehe, E.M., Eisele, J.A., **Daus, B.**, Kappler, A., Harter, K., Chaban, C. (2014): Are rice (*Oryza sativa* L.) phosphate transporters regulated similarly by phosphate and arsenate? A comprehensive study
Plant Mol.Biol. **85** (3), 301 - 316
402. Mueller, T., **Dressler, G.**, Tucker, C.J., Pinzon, J.E., Leimgruber, P., Dubayah, R.O., Hurt, G.C., Böhning-Gaese, K., Fagan, W.F. (2014): Human land-use practices lead to global long-term increases in photosynthetic capacity
Remote Sensing **6** (6), 5717 - 5731
403. **Müller, B.**, Balbi, S., **Buchmann, C.M.**, de Sousa, L., **Dressler, G.**, **Groeneveld, J.**, **Klassert, C.J.**, Le, Q.B., Millington, J.D.A., **Nolzen, H.**, Parker, D.C., Polhill, J.G., Schlüter, M., **Schulze, J.**, **Schwarz, N.**, Sun, Z., Taillardier, P., **Weise, H.** (2014): Standardised and transparent model descriptions for agent-based models: current status and prospects
Environ. Modell. Softw. **55** , 156 - 163

404. Müller, C., Laughlin, R.J., **Spott, O.**, Rütting, T. (2014):
Quantification of N₂O emission pathways via a ¹⁵N tracing model
Soil Biol. Biochem. **72**, 44 - 54
405. Müller, E.N., van Schaik, L., Blume, T., Bronstert, A., Carus, J., **Fleckenstein, J.H.**, Fohrer, N., Geißler, K., Gerke, H.H., Graeff, T., Hesse, C., Hildebrandt, A., Hölker, F., Hunke, P., Körner, K., Lewandowski, J., Lohmann, D., Meinikmann, K., Schibalski, A., Schmalz, B., Schröder, B., Tietjen, B. (2014):
Skalen, Schwerpunkte, Rückkopplungen und Herausforderungen der ökohydrologischen Forschung in Deutschland. Scales, key aspects, feedbacks and challenges of ecohydrological research in Germany
Hydrol. Wasserbewirtsch. **58** (4), 221 - 240
406. **Musat, N., Stryhanyuk, H., Bombach, P., Adrian, L., Audinot, J.-N., Richnow, H.H.** (2014):
The effect of FISH and CARD-FISH on the isotopic composition of ¹³C- and ¹⁵N-labeled *Pseudomonas putida* cells measured by nanoSIMS
Syst. Appl. Microbiol. **37** (4), 267 - 276
407. Mussotter, F., Haase, A., **Tomm, J.M.**, El Ali, Z., Kerdine-Römer, S., Pallardy, M., **von Bergen, M.**, Luch, A. (2014):
A proteomics approach to elucidate the role of Nrf2 in primary bone-marrow-derived dendritic cells of mice upon activation by contact allergens
Toxicol. Lett. **229** (Suppl.), S203
408. Nadrowski, K., Pietsch, K., Baruffol, M., Both, S., **Gutknecht, J.**, Bruelheide, H., Heklau, H., Kahl, A., Kahl, T., Niklaus, P., Kröber, W., Liu, X., Mi, X., **Michalski, S.**, von Oheimb, G., Purschke, O., Schmid, B., Fang, T., Welk, E., Wirth, C. (2014):
Tree species traits but not diversity mitigate stem breakage in a subtropical forest following a rare and extreme ice storm
PLOS One **9** (5), e96022
409. **Nagel, T., Shao, H.**, Roßkopf, C., Linder, M., Wörner, A., **Kolditz, O.** (2014):
The influence of gas–solid reaction kinetics in models of thermochemical heat storage under monotonic and cyclic loading
Appl. Energy **136** , 289 - 302
410. Nair, S., **Karimzadeh, L.**, Merkel, B.J. (2014):
Sorption of uranyl and arsenate on SiO₂, Al₂O₃, TiO₂ and FeOOH
Environ. Earth Sci. **72** (9), 3507 - 3512
411. **Naumov, D., Bilke, L., Kolditz, O.** (2014):
Rendering technique of multi-layered domain boundaries and its application to fluid flow in porous media visualizations
Environ. Earth Sci. **72** (10), 3795 - 3802

412. Naveed, M., Moldrup, P., Arthur, E., Holmstrup, M., Nicolaisen, M., Tuller, M., Herath, L., Hamamoto, S., Kawamoto, K., Komatsu, T., **Vogel, H.-J.**, de Jonge, L.W. (2014):
Simultaneous loss of soil biodiversity and functions along a copper contamination gradient: When soil goes to sleep
Soil Sci. Soc. Am. J. **78** (4), 1239 - 1250
413. Naveed, M., Moldrup, P., **Vogel, H.-J.**, Lamandé, M., Wildenschild, D., Tuller, M., de Jonge, L.W. (2014):
Impact of long-term fertilization practice on soil structure evolution
Geoderma **217-218** , 181 - 189
414. Nguyen, H., Wiegand, K., **Getzin, S.** (2014):
Spatial patterns and demographics of *Streblus macrophyllus* trees in a tropical evergreen forest, Vietnam
J. Trop. For. Sci. **26** (3), 309 - 319
415. **Nikolaus, N., Strehlitz, B.** (2014):
DNA-aptamers binding aminoglycoside antibiotics
Sensors **14** (2), 3737 - 3755
416. Nimptsch, J., Woelfl, S., Kronvang, B., Gieseck, R., González, H.E., Caputo, L., Gelbrecht, J., **von Tuempling, W.**, Graeber, D. (2014):
Does filter type and pore size influence spectroscopic analysis of freshwater chromophoric DOM composition?
Limnologica **48** , 57 - 64
417. Noh, S.J., **Rakovec, O.**, Weerts, A.H., Tachikawa, Y. (2014):
On noise specification in data assimilation schemes for improved flood forecasting using distributed hydrological models
J. Hydrol. **519, Part D** , 2707 - 2721
418. Nowicki, P., Vrabec, V., Binzenhöfer, B., Feil, J., Zakšek, B., Hovestadt, T., **Settele, J.** (2014):
Butterfly dispersal in inhospitable matrix: rare, risky, but long-distance
Landscape Ecol. **29** (3), 401 - 412
419. **Nyman, A.-M.**, Schirmer, K., Ashauer, R. (2014):
Importance of toxicokinetics for interspecies variation in sensitivity to chemicals
Environ. Sci. Technol. **48** (10), 5946 - 5954

420. Oberbach, A., Neuhaus, J., **Jehmlich, N.**, Schlichting, N., Heinrich, M., Kullnick, Y., Mohr, F.-W., Kugler, J., **Baumann, S.**, Völker, U., Adams, V. (2014): A global proteome approach in uric acid stimulated human aortic endothelial cells revealed regulation of multiple major cellular pathways
Int. J. Cardiol. **176** (3), 746 - 752
421. Oberbach, A., Neuhaus, J., Schlichting, N., Kugler, J., **Baumann, S.**, Till, H. (2014): Sleeve gastrectomy reduces xanthine oxidase and uric acid in a rat model of morbid obesity
Surg. Obes. Relat. Dis. **10** (4), 684 - 690
422. Oberbach, A., Schlichting, N., Neuhaus, J., Kullnick, Y., Lehmann, S., Heinrich, M., Dietrich, A., Mohr, F.W., **von Bergen, M.**, **Baumann, S.** (2014): Establishing a reliable multiple reaction monitoring-based method for the quantification of obesity-associated comorbidities in serum and adipose tissue requires intensive clinical validation
J. Proteome Res. **13** (12), 5784 - 5800
423. **Oemisch, L., Goss, K.-U., Endo, S.** (2014): Ion exchange membranes as novel passive sampling material for organic ions: Application for the determination of freely dissolved concentrations
J. Chromatogr. A **1370** , 17 - 24
424. Oomen, A.G., Bos, P.M.J., Fernandes, T.F., Hund-Rinke, K., Boraschi, D., Byrne, H.J., Aschberger, K., Gottardo, S., von der Kammer, F., **Kühnel, D.**, Hristozov, D., Marcomini, A., Migliore, L., Scott-Fordsmand, J., Wick, P., Landsiedel, R. (2014): Concern-driven integrated approaches to nanomaterial testing and assessment – report of the NanoSafety Cluster Working Group 10
Nanotoxicology **8** (3), 334 - 348
425. Opitz, S., Küsel, K., **Spott, O.**, Totsche, K.U., **Herrmann, M.** (2014): Oxygen availability and distance to surface environments determine community composition and abundance of ammonia-oxidizing prokaryotes in two superimposed pristine limestone aquifers in the Hainich region, Germany
FEMS Microbiol.Ecol. **90** (1), 39 - 53
426. **Otto, B., Schlosser, D.** (2014): First laccase in green algae: purification and characterization of an extracellular phenol oxidase from *Tetraselmis aeria*
Planta **240** (6), 1225 - 1236
427. Oveisy, A., Rao, Y.R., Leon, L.F., **Bocaniov, S.A.** (2014): Three-dimensional winter modeling and the effects of ice cover on hydrodynamics, thermal structure and water quality in Lake Erie
J. Great Lakes Res. **40** (Suppl. 3), 19 - 28

428. **Paasche, H., Eberle, D.**, Das, S., Cooper, A., Debba, P., **Dietrich, P.**, Duden-Thlone, N., Gläßer, C., Kijko, A., Knobloch, A., **Lausch, A.**, Meyer, U., Smit, A., Stettler, E., **Werban, U.** (2014):
Are Earth Sciences lagging behind in data integration methodologies?
Environ. Earth Sci. **71** (4), 1997 - 2003
429. **Paasche, H.**, Tronicke, J. (2014):
Nonlinear joint inversion of tomographic data using swarm intelligence
Geophysics **79** (4), R133 - R149
430. **Pannier, A.**, Soltmann, U., Soltmann, B., **Altenburger, R.**, **Schmitt-Jansen, M.** (2014):
Alginate/silica hybrid materials for immobilization of green microalgae *Chlorella vulgaris* for cell-based sensor arrays
J. Mat. Chem. B **45** (2), 7896 - 7909
431. **Paul, G.H., Meißner, R.**, Ollesch, G. (2014):
Abschätzung von Auswirkungen des Klimawandels auf den Landschaftswasserhaushalt im Fläming. Assessment of climate change effects on landscape water balance of the Fläming
Wasserwirtschaft **104** (10), 23 - 28
432. Pause, M., **Lausch, A.**, Bernhardt, M., Hacker, J., Schulz, K. (2014):
Improving soil moisture data retrieval from airborne L-band radiometer data by considering spatially varying roughness
Can. J. Remote Sens. **40** (1), 15 - 25
433. Pavlova, V., Nabe-Nielsen, J., Dietz, R., Svenning, J.-C., Vorkamp, K., Rigét, F.F., Sonne, C., Letcher, R.J., **Grimm, V.** (2014):
Field metabolic rate and PCB adipose tissue deposition efficiency in East Greenland polar bears derived from contaminant monitoring data
PLOS One **9** (8), e104037
434. **Pe'er, G.**, Dicks, L.V., Visconti, P., Arlettaz, R., Báldi, A., Benton, T.G., Collins, S., Dieterich, M., Gregory, R.D., Hartig, F., **Henle, K.**, Hobson, P.R., Kleijn, D., **Neumann, R.K.**, Robijns, T., **Schmidt, J.**, Shwartz, A., Sutherland, W.J., Turbé, A., **Wulff, F.**, Scott, A.V. (2014):
EU agricultural reform fails on biodiversity. Extra steps by Member States are needed to protect farmed and grassland ecosystems
Science **344** (6188), 1090 - 1092
435. **Pe'er, G.**, Tsianou, M.A., Franz, K.W., Matsinos, Y.G., Mazaris, A.D., Storch, D., Kopsova, L., Verboom, J., Baguette, M., Stevens, V.M., **Henle, K.** (2014):
Toward better application of minimum area requirements in conservation planning
Biol. Conserv. **170** , 92 - 102

436. Pei, Z., Flexeder, C., Fuertes, E., Standl, M., Buyken, A., Berdel, D., von Berg, A., **Lehmann, I.**, Schaaf, B., Heinrich, J. (2014):
Food intake and overweight in school-aged children in Germany: Results of the GINIplus and LISApplus studies
Ann. Nutr. Metab. **64** (1), 60 - 70
437. Pei, Z., Heinrich, J., Fuertes, E., Flexeder, C., Hoffmann, B., **Lehmann, I.**, Schaaf, B., von Berg, A., Koletzko, S. (2014):
Cesarean delivery and risk of childhood obesity
J. Pediatr. **164** (5), 1068 - 1073.e2
438. Peters, T., Klaassen, P.D., Mac Low, M.-M., **Schrön, M.**, Federrath, C., Smith, M.D., Klessen, R.S. (2014):
Collective outflow from a small multiple stellar system
Astrophys. J. **788** (1), art. 14
439. Petter, G., **Weitere, M.**, Richter, O., Moenckes, S. (2014):
Consequences of altered temperature and food conditions for individuals and populations: a Dynamic Energy Budget analysis for *Corbicula fluminea* in the Rhine
Freshw. Biol. **59** (4), 832 - 846
440. **Petzold, S.**, Averbeck, M., Simon, J.C., **Lehmann, I.**, **Polte, T.** (2014):
Lifetime-dependent effects of bisphenol A on asthma development in an experimental mouse model
PLOS One **9** (6), e100468
441. **Piayda, A.**, Dubbert, M., **Rebmann, C.**, Kolle, O., Costa e Silva, F., Correia, A., Pereira, J.S., Werner, C., **Cuntz, M.** (2014):
Drought impact on carbon and water cycling in a Mediterranean *Quercus suber* L. woodland during the extreme drought event in 2012
Biogeosciences **11** (24), 7159 - 7178
442. Pisa, L.W., Amaral-Rogers, V., Belzunces, L.P., Bonmatin, J.M., Downs, C.A., Goulson, D., Kreutzweiser, D.P., Krupke, C., **Liess, M.**, McField, M., Morrissey, C.A., Noome, D.A., **Settele, J.**, Simon-Delso, N., Stark, J.D., van der Sluijs, J., Van Dyck, H., **Wiemers, M.** (2014):
Effects of neonicotinoids and fipronil on non-target invertebrates
Environ. Sci. Pollut. Res. **22** (1), 68 - 102
443. Plieninger, T., van der Horst, D., **Schleyer, C.**, Bieling, C. (2014):
Sustaining ecosystem services in cultural landscapes
Ecol. Soc. **19** (2), Art. 59

444. **Poerschmann, J., Schultze-Nobre, L.** (2014):
Sorption determination of phenols and polycyclic aromatic hydrocarbons in a multiphase constructed wetland system by solid phase microextraction
Sci. Total Environ. **482-483**, 234 - 240
445. **Poerschmann, J., Schultze-Nobre, L.** (2014):
Structural characterization of organic intermediates arising from xylenol degradation by laboratory-scale constructed wetlands
Chemosphere **109**, 120 - 127
446. **Poerschmann, J., Weiner, B., Wedwitschka, H., Baskyr, I., Koehler, R., Kopinke, F.-D.** (2014):
Characterization of biocoals and dissolved organic matter phases obtained upon hydrothermal carbonization of brewer's spent grain
Bioresour. Technol. **164**, 162 - 169
447. Porrini, D., **Schwarze, R.** (2014):
Insurance models and European climate change policies: an assessment
Eur. J. Law Econ. **38** (1), 7 - 28
448. **Porsch, K.**, Rijal, M.L., Borch, T., Troyer, L.D., Behrens, S., Wehland, F., Appel, E., Kappler, A. (2014):
Impact of organic carbon and iron bioavailability on the magnetic susceptibility of soils
Geochim. Cosmochim. Acta **128**, 44 - 57
449. **Poser, A., Vogt, C., Knöller, K., Ahlheim, J., Weiss, H., Kleinstuber, S., Richnow, H.-H.** (2014):
Stable sulfur and oxygen isotope fractionation of anoxic sulfide oxidation by two different enzymatic pathways
Environ. Sci. Technol. **48** (16), 9094 - 9102
450. Pous, N., **Koch, C.**, Colprim, J., Puig, S., **Harnisch, F.** (2014):
Extracellular electron transfer of biocathodes: Revealing the potentials for nitrate and nitrite reduction of denitrifying microbiomes dominated by *Thiobacillus* sp.
Electrochim. Commun. **49**, 93 - 97
451. Pradhan, A., Seena, S., Dobritzsch, D., Helm, S., Gerth, K., Dobritzsch, M., Krauss, G.-J., **Schlosser, D.**, Pascoal, C., Cássio, F. (2014):
Physiological responses to nanoCuO in fungi from non-polluted and metal-polluted streams
Sci. Total Environ. **466-467**, 556 - 563
452. **Priess, J.A., Hauck, J.** (2014):
Integrative scenario development
Ecol. Soc. **19** (1), Art. 12

453. Prieto, A., Rodil, R., Quintana, J.B., Cela, R., **Möder, M.**, Rodríguez, I. (2014): Evaluation of polyethersulfone performance for the microextraction of polar chlorinated herbicides from environmental water samples
Talanta **122**, 264 - 271
454. Prolingheuer, N., **Scharnagl, B.**, Graf, A., Vereecken, H., Herbst, M. (2014): On the spatial variation of soil rhizospheric and heterotrophic respiration in a winter wheat stand
Agric. For. Meteorol. **195–196**, 24 - 31
455. **Protopopova, M.V., Pavlichenko, V.V.**, Menzel, R., Putschew, A., **Luckenbach, T.**, Steinberg, C.E.W. (2014): Contrasting cellular stress responses of Baikalian and Palearctic amphipods upon exposure to humic substances: environmental implications
Environ. Sci. Pollut. Res. **21** (24), 14124 - 14137
456. **Protopopova, M.V., Pavlichenko, V.V.**, Menzel, R., Putschew, A., **Luckenbach, T.**, Steinberg, C.E.W. (2014): Contrasting cellular stress responses of Baikalian and Palearctic amphipods upon exposure to humic substances: environmental implications
Environ. Sci. Pollut. Res. **21** (24), 14124 - 14137
457. Punchi-Manage, R., **Wiegand, T.**, Wiegand, K., **Getzin, S.**, Gunatilleke, C.V.S., Gunatilleke, I.A.U.N. (2014): Effect of spatial processes and topography on structuring species assemblages in a Sri Lankan dipterocarp forest
Ecology **95** (2), 376 - 386
458. **Purahong, W., Hoppe, B.**, Kahl, T., Schloter, M., Schulze, E.-D., Bauhus, J., **Buscot, F.**, **Krüger, D.** (2014): Changes within a single land-use category alter microbial diversity and community structure: Molecular evidence from wood-inhabiting fungi in forest ecosystems
J. Environ. Manage. **139**, 109 - 119
459. **Purahong, W.**, Kahl, T., Schloter, M., Bauhus, J., **Buscot, F.**, **Krüger, D.** (2014): Comparing fungal richness and community composition in coarse woody debris in Central European beech forests under three types of management
Mycol. Prog. **13** (3), 959 - 964
460. **Purahong, W., Kapturska, D.**, Pecyna, M.J., **Schulz, E.**, Schloter, M., **Buscot, F.**, Hofrichter, M., **Krüger, D.** (2014): Influence of different forest system management practices on leaf litter decomposition rates, nutrient dynamics and the activity of ligninolytic enzymes: a case study from central European forests
PLOS One **9** (4), e93700

461. **Purahong, W.**, Nipoti, P., Pisi, A., Lemmens, M., Prodi, A. (2014):
Aggressiveness of different *Fusarium graminearum* chemotypes within a population from Northern-Central Italy
Mycoscience **55** (1), 63 - 69
462. **Purahong, W.**, Schloter, M., Pecyna, M.J., **Kapturska, D.**, **Däumlich, V.**, Mital, S., **Buscot, F.**, Hofrichter, M., **Gutknecht, J.L.M.**, **Krüger, D.** (2014):
Uncoupling of microbial community structure and function in decomposing litter across beech forest ecosystems in Central Europe
Sci. Rep. **4** , art. 7014
463. **Porschke, O.**, Sykes, M.T., Poschlod, P., **Michalski, S.G.**, Römermann, C., **Durka, W.**, **Kühn, I.**, Prentice, H.C. (2014):
Interactive effects of landscape history and current management on dispersal trait diversity in grassland plant communities
J. Ecol. **102** (2), 437 - 446
464. **Pütz, S.**, **Groeneveld, J.**, **Henle, K.**, **Knogge, C.**, Martensen, A.C., Metz, M., Metzger, J.P., Ribeiro, M.C., **Dantas De Paula, M.**, **Huth, A.** (2014):
Long-term carbon loss in fragmented Neotropical forests
Nat. Commun. **5** , art. 5037
465. Pyšek, P., Jarošík, V., Pergl, J., Moravcová, L., Chytrý, M., **Kühn, I.** (2014):
Temperate trees and shrubs as global invaders: the relationship between invasiveness and native distribution depends on biological traits
Biol. Invasions **16** (3), 577 - 589
466. Qureshi, S., **Haase, D.** (2014):
Compact, eco-, hybrid or teleconnected? Novel aspects of urban ecological research seeking compatible solutions to socio-ecological complexities
Ecol. Indic. **42** , 1 - 5
467. Qureshi, S., **Haase, D.**, Coles, R. (2014):
The Theorized Urban Gradient (TUG) method—A conceptual framework for socio-ecological sampling in complex urban agglomerations
Ecol. Indic. **36** , 100 - 110
468. Radchuk, V., **Johst, K.**, **Groeneveld, J.**, Turlure, C., **Grimm, V.**, Schtickzelle, N. (2014):
Appropriate resolution in time and model structure for population viability analysis: insights from a butterfly metapopulation
Biol. Conserv. **169** , 345 - 354

469. Radu, F.A., **Wang, W.** (2014):
Convergence analysis for a mixed finite element scheme for flow in strictly unsaturated porous media
Nonlinear Anal.-Real World Appl. **15**, 266 - 275
470. **Rahman, K.Z., Wiessner, A., Kuschk, P., van Afferden, M., Mattusch, J., Müller, R.A.** (2014):
Removal and fate of arsenic in the rhizosphere of *Juncus effusus* treating artificial wastewater in laboratory-scale constructed wetlands
Ecol. Eng. **69**, 93 - 105
471. Rahobisoa, J.-J., Rajaobelison, J., Schuth, C., **Kallioras, A.**, Ramaroson, V. (2014):
Use of isotopic signatures for the determination of natural recharge and chemical characterization of groundwaters: the case of Horombe plateau area, SW Madagascar
Environ. Earth Sci. **71** (10), 4497 - 4511
472. Raidla, V., Kirsimäe, K., Ivask, J., Kaup, E., **Knöller, K.**, Marandi, A., Martma, T., Vaikmäe, R. (2014):
Sulphur isotope composition of dissolved sulphate in the Cambrian–Vendian aquifer system in the northern part of the Baltic Artesian Basin
Chem. Geol. **383**, 147 - 154
473. **Rakovec, O.**, Hill, M.C., Clark, M.P., Weerts, A.H., Teuling, A.J., Uijlenhoet, R. (2014):
Distributed Evaluation of Local Sensitivity Analysis (DELSA), with application to hydrologic models
Water Resour. Res. **50** (1), 409 - 426
474. Ramírez-Cavazos, L.I., **Junghanns, C.**, Nair, R., Cárdenas-Chávez, D.L., Hernández-Luna, C., Agathos, S.N., Parra, R. (2014):
Enhanced production of thermostable laccases from a native strain of *Pycnoporus sanguineus* using central composite design
J. Zhejiang Univ.-SCI. B **15** (4), 343 - 352
475. Ramírez-Cavazos, L.I., **Junghanns, C.**, Ornelas-Soto, N., Cárdenas-Chávez, D.L., Hernández-Luna, C., Demarche, P., Enaud, E., García-Morales, R., Agathos, S.N., Parra, R. (2014):
Purification and characterization of two thermostable laccases from *Pycnoporus sanguineus* and potential role in degradation of endocrine disrupting chemicals
J. Mol. Catal. B-Enzym. **108**, 32 - 42
476. Rao, W., Chen, J., Tan, H., **Weise, S.M.**, Wang, Y. (2014):
Nd–Sr isotopic and REE geochemical compositions of Late Quaternary deposits in the desert–loess transition, north-central China: Implications for their provenance and past wind systems
Quat. Int. **334–335**, 197 - 212

477. Rapoport, A., **Heipieper, H.J.** (2014):
Biotechnological and environmental microbiological research in the Baltic region
Biotechnol. Appl. Biochem. **61** (1), 1 - 2
478. Ravenek, J.M., Bessler, H., Engels, C., Scherer-Lorenzen, M., Gessler, A.,
Gockele, A., De Luca, E., Temperton, V.M., Ebeling, A., **Roscher, C.**, Schmid, B.,
Weisser, W.W., Wirth, C., de Kroon, H., Weigelt, A., Mommer, L. (2014):
Long-term study of root biomass in a biodiversity experiment reveals shifts in diversity
effects over time
Oikos **123** (12), 1528 - 1536
479. **Reiche, K., Kasack, K., Schreiber, S.,** Lüders, T., Due, E.U., Naume, B.,
Riis, M., Kristensen, VN, Horn, F., Børresen-Dale, A.L., **Hackermüller, J.**, Baumbusch,
L.O. (2014):
Long non-coding RNAs differentially expressed between normal versus primary breast
tumor tissues disclose converse changes to breast cancer-related protein-coding genes
PLOS One **9** (9), e106076
480. **Reiche, N., Westerkamp, T., Lau, S., Borsdorf, H., Dietrich, P., Schütze, C.** (2014):
Comparative study to evaluate three ground-based optical remote sensing techniques
under field conditions by a gas tracer experiment
Environ. Earth Sci. **72** (5), 1435 - 1441
481. **Reinemann, C., Strehlitz, B.** (2014):
Aptamer-modified nanoparticles and their use in cancer diagnostics and treatment
Swiss Med. Wkly. **144** , w13908
482. **Reitz, T., Rossberg, A., Barkleit, A., Selenska-Pobell, S., Merroun, M.L.** (2014):
Decrease of U(VI) immobilization capability of the facultative anaerobic
strain *Paenibacillus* sp. JG-TB8 under anoxic conditions due to strongly reduced
phosphatase activity
PLOS One **9** (8), e102447
483. Ren, W., Teng, Y., Zhou, Q., **Paschke, A., Schüürmann, G.** (2014):
Sorption of chlorimuron-ethyl on montmorillonite clays: effects of exchangeable cations,
pH, and ionic strength
Environ. Sci. Pollut. Res. **21** (19), 11587 - 11597
484. Renner, M., Brust, K., Schwärzel, K., **Volk, M.**, Bernhofer, C. (2014):
Separating the effects of changes in land cover and climate: a hydro-meteorological
analysis of the past 60 yr in Saxony, Germany
Hydrol. Earth Syst. Sci. **18** (1), 389 - 405

485. **Renpenning, J.**, Keller, S., Cretnik, S., Shouakar-Stash, O., Elsner, M., Schubert, T., **Nijenhuis, I.** (2014): Combined C and Cl isotope effects indicate differences between corrinooids and enzyme (*Sulfurospirillum multivorans* PceA) in reductive dehalogenation of tetrachloroethene, but not trichloroethene
Environ. Sci. Technol. **48** (20), 11837 - 11845
486. Reynolds, C.S., Elliott, J.A., **Frassl, M.A.** (2014): Predictive utility of trait-separated phytoplankton groups: A robust approach to modeling population dynamics
J. Gt. Lakes Res. **40** (Suppl. 3), 143 - 150
487. Ricotta, C., Celesti-Grapow, L., **Kühn, I.**, Rapson, G.L., Pyšek, P., La Sorte, F.A., Thompson, K. (2014): Geographical constraints are stronger than invasion patterns for European urban floras
PLOS One **9** (1), e85661
488. Rijnarts, H., **Weiss, H.** (2014): Trends in soil, sediment and groundwater quality management
Sci. Total Environ. **485-486** , 701 - 704
489. **Rink, D.**, Couch, C., **Haase, A.**, Krzysztofik, R., Nadolu, B., Rumpel, P. (2014): The governance of urban shrinkage in cities of post-socialist Europe: policies, strategies and actors
Urban Research & Practice **7** (3), 258 - 277
490. **Rink, K.**, Bilke, L., **Kolditz, O.** (2014): Visualisation strategies for environmental modelling data
Environ. Earth Sci. **72** (10), 3857 - 3868
491. **Rink, K.**, Scheuermann, G., **Kolditz, O.** (2014): Visualisation in environmental sciences
Environ. Earth Sci. **72** (10), 3749 - 3751
492. **Risse-Buhl, U.**, Felsmann, K., Mutz, M. (2014): Colonization dynamics of ciliate morphotypes modified by shifting sandy sediments
Eur. J. Protistol. **50** (4), 345 - 355
493. Rivarola-Duarte, L., **Otto, C.**, Jühling, F., **Schreiber, S.**, **Bedulina, D.S.**, Jakob, L., **Gurkov, A.**, Axenov-Gribanov, D., Sahyoun, A.H., Lucassen, M., **Hackermüller, J.**, Hoffmann, S., Sartoris, F., Pörtner, H.-O., **Timofeyev, M.**, Luckenbach, T., Stadler, P.F. (2014): A first glimpse at the genome of the Baikalian amphipod *Eulimnogammarus verrucosus*
J. Exp. Zool. Part B **322** (3), 177 - 189

494. **Rödiger, T., Geyer, S., Mallast, U., Merz, R., Krause, P., Fischer, C., Siebert, C.** (2014):
Multi-response calibration of a conceptual hydrological model in the semiarid catchment of Wadi al Arab, Jordan
J. Hydrol. **509**, 193 - 206
495. Rodrigues, D.C., Simões, L., Mullins, J., **Lampa, S.**, Mendes, R.C., Fernandes, C., Rebelo, R., Santos-Reis, M. (2014):
Tracking the expansion of the American mink (*Neovison vison*) range in NW Portugal
Biol. Invasions
496. Rodríguez, M., Delibes, M., **Fedriani, J.M.** (2014):
Hierarchical levels of seed predation variation by introduced beetles on an endemic Mediterranean palm
PLOS One **9** (10), e109867
497. Rogass, C., Mielke, C., Scheffler, D., Boesche, N.K., **Lausch, A.**, Lubitz, C., Brell, M., Spengler, D., Eisele, A., Segl, K., Guanter, L. (2014):
Reduction of uncorrelated striping noise—applications for hyperspectral pushbroom acquisitions
Remote Sensing **6** (11), 11082 - 11106
498. Rogiers, B., **Vienken, T.**, Gedeon, M., Batelaan, O., Mallants, D., Huysmans, M., Dassargues, A. (2014):
Multi-scale aquifer characterization and groundwater flow model parameterization using direct push technologies
Environ. Earth Sci. **72** (5), 1303 - 1324
499. **Roland, U., Kraus, M., Holzer, F., Trommler, U., Kopinke, F.-D.** (2014):
Selective dielectric heating for efficient adsorptive-catalytic cleaning of contaminated gas streams
Appl. Catal. A-Gen. **474**, 244 - 249
500. **Rösch, C., Kohajda, T., Röder, S., von Bergen, M., Schlink, U.** (2014):
Relationship between sources and patterns of VOCs in indoor air
Atmos. Pollut. Res. **5** (1), 129 - 137
501. **Roscher, C.**, Schumacher, J., Gerighausen, U., Schmid, B. (2014):
Different assembly processes drive shifts in species and functional composition in experimental grasslands varying in sown diversity and community history
PLOS One **9** (7), e101928

502. **Rusevova, K., Köferstein, R., Rosell, M., Richnow, H.H., Kopinke, F.-D., Georgi, A.** (2014):
LaFeO₃ and BiFeO₃ perovskites as nanocatalysts for contaminant degradation in heterogeneous Fenton-like reactions
Chem. Eng. J. **239**, 322 - 331
503. Salthammer, T., **Harnisch, F.** (2014):
Die Chemie bei Breaking Bad: Entstehung einer Publikation und ihre Resonanz
Chem. unserer Zeit **48** (4), 242 - 243
504. **Samhan, S., Friese, K., von Tümping, W., Pöllmann, H., Hoetzl, H., Ghanem, M.** (2014):
Anthropogenic influence of trace metals in sediments of the Al-Qilt catchment, West Bank, Palestine: 1. Contamination factor and bonding forms
Environ. Earth Sci. **71** (4), 1533 - 1539
505. Sánchez-España, J., **Boehrer, B.**, Yusta, I. (2014):
Extreme carbon dioxide concentrations in acidic pit lakes provoked by water/rock interaction
Environ. Sci. Technol. **48** (8), 4273 - 4281
506. **Sandig, C., Sauer, U., Bräuer, K., Serfling, U., Schütze, C.** (2014):
Comparative study of geophysical and soil–gas investigations at the Hartoušov (Czech Republic) natural CO₂ degassing site
Environ. Earth Sci. **72** (5), 1421 - 1434
507. **Sauer, U., Dietrich, P.** (2014):
NovCare 2013 (Novel methods for subsurface characterization and monitoring: from theory to practice)
Environ. Earth Sci. **72** (5), 1299 - 1302
508. **Sauer, U., Schütze, C., Leven, C., Schlömer, S., Dietrich, P.** (2014):
An integrative hierarchical monitoring approach applied at a natural analogue site to monitor CO₂ degassing areas
Acta Geotech. **9** (1), 127 - 133
509. **Sauer, U., Watanabe, N., Singh, A., Dietrich, P., Kolditz, O., Schütze, C.** (2014):
Joint interpretation of geoelectrical and soil-gas measurements for monitoring CO₂ releases at a natural analogue
Near Surf. Geophys. **12** (1), 165 - 187

510. Saurer, M., Spahni, R., Frank, D.C., Joos, F., Leuenberger, M., Loader, N.J.,
McCarroll, D., Gagen, M., Poulter, B., Siegwolf, R.T.W., Andreu-Hayles, L., **Boettger, T.**, Dorado Liñán, I., Fairchild, I.J., Friedrich, M., Gutierrez, E., **Haupt, M.**, Hilasvuori, E., Heinrich, I., Helle, G., Grudd, H., Jalkanen, R., Levanič, T., Linderholm, H.W., Robertson, I., Sonninen, E., Treydte, K., Waterhouse, J.S., Woodley, E.J., Wynn, P.M., Young, G.H.F. (2014):
Spatial variability and temporal trends in water-use efficiency of European forests
Glob. Change Biol. **20** (12), 3700 - 3712
511. **Schamfuß, S., Neu, T.R., Harms, H., Wick, L.Y.** (2014):
A whole cell bioreporter approach to assess transport and bioavailability of organic contaminants in water unsaturated systems
J. Vis. Exp. **94**, e52334
512. Schäpke, N., **Rauschmayer, F.** (2014):
Going beyond efficiency: including altruistic motives in behavioral models for sustainability transitions to address sufficiency
Sustainability: Science, Practice, and Policy **10** (1), 29 - 44
513. Scharnweber, K., Syväranta, J., Hilt, S., **Brauns, M.**, Vanni, M.J., Brothers, S., Köhler, J., Knežević-Jarić, J., Mehner, T. (2014):
Whole-lake experiments reveal the fate of terrestrial particulate organic carbon in benthic food webs of shallow lakes
Ecology **95** (6), 1496 - 1505
514. Schettler, G., Shabunin, A., Kemnitz, H., **Knoeller, K.**, Imashev, S., Rybin, A., Wetzel, H.-U. (2014):
Seasonal and diurnal variations in dust characteristics on the northern slopes of the Tien Shan – Grain-size, mineralogy, chemical signatures and isotope composition of attached nitrate
J. Asian Earth Sci. **88**, 257 - 276
515. Scheublin, T.R., **Deusch, S.**, Moreno-Forero, S.K., **Müller, J.A.**, van der Meer, J.R., Leveau, J.H.J. (2014):
Transcriptional profiling of Gram-positive *Arthrobacter* in the phyllosphere: induction of pollutant degradation genes by natural plant phenolic compounds
Environ. Microbiol. **16** (7), 2212 - 2225
516. **Schiffmann, C.**, Hansen, R., **Baumann, S.**, **Kublik, A.**, Nielsen, P.H., **Adrian, L.**, **von Bergen, M.**, **Jehmlich, N.**, **Seifert, J.** (2014):
Comparison of targeted peptide quantification assays for reductive dehalogenases by selective reaction monitoring (SRM) and precursor reaction monitoring (PRM)
Anal. Bioanal. Chem. **406** (1), 283 - 291

517. Schiffmann, C.L., Jehmlich, N., Otto, W., Hansen, R., Nielsen, P.H., Adrian, L., Seifert, J., von Bergen-Tomm, M. (2014): Proteome profile and proteogenomics of the organohalide-respiring bacterium *Dehalococcoides mccartyi* strain CBDB1 grown on hexachlorobenzene as electron acceptor
J. Proteomics **98**, 59 - 64
518. Schindler, S., Sebesvari, Z., Damm, C., Euller, K., Mauerhofer, V., Schneidergruber, A., Biró, M., Essl, F., Kanka, R., Lauwaars, S.G., Schulz-Zunkel, C., van der Sluis, T., Kropik, M., Gasso, V., Krug, A., Pusch, M.T., Zulka, K.P., Lazowski, W., Hainz-Renetzeder, C., Henle, K., Wrbka, T. (2014): Multifunctionality of floodplain landscapes: relating management options to ecosystem services
Landsc. Ecol. **29** (2), 229 - 244
519. Schlabing, D., Frassl, M.A., Eder, M.M., Rinke, K., Bárdossy, A. (2014): Use of a weather generator for simulating climate change effects on ecosystems: A case study on Lake Constance
Environ. Modell. Softw. **61**, 326 - 338
520. Schlink, U., Kindler, A., Großmann, K., Schwarz, N., Franck, U. (2014): The temperature recorded by simulated mobile receptors is an indicator for the thermal exposure of the urban inhabitants
Ecol. Indic. **36**, 607 - 616
521. Schlüter, S., Sheppard, A., Brown, K., Wildenschild, D. (2014): Image processing of multiphase images obtained via X-ray microtomography: A review
Water Resour. Res. **50** (4), 3615 - 3639
522. Schmeller, D.S., Blooi, M., Martel, A., Garner, T.W.J., Fisher, M.C., Azemar, F., Clare, F.C., Leclerc, C., Jäger, L., Guevara-Nieto, M., Loyau, A., Pasmans, F. (2014): Microscopic aquatic predators strongly affect infection dynamics of a globally emerged pathogen
Curr. Biol. **24** (2), 176 - 180
523. Schmeller, D.S., Evans, D., Lin, Y.-P., Henle, K. (2014): The national responsibility approach to setting conservation priorities—Recommendations for its use
J. Nat. Conserv. **22** (4), 349 - 357
524. Schmidt, C., Büttner, O., Musolff, A., Fleckenstein, J.H. (2014): A method for automated, daily, temperature-based vertical streambed water-fluxes
Fundam. Appl. Limnol. **184** (3), 173 - 181

525. **Schmidt, K.**, Behrens, T., Daumann, J., Ramirez-Lopez, L., **Werban, U.**, **Dietrich, P.**, Scholten, T. (2014):
A comparison of calibration sampling schemes at the field scale
Geoderma **232-234** , 243 - 256
526. **Schmidt, M.**, **Lege, S.**, **Nijenhuis, I.** (2014):
Comparison of 1,2-dichloroethane, dichloroethene and vinyl chloride carbon stable isotope fractionation during dechlorination by two *Dehalococcoides* strains
Water Res. **52** , 146 - 154
527. **Schmidt, M.**, **Wolfram, D.**, **Birkigt, J.**, **Ahlheim, J.**, **Paschke, H.**, **Richnow, H.-H.**, **Nijenhuis, I.** (2014):
Iron oxides stimulate microbial monochlorobenzene in situ transformation in constructed wetlands and laboratory systems
Sci. Total Environ. **472** , 185 - 193
528. Schmidt, T., Ziganshin, A.M., **Nikolausz, M.**, Scholwin, F., Nelles, M., **Kleinsteuber, S.**, Pröter, J. (2014):
Effects of the reduction of the hydraulic retention time to 1.5 days at constant organic loading in CSTR, ASBR, and fixed-bed reactors - Performance and methanogenic community composition
Biomass Bioenerg. **69** , 241 - 248
529. **Schmied-Tobies, M.** (2014):
Analytical approach for determination of 2'-deoxynucleoside adducts with electrophiles:
Investigation of reactivity and selectivity of para-benzoquinone
Mutagenesis **29** (6), 502 - 502
530. **Schmied-Tobies, M.I.H.**, **Schmied-Tobies, M.**, **Arroyo-Abad, U.**, **Mattusch, J.**, **Reemtsma, T.** (2014):
Mass spectrometric detection, identification, and fragmentation of arseno-phytochelatins
J. Mass Spectrom. **49** (11), 1148 - 1155
531. Schob, S., **Meißner, R.**, **Rupp, H.**, Bernsdorf, S., Solle, N., Braumann, F. (2014):
Untersuchungen zum Erhalt des FFH-Lebensraumtyps 6 510 „Magere Flachlandmähwiesen“ im Naturpark Drömling. Studies on the preservation of the habitant type 6 510, lowland hay meadows, in the Drömling Nature Park
Wasserwirtschaft **104** (3), 34 - 40
532. **Scholz, S.**, **Ortmann, J.**, **Klüver, N.**, Léonard, M. (2014):
Extensive review of fish embryo acute toxicities for the prediction of GHS acute systemic toxicity categories
Regul. Toxicol. Pharmacol. **69** (3), 572 - 579

533. Schöniger, A., Wöhling, T., **Samaniego, L.**, Nowak, W. (2014):
Model selection on solid ground: Rigorous comparison of nine ways to evaluate Bayesian
model evidence
Water Resour. Res. **50** (12), 9484 - 9513
534. Schoon, A., Fjellanger, R., Kjeldsen, C., **Goss, K.-U.** (2014):
Using dogs to detect hidden corrosion
Appl. Anim. Behav. Sci. **153** , 43 - 52
535. Schoon, A., Fjellanger, R., Kjeldsen, M., **Goss, K.-U.** (2014):
DOG TEST Detecting corrosion under insulation using trained dogs: a novel approach
Mater. Eval. **72** (2), 142 - 148
536. **Schröter-Schlaack, C., Ring, I.**, Koellner, T., Santos, R., Antunes, P., Clemente, P.,
Mathevet, R., Borie, M., Grodzińska-Jurczak, M. (2014):
Intergovernmental fiscal transfers to support local conservation action in Europe
Z. Wirtsch. **58** (2-3), 98 - 114
537. **Schubert, M.**, Kopitz, J., Chałupnik, S. (2014):
Sample volume optimization for radon-in-water detection by liquid scintillation counting
J. Environ. Radioact. **134** , 109 - 113
538. **Schubert, M.**, Scholten, J., Schmidt, A., Comanducci, J.F., Pham, M.K., **Mallast, U.**,
Knoeller, K. (2014):
Submarine groundwater discharge at a single spot location: evaluation of different
detection approaches
Water **6** (3), 584 - 601
539. Schultdt, A., Assmann, T., Bruelheide, B., **Durka, W.**, Eichenberg, D.,
Härdtle, W., Kröber, W., **Michalski, S.G.**, Purschke, O. (2014):
Functional and phylogenetic diversity of woody plants drive herbivory in highly diverse
forests
New Phytol. **202** (3), 864 - 873
540. Schultdt, A., Bruelheide, H., **Durka, W.**, **Michalski, S.G.**, **Purschke, O.**, Assmann, T.
(2014):
Tree diversity promotes functional dissimilarity and maintains functional richness despite
species loss in predator assemblages
Oecologia **174** (2), 533 - 543
541. **Schulz, B.**, Eckstein, R.L., **Durka, W.** (2014):
Epigenetic variation reflects dynamic habitat conditions in a rare floodplain herb
Mol. Ecol. **23** (14), 3523 - 3537

542. **Schurig, C., Melo, V.A., Miltner, A., Kaestner, M.** (2014):
Characterisation of microbial activity in the framework of natural attenuation without groundwater monitoring wells?: a new Direct-Push probe
Environ. Sci. Pollut. Res. **21** (15), 9002 - 9015
543. **Schurig, C., Miltner, A., Kaestner, M.** (2014):
Hexadecane and pristane degradation potential at the level of the aquifer – evidence from sediment incubations compared to in-situ microcosms
Environ. Sci. Pollut. Res. **21** (15), 9081 - 9094
544. **Schütt, M.**, Borken, W., **Spott, O.**, **Stange, C.F.**, Matzner, E. (2014):
Temperature sensitivity of C and N mineralization in temperate forest soils at low temperatures
Soil Biol. Biochem. **69** , 320 - 327
545. **Schütt, M.**, Borken, W., **Spott, O.**, **Stange, C.F.**, Matzner, E. (2014):
Corrigendum: Temperature sensitivity of C and N mineralization in temperate forest soils at low temperatures (vol 69, pg 320, 2014)
Soil Biol. Biochem. **77** , 315
546. **Schweiger, O., Harpke, A., Wiemers, M., Settele, J.** (2014):
CLIMBER: climatic niche characteristics of the butterflies in Europe
ZooKeys **367** , 65 - 84
547. Schwerdtner Máñez, K., Krause, G., **Ring, I.**, Glaser, M. (2014):
The Gordian knot of mangrove conservation: Disentangling the role of scale, services and benefits
Glob. Environ. Change **28** , 120 - 128
548. Seeber, E., Winterfeld, G., Hensen, I., Sharbel, T.F., **Durka, W.**, Liu, J., Yang, Y.P., Wesche, K. (2014):
Ploidy in the alpine sedge *Kobresia pygmaea* (Cyperaceae) and related species: combined application of chromosome counts, new microsatellite markers and flow cytometry
Bot. J. Linnean Soc. **176** (1), 22 - 35
549. Seeger, J., Berendonk, T.U., Bernhofer, C., Blumensaat, F., Dombrowsky, I., **Fuehner, C.**, Grundmann, J., **Hagemann, N.**, **Kalbacher, T.**, **Kopinke, F.-D.**, Liedl, R., Leidel, M., Lorz, C., Makeschin, F., **Markova, D.**, **Niemann, S.**, Röstel, G., Schanze, J., Scheifhachen, N., Schuetze, N., **Siebert, C.**, Stefan, C., **Strehlitz, B.**, **Teutsch, G.**, Weigelt, C., **Weiß, H.**, **Kolditz, O.**, **Borchardt, D.**, Krebs, P. (2014):
Integrated water resources management under different hydrological, climatic and socio-economic conditions: results and lessons learned from a transdisciplinary IWRM project IWAS
Environ. Earth Sci. **72** (12), 4677 - 4688

550. Seeger, J., **Markova, D.**, Kolditz, O., Krebs, P., **Borchardt, D.** (2014):
IWAS II: integrated water resources management under different hydrological, climatic
and socio-economic conditions. Editorial
Environ. Earth Sci. **72** (12), 4673 - 4675
551. Segner, H., **Schmitt-Jansen, M.**, Sabater, S. (2014):
Assessing the impact of multiple stressors on aquatic biota: the receptor's side matters
Environ. Sci. Technol. **48** (14), 7690 - 7696
552. Senn, H., Ogden, R., Frosch, C., Syrůčková, A., Campbell-Palmer, R.,
Munclinger, P., **Durka, W.**, Kraus, R.H.S., Saveljev, A.P., Nowak, C., Stubbe, A.,
Stubbe, M., Michaux, J., Lavrov, V., Samiya, R., Ulevicius, A., Rosell, F. (2014):
Nuclear and mitochondrial genetic structure in the Eurasian beaver (*Castor fiber*) –
implications for future reintroductions
Evol. Appl. **7** (6), 645 - 662
553. **Seppelt, R.**, Manceur, A.M., Liu, J., Fenichel, E.P., **Klotz, S.** (2014):
Synchronized peak-rate years of global resources use
Ecol. Soc. **19** (4), Art. 50
554. **Shahbazi, A.**, Gonzalez-Olmos, R., Kopinke, F.-D., Zarabadi-Poor, P., Georgi, A.
(2014):
Natural and synthetic zeolites in adsorption/oxidation processes to remove surfactant
molecules from water
Sep. Purif. Technol. **127** , 1 - 9
555. Shaheen, S.M., Rinklebe, J., **Rupp, H.**, **Meissner, R.** (2014):
Lysimeter trials to assess the impact of different flood-dry-cycles on the dynamic of pore
water concentrations of As, Cr, Mo and V in a contaminated floodplain soil
Geoderma **228-229** , 5 - 13
556. Shaheen, S.M., Rinklebe, J., **Rupp, H.**, **Meissner, R.** (2014):
Temporal dynamics of pore water concentrations of Cd, Co, Cu, Ni, and Zn and their
controlling factors in a contaminated floodplain soil assessed by undisturbed groundwater
lysimeters
Environ. Pollut. **191** , 223 - 231
557. Shalapska, T., Dorenbos, P., Gektin, A., **Stryganyuk, G.**, Voloshinovskii, A. (2014):
Luminescence spectroscopy and energy level location of lanthanide ions doped in
 $\text{La}(\text{PO}_3)_3$
J. Lumines. **155** , 95 - 100

558. **Shamim, S.**, Rehman, A. (2014):
Physicochemical surface properties of *Cupriavidus metallidurans* CH34 and *Pseudomonas putida* mt2 under cadmium stress
J. Basic Microbiol. **54** (4), 306 - 314
559. **Shamim, S.**, Rehman, A., Qazi, M.H. (2014):
Cadmium-resistance mechanism in the bacteria *Cupriavidus metallidurans* CH34 and *Pseudomonas putida* mt2
Arch. Environ. Contam. Toxicol. **67** (2), 149 - 157
560. **Shamim, S.**, Rehman, A., Qazi, M.H. (2014):
Swimming, swarming, twitching, and chemotactic responses of *Cupriavidus metallidurans* CH34 and *Pseudomonas putida* mt2 in the presence of cadmium
Arch. Environ. Contam. Toxicol. **66** (3), 407 - 414
561. **Shi, M.-M.**, Michalski, S.G., Welk, E., Chen, W.-Y., **Durka, W.** (2014):
Phylogeography of a widespread Asian subtropical tree: genetic east–west differentiation and climate envelope modelling suggest multiple glacial refugia
J. Biogeogr. **41** (9), 1710 - 1720
562. **Siebert, C.**, Möller, P., **Geyer, S.**, Kraushaar, S., Dulski, P., Guttman, J., Subah, A., **Rödiger, T.** (2014):
Thermal waters in the Lower Yarmouk Gorge and their relation to surrounding aquifers
Chem. Erde-Geochem. **74** (3), 425 - 441
563. **Siebert, C.**, **Rödiger, T.**, Mallast, U., Gräbe, A., Guttman, J., Laronne, J.B., Storz-Peretz, Y., Greenman, A., Salameh, E., Al-Raggad, M., Vachtman, D., Zvi, A.B., Ionescu, D., Brenner, A., **Merz, R.**, **Geyer, S.** (2014):
Challenges to estimate surface- and groundwater flow in arid regions: The Dead Sea catchment
Sci. Total Environ. **485-486** , 828 - 841
564. **Sigel, K.**, Hagemann, N., Leidel, M., Niemann, S., Weigelt, C. (2014):
Insights regarding transdisciplinarity and knowledge transfer gained from two case studies on integrated water resources management in Ukraine and Mongolia
Interdiscip. Sci. Rev. **39** (4), 342 - 359
565. **Sigel, K.**, Stäudel, J., Londong, J. (2014):
Experiences with stakeholder involvement in strategic sanitation planning: a case study of the city of Darkhan, Mongolia
Water Science and Technology : Water Supply **14** (3), 504 - 512

566. Simon-Delso, N., Amaral-Rogers, V., Belzunces, L.P., Bonmatin, J.M., Chagnon, M., Downs, C.A., Furlan, L., Gibbons, D.W., Giorio, C., Girolami, V., Goulson, D., Kreutzweiser, D.P., Krupke, C.H., **Liess, M.**, Long, E., McField, M., Mineau, P., Mitchell, E.A.D., Morrissey, C.A., Noome, D.A., Pisa, L., **Settele, J.**, Stark, J.D., Tapparo, A., Van Dyck, H., Van Praagh, J., Van der Sluijs, J.P., Whitehorn, P.R., **Wiemers, M.** (2014):
Systemic insecticides (neonicotinoids and fipronil): trends, uses, mode of action and metabolites
Environ. Sci. Pollut. Res. **22** (1), 5 - 34
567. **Singh, A., Delfs, J.O., Görke, U.J., Kolditz, O.** (2014):
Toward physical aspects affecting a possible leakage of geologically stored CO₂ into the shallow subsurface
Acta Geotech. **9** (1), 81 - 86
568. **Singh, S., Harms, H., Schlosser, D.** (2014):
Screening of ecologically diverse fungi for their potential to pretreat lignocellulosic bioenergy feedstock
Appl. Microbiol. Biotechnol. **98** (7), 3355 - 3370
569. Smetanová, S., Bláha, L., **Liess, M.**, Schäfer, R.B., **Beketov, M.A.** (2014):
Do predictions from Species Sensitivity Distributions match with field data?
Environ. Pollut. **189** , 126 - 133
570. Smuda, J., Dold, B., Spangenberg, J.E., **Friese, K.**, Kobek, M.R., Bustos, C.A., Pfeifer, H.-R. (2014):
Element cycling during the transition from alkaline to acidic environment in an active porphyry copper tailings impoundment, Chuquicamata, Chile
J. Geochem. Explor. **140** , 23 - 40
571. Snell, R.S., **Huth, A.**, Nabel, J.E.M.S., Bocedi, G., Travis, J.M.J., Gravel, D., Bugmann, H., Gutiérrez, A.G., Hickler, T., Higgins, S.I., Reineking, B., Scherstjanoi, M., Zurbriggen, N., Lischke, H. (2014):
Using dynamic vegetation models to simulate plant range shifts
Ecography **37** (12), 1184 - 1197
572. Snyder, A., Breuer, B., Koeller, G., **Mattusch, J.**, Abraham, G., Schusser, G.F. (2014):
Sulfatkonzentration im Blut gesunder Pferde nach oraler Applikation sulfathaltiger Abführmittel. Blood sulphate concentration in healthy horses after oral application of laxatives containing sulphur
Pferdeheilkunde **30** (3), 302 - 309

573. **Solazzo, G.**, Moritz, R.F.A., **Settele, J.** (2014):
The social parasite *Phengaris (Maculinea) nausithous* affects genetic diversity
within *Myrmica rubra* host ant colonies
J. Insect Conserv. **18** (1), 69 - 75
574. Sovadínová, I., Liedtke, A., **Schirmer, K.** (2014):
Effects of clofibric acid alone and in combination with 17 β -estradiol on mRNA
abundance in primary hepatocytes isolated from rainbow trout
Toxicol. Vitro **28** (6), 1106 - 1116
575. **Spangenberg, J.H.**, Görg, C., Truong, D.T., Tekken, V., Bustamante, J.V., **Settele, J.**
(2014):
Provision of ecosystem services is determined by human agency, not ecosystem
functions. Four case studies
International Journal of Biodiversity Science, Ecosystems Services and Management **10**
(1), 40 - 53
576. **Spangenberg, J.H.**, von Haaren, C., **Settele, J.** (2014):
The ecosystem service cascade: Further developing the metaphor. Integrating societal
processes to accommodate social processes and planning, and the case of bioenergy
Ecol. Econ. **104** , 22 - 32
577. Srivastava, A.K., Srivastava, S., **Mishra, S.**, D'Souza, S.F., Suprasanna, P. (2014):
Identification of redox-regulated components of arsenate (As^V) tolerance through thiourea
supplementation in rice
Metallomics **6** , 1718 - 1730
578. **Stampfli, N.C.**, Knillmann, S., Noskov, Y.A., Schäfer, R.B., **Liess, M.**, Beketov, M.A.
(2014):
Environmental stressors can enhance the development of community tolerance to a
toxicant
Ecotoxicology **23** (9), 1690 - 1700
579. **Stasik, S.**, Loick, N., **Knöller, K.**, Weisener, C., **Wendt-Potthoff, K.** (2014):
Understanding biogeochemical gradients of sulfur, iron and carbon in an oil sands tailings
pond
Chem. Geol. **382** , 44 - 53
580. **Stasik, S.**, **Wendt-Potthoff, K.** (2014):
Interaction of microbial sulphate reduction and methanogenesis in oil sands tailings ponds
Chemosphere **103** , 59 - 66

581. Stegmaier, P., **Jehmlisch, N.**, Golatowski, C., Gesell Salazar, M., Völker, U., Henke, M. (2014): Identification of differences in the whole saliva baseline proteome profile that are associated with development of oral mucositis in head and neck cancer patients during treatment with IMRT
Strahlenther. Onkol. **190** (Suppl. 1), 142
582. Stegmaier, P., **Jehmlisch, N.**, Golatowski, C., Gesell Salazar, M., Völker, U., Henke, M. (2014): Identification of differences in the whole saliva baseline proteome profile that are associated with development of oral mucositis in head and neck cancer patients during treatment with IMRT
Int. J. Radiat. Oncol. Biol. Phys. **90** (Suppl. 1), S547
583. Stein, A., **Gerstner, K.**, Kreft, H. (2014): Environmental heterogeneity as a universal driver of species richness across taxa, biomes and spatial scales
Ecol. Lett. **17** (7), 866 - 880
584. Steinbruch, F., **Weise, S.M.** (2014): Analysis of water stable isotopes fingerprinting to inform conservation management: Lake Urema Wetland System, Mozambique
Phys. Chem. Earth **72-75** , 13 - 23
585. **Steinel, H., Hausmann, J., Werban, U., Dietrich, P.** (2014): Reliability of MASW profiling in near-surface applications
Near Surf. Geophys. **12** (6), 731 - 737
586. Stempfhuber, B., Welzl, G., **Wubet, T.**, Schöning, I., Marhan, S., **Buscot, F.**, Kandeler, E., Schloter, M. (2014): Drivers for ammonia-oxidation along a land-use gradient in grassland soils
Soil Biol. Biochem. **69** , 176 - 186
587. **Stenzel, A., Goss, K.-U., Endo, S.** (2014): Prediction of partition coefficients for complex environmental contaminants: Validation of COSMOtherm, ABSOLV, and SPARC
Environ. Toxicol. Chem. **33** (7), 1537 - 1543
588. Stephan, E., **Meißner, R., Rupp, H.**, Frühauf, M., Schmidt, G., Illiger, P., Bondarovitsch, A.A., Balykin, D.N., Scherbinin, V.V., Puzanov, A.W. (2014): Aufbau eines bodenhydrologischen Messnetzes in der sibirischen Kulundasteppe. Installation of a soil hydrological monitoring network in the Siberian Kulunda steppe
Wasserwirtschaft **104** (10), 15 - 22

589. Stoll, S., **Frenzel, M.**, Burkhard, B., Adamescu, M., Augustaitis, A., **Baeßler, C.**, Bonet, F.J., Carranza, M.L., Cazacu, C., Cosor, G.L., Díaz-Delgado, R., Grandin, U., Haase, P., Hämäläinen, H., Loke, R., Müller, J., Stanisci, A., Staszewski, T., Müller, F. (2014): Assessment of ecosystem integrity and service gradients across Europe using the LTER Europe network
Ecol. Model. **295**, 75 - 87
590. **Strauch, G.** (2014):
Our journal is now 50 years old Part 2: Where we are today
Isot. Environ. Health Stud. **50** (4), 571 - 573
591. **Strauch, G.**, Al-Mashaikhi, K.S., Bawain, A., **Knöller, K.**, **Friesen, J.**, **Müller, T.** (2014):
Stable H and O isotope variations reveal sources of recharge in Dhofar, Sultanate of Oman
Isot. Environ. Health Stud. **50** (4), 475 - 490
592. **Strauch, G.**, **Gehre, M.** (2014):
Virtual Special Issue of the 3rd Joint European Stable Isotope Users Group Meeting (JESIUM) 2012, held in Leipzig, Germany
Rapid Commun. Mass Spectrom. **28** (7), 843
593. **Strunz, S.** (2014):
The German energy transition as a regime shift
Ecol. Econ. **100**, 150 - 158
594. **Strunz, S.**, **Gawel, E.**, **Lehmann, P.** (2014):
On the alleged need to strictly Europeanise the German *Energiewende*
Intereconomics **49** (5), 244 - 250
595. Suárez-Esteban, A., Delibes, M., **Fedriani, J.M.** (2014):
Unpaved roads disrupt the effect of herbivores and pollinators on the reproduction of a dominant shrub
Basic Appl. Ecol. **15** (6), 524 - 533
596. **Tafarte, P.**, **Das, S.**, **Eichhorn, M.**, **Thrän, D.** (2014):
Small adaptations, big impacts: Options for an optimized mix of variable renewable energy sources
Energy **72**, 80 - 92
597. Tang, J.Y.M., Busetti, F., Charrois, J.W.A., **Escher, B.I.** (2014):
Which chemicals drive biological effects in wastewater and recycled water?
Water Res. **60**, 289 - 299

598. Tauchnitz, N., Bischoff, J., Schrödter, M., **Rupp, H.**, **Meissner, R.** (2014):
Nährstoffausträge aus landwirtschaftlichen Nutzflächen über den Dränagepfad. Nutrient emissions from agricultural land by drainage systems
Wasserwirtschaft **104** (12), 36 - 41
599. Thiele, J.C., Kurth, W., **Grimm, V.** (2014):
Facilitating parameter estimation and sensitivity analysis of agent-based models: a cookbook using NetLogo and R
JASSS **17** (3), 11
600. **Thober, S., Mai, J., Zink, M., Samaniego, L.** (2014):
Stochastic temporal disaggregation of monthly precipitation for regional gridded data sets
Water Resour. Res. **50** (11), 8714 - 8735
601. **Thober, S., Samaniego, L.** (2014):
Robust ensemble selection by multivariate evaluation of extreme precipitation and temperature characteristics
J. Geophys. Res. **119** (2), 594 - 613
602. Thrippleton, T., Dolos, K., Perry, G.L.W., **Groeneveld, J.**, Reineking, B. (2014):
Simulating long-term vegetation dynamics using a forest landscape model: the post-Taupo succession on Mt Hauhungatahi, North Island, New Zealand
N. Z. J. Ecol. **38** (1), 26 - 38
603. Tollesen, K.E., **Scholz, S.**, Cronin, M.T., Edwards, S.W., de Knecht, J., Crofton, K., Garcia-Reyero, N., Hartung, T., Worth, A., Patlewicz, G. (2014):
Applying Adverse Outcome Pathways (AOPs) to support Integrated Approaches to Testing and Assessment (IATA)
Regul. Toxicol. Pharmacol. **70** (3), 629 - 640
604. Tonkin, Z., Ramsey, D.S.L., Macdonald, J., Crook, D., King, A.J., **Kaus, A.** (2014):
Does localized control of invasive eastern gambusia (Poeciliidae: *Gambusia holbrookii*) increase population growth of generalist wetland fishes?
Austral Ecol. **39** (3), 355 - 366
605. Torres, I.F., Bastida, F., Hernández, T., **Bombach, P.**, **Richnow, H.H.**, García, C. (2014):
The role of lignin and cellulose in the carbon-cycling of degraded soils under semiarid climate and their relation to microbial biomass
Soil Biol. Biochem. **75** , 152 - 160
606. **Trauth, N., Schmidt, C., Vieweg, M., Maier, U., Fleckenstein, J.H.** (2014):
Hyporheic transport and biogeochemical reactions in pool-riffle systems under varying ambient groundwater flow conditions
J. Geophys. Res. **119** (5), 910 - 928

607. **Uhlmann, K.**, Gibb, S., **Kalkhof, S.**, **Arroyo-Abad, U.**, Schulz, C., Hoffmann, B., Stubbins, F., Carpenter, S., Beer, M., **von Bergen, M.**, **Feltens, R.** (2014): Species determination of *Culicoides* biting midges via peptide profiling using matrix-assisted laser desorption ionization mass spectrometry
Parasites Vectors **7** , 392
608. **Ulrich, N.**, **Mühlenberg, J.**, **Schüürmann, G.**, **Brack, W.** (2014): Linear solvation energy relationships as classifier in non-target analysis – an approach for isocratic liquid chromatography
J. Chromatogr. A **1324** , 96 - 103
609. van Teeffelen, A.J.A., Opdam, P., **Wätzold, F.**, **Hartig, F.**, **Johst, K.**, **Drechsler, M.**, Vos, C.C., **Wissel, S.**, Quétier, F. (2014): Ecological and economic conditions and associated institutional challenges for conservation banking in dynamic landscapes
Landscape Urban Plan. **130** , 64 - 72
610. Vandermeeren, P., Herrmann, S., Cichocka, D., Busschaert, P., Lievens, B., **Richnow, H.-H.**, Springael, D. (2014): Diversity of dechlorination pathways and organohalide respiring bacteria in chlorobenzene dechlorinating enrichment cultures originating from river sludge
Biodegradation **25** (5), 757 - 776
611. **Vandewalle, M.**, **Purschke, O.**, de Bello, F., Reitalu, H.C., Prentice, H.C., Lavorel, S., Johansson, L.J., Sykes, M.T. (2014): Functional responses of plant communities to management, landscape and historical factors in semi-natural grasslands
J. Veg. Sci. **25** (3), 750 - 759
612. **Velázquez, E.**, De la Cruz, M., Gómez-Sal, A. (2014): Changes in spatial point patterns of pioneer woody plants across a large tropical landslide
Acta Oecol. - Int. J. Ecol. **61** , 9 - 18
613. **Vienken, T.**, **Dietrich, P.** (2014): Comment on "Determination of hydraulic conductivity from grain-size distribution for different depositional environments"
Groundwater **52** (6), 823 - 824

614. Villasante-Marcos, V., Finizola, A., Abella, R., Barde-Cabusson, S., Blanco, M.J., Brenes, B., Cabrera, V., Casas, B., De Agustín, P., Di Gangi, F., Domínguez, I., García, O., Gomis, A., Guzmán, J., Iribarren, I., Levieux, G., López, C., Luengo-Oroz, N., Martín, I., Moreno, M., Meletlidis, S., Morin, S., Moure, D., Pereda, J., Ricci, T., Romero, E., Schütze, C., Suski-Ricci, B., Torres, P., Trigo, P. (2014):
Hydrothermal system of Central Tenerife Volcanic Complex, Canary Islands (Spain), inferred from self-potential measurements
J. Volcanol. Geotherm. Res. **272**, 59 - 77
615. Vogt, J., Lin, Y., Pranchai, A., Frohberg, P., Mehlig, U., Berger, U. (2014):
The importance of conspecific facilitation during recruitment and regeneration: A case study in degraded mangroves
Basic Appl. Ecol. **15** (8), 651 - 660
616. Voigt, A., Kabisch, N., Wurster, D., Haase, D., Breuste, J. (2014):
Structural diversity: a multi-dimensional approach to assess recreational services in urban parks
Ambio **43** (4), 480 - 491
617. Voinov, A., Seppelt, R., Reis, S., Nabel, J.E.M.S., Shokravi, S. (2014):
Values in socio-environmental modelling: persuasion for action or excuse for inaction
Environ. Modell. Softw. **53**, 207 - 212
618. von Haaren, C., Albert, C., Barkmann, J., de Groot, R.S., Spangenberg, J.H., Schröter-Schlaack, C., Hansjürgens, B. (2014):
From explanation to application: introducing a practice-oriented ecosystem services evaluation (PRESET) model adapted to the context of landscape planning and management
Landsc. Ecol. **29** (8), 1335 - 1346
619. von Schiller, D., Marcé, R., Obrador, B., Gómez-Gener, L., Casas-Ruiz, J.P., Acuña, V., Koschorreck, M. (2014):
Carbon dioxide emissions from dry watercourses
Inland Waters **4** (4), 377 - 382
620. von Wehrden, H., Abson, D.J., Beckmann, M., Cord, A.F., Klotz, S., Seppelt, R. (2014):
Realigning the land-sharing/land-sparing debate to match conservation needs: considering diversity scales and land-use history
Landsc. Ecol. **29** (6), 941 - 948

621. Wagner, V., Li, T., Bayer, P., Leven, C., **Dietrich, P.**, Blum, P. (2014):
Thermal tracer testing in a sedimentary aquifer: field experiment (Lauswiesen, Germany)
and numerical simulation
Hydrogeol. J. **22** (1), 175 - 187
622. **Walther, M., Bilke, L., Delfs, J.-O.**, Graf, T., Grundmann, J., **Kolditz, O.**, Liedl, R. (2014):
Assessing the saltwater remediation potential of a three-dimensional, heterogeneous,
coastal aquifer system
Environ. Earth Sci. **72** (10), 3827 - 3837
623. **Walther, M.**, Solpuker, U., **Böttcher, N.**, **Kolditz, O.**, Liedl, R., Schwartz, F.W. (2014):
Description and verification of a novel flow and transport model for silicate-gel
emplacement
J. Contam. Hydrol. **157** , 1 - 10
624. Wang, C., Lei, Y.D., **Endo, S.**, Wania, F. (2014):
Measuring and modeling the salting-out effect in ammonium sulfate solutions
Environ. Sci. Technol. **48** (22), 13238 - 13245
625. Wania, F., Lei, Y.D., Wang, C., Abbatt, J.P.D., **Goss, K.-U.** (2014):
Novel methods for predicting gas-particle partitioning during the formation of secondary
organic aerosol
Atmos. Chem. Phys. **14** (23), 13189 - 13204
626. **Wasmund, K.**, Schreiber, L., Lloyd, K.G., Petersen, D.G., Schramm, A.,
Stepanauskas, R., Jørgensen, B.B., **Adrian, L.** (2014):
Genome sequencing of a single cell of the widely distributed marine
subsurface *Dehalococcoidia*, phylum *Chloroflexi*
ISME J. **8** , 383 - 397
627. **Wätzold, F., Drechsler, M.** (2014):
Agglomeration payment, agglomeration bonus or homogeneous payment?
Resour. Energy Econ. **37** , 85 - 101
628. Wawro, N., Heinrich, J., Thiering, E., Kratzsch, J., Schaaf, B., Hoffmann, B., **Lehmann, I.**, Bauer, C.-P., Koletzko, S., von Berg, A., Berdel, D., Linseisen, J. (2014):
Serum 25(OH)D concentrations and atopic diseases at age 10: results from the GINIplus
and LISApplus birth cohort studies
BMC Pediatr. **14** , art. 286
629. Weber, N., **Haase, D.**, **Franck, U.** (2014):
Zooming into temperature conditions in the city of Leipzig: How do urban built and green
structures influence earth surface temperatures in the city?
Sci. Total Environ. **496** , 289 - 298

630. Weber, N., **Haase, D., Franck, U.** (2014):
Traffic-induced noise levels in residential urban structures using landscape metrics as indicators
Ecol. Indic. **45**, 611 - 621
631. Weber, N., **Haase, D., Franck, U.** (2014):
Assessing modelled outdoor traffic-induced noise and air pollution around urban structures using the concept of landscape metrics
Landsc. Urban Plan. **125**, 105 - 116
632. **Weiner, B., Poerschmann, J., Wedwitschka, H., Koehler, R., Kopinke, F.-D.** (2014):
Influence of process water reuse on the hydrothermal carbonization of paper
ACS Sustain. Chem. Eng. **2** (9), 2165 - 2171
633. Weiser, C., Zeller, V., Reinicke, F., Wagner, B., Majer, S., Vetter, A., **Thrän, D.** (2014):
Integrated assessment of sustainable cereal straw potential and different straw-based energy applications in Germany
Appl. Energy **114**, 749 - 762
634. Weiss, L., Pfestorf, H., **May, F., Körner, K., Boch, S., Fischer, M., Müller, J., Prati, D., Socher, S.A., Jeltsch, F.** (2014):
Grazing response patterns indicate isolation of semi-natural European grasslands
Oikos **123** (5), 599 - 612
635. **Wells, N.S., Baggs, E.M.** (2014):
Char amendments impact soil nitrous oxide production during ammonia oxidation
Soil Sci. Soc. Am. J. **78** (5), 1656 - 1660
636. **Wells, N.S., Clough, T.J., Johnson-Beebout, S.E., Buresh, R.J.** (2014):
Land management between crops affects soil inorganic nitrogen balance in a tropical rice system
Nutr. Cycl. Agroecosyst. **100** (3), 315 - 332
637. **Wendt-Potthoff, K., Kloß, C., Schultze, M., Koschorreck, M.** (2014):
Anaerobic metabolism of two hydro-morphological similar pre-dams under contrasting nutrient loading (Rappbode Reservoir System, Germany)
Int. Rev. Hydrobiol. **99** (5), 350 - 362
638. Wentrup, C., **Wendeberg, A., Schimak, M., Borowski, C., Dubilier, N.** (2014):
Forever competent: deep-sea bivalves are colonized by their chemosynthetic symbionts throughout their lifetime
Environ. Microbiol. **16** (12), 3699 - 3713

639. **Wetzel, K.**, Silva, G., **Matczynski, U.**, Oehl, F., **Fester, T.** (2014):
Superior differentiation of arbuscular mycorrhizal fungal communities from till and
no-till plots by morphological spore identification when compared to T-RFLP
Soil Biol. Biochem. **72**, 88 - 96
640. **Wiessner, A.**, Müller, J.A., **Kuschk, P.**, **Kappelmeyer, U.**, **Kästner, M.**,
Liu, Y.L., **Stottmeister, U.** (2014):
Environmental pollution by wastewater from brown coal processing – a remediation case
study in Germany
J. Environ. Eng. Landsc. Manag. **22** (1), 71 - 83
641. **Winkler, E.**, Peintinger, M. (2014):
Impact of changing flood regime on a lakeshore plant community: Long-term
observations and individual-based simulation
Ecol. Model. **273**, 151 - 164
642. **Wittmer, H.** (2014):
Book review: "Anja Christnick, Martina Padmanabhan (eds.) 2013, Cultivate Diversity!
A handbook on transdisciplinary approaches to agrobiodiversity research. Weikersheim:
Margraf Publishers, Scientific Books"
International Journal of the Commons **8** (2), 692 - 693
643. **Wu, L.**, **Yao, J.**, Trebse, P., **Zhang, N.**, **Richnow, H.H.** (2014):
Compound specific isotope analysis of organophosphorus pesticides
Chemosphere **111**, 458 - 463
644. Wu, S., **Kuschk, P.**, Brix, H., Vymazal, J., Dong, R. (2014):
Development of constructed wetlands in performance intensifications for wastewater
treatment: A nitrogen and organic matter targeted review
Water Res. **57**, 40 - 55
645. Xia, L., Zheng, X., **Shao, H.**, Xin, J., Peng, T. (2014):
Influences of environmental factors on bacterial extracellular polymeric substances
production in porous media
J. Hydrol. **519, Part D**, 3153 - 3162
646. Xu, W.J., Shao, H., Hesser, J., **Kolditz, O.** (2014):
Numerical modelling of moisture controlled laboratory swelling/shrinkage experiments
on argillaceous rocks
Geological Society, London, Special Publications **400**, 359 - 366
647. Yadav, P.K., Liedl, R., **Dietrich, P.** (2014):
Influence of source thickness on steady-state plume length
Environ. Earth Sci. **71** (2), 959 - 964

648. Yeh, R.Y.L., Farré, M.J., Stalter, D., Tang, J.Y.M., **Molendijk, J.**, **Escher, B.I.** (2014): Bioanalytical and chemical evaluation of disinfection by-products in swimming pool water
Water Res. **59**, 172 - 184
649. Yoon, H., **Leibeling, S.**, Zhang, C., **Müller, R.H.**, Werth, C.J., Zilles, J.L. (2014): Adaptation of *Delftia acidovorans* for degradation of 2,4-dichlorophenoxyacetate in a microfluidic porous medium
Biodegradation **25** (4), 595 - 604
650. Yovkova, V., Otto, C., **Aurich, A.**, Mauersberger, S., Barth, G. (2014): Engineering the α -ketoglutarate overproduction from raw glycerol by overexpression of the genes encoding NADP+-dependent isocitrate dehydrogenase and pyruvate carboxylase in *Yarrowia lipolytica*
Appl. Microbiol. Biotechnol. **98** (5), 2003 - 2013
651. **Zarejousheghani, M.**, **Fiedler, P.**, **Möder, M.**, **Borsdorf, H.** (2014): Selective mixed-bed solid phase extraction of atrazine herbicide from environmental water samples using molecularly imprinted polymer
Talanta **129**, 132 - 138
652. Zehe, E., Ehret, U., Pfister, L., Blume, T., Schröder, B., Westhoff, M., Jackisch, C., Schymanski, S.J., Weiler, M., Schulz, K., Allroggen, N., Tronicke, J., van Schaik, L., **Dietrich, P.**, Scherer, U., Eccard, J., Wulfmeyer, V., Kleidon, A. (2014): HESS opinions: From response units to functional units: a thermodynamic reinterpretation of the HRU concept to link spatial organization and functioning of intermediate scale catchments
Hydrol. Earth Syst. Sci. **18** (11), 4635 - 4655
653. Zhang, A.N., Liu, Z., Chen, Y.P., **Kuschk, P.**, Liu, Y.J. (2014): Effects of EPS on membrane fouling in a hybrid membrane bioreactor for municipal wastewater treatment
Membr. Water Treat. **5** (1), 1 - 14
654. **Zhang, N.**, **Bashir, S.**, **Qin, J.**, Schindelka, J., **Fischer, A.**, **Nijenhuis, I.**, Herrmann, H., **Wick, L.Y.**, **Richnow, H.H.** (2014): Compound specific stable isotope analysis (CSIA) to characterize transformation mechanisms of α -hexachlorocyclohexane
J. Hazard. Mater. **280**, 750 - 757
655. Zhang, R., Bellenberg, S., Castro, L., **Neu, T.R.**, Sand, W., Vera, M. (2014): Colonization and biofilm formation of the extremely acidophilic archaeon *Ferroplasma acidiphilum*
Hydrometallurgy **150**, 245 - 252

656. Zhu, B., Xia, X., Xia, N., **Zhang, S.**, Guo, X. (2014):
Modification of fatty acids in membranes of bacteria: Implication for an adaptive
mechanism to the toxicity of carbon nanotubes
Environ. Sci. Technol. **48** (7), 4086 - 4095

Artikel in anderen Zeitschriften

657. **Albert, C., Görg, C., Neßhöver, C., Wittmer, H., Hinzmann, M.** (2014):
Ökosysteme und ihre Leistungen für Wirtschaft und Gesellschaft. Sondierungsstudie für ein Nationales Assessment in Deutschland: Ziele und erste Ergebnisse
Technikfolgenabschätzung - Theorie und Praxis **23** (1), 54 - 59
658. **Barde, J.A., Lehmann, P.** (2014):
Distributional effects of water tariff reforms – An empirical study for Lima, Peru
Water Resources and Economics **6**, 30 - 57
659. **Bartke, S., Bielke, A., Homuth, A., Roselt, K., Zill, T.** (2014):
Das TIMBRE-Priorisierungstool: Brachflächenbewertung von Grundstücksportfolios in Sachsen und Thüringen
altlasten spektrum **23** (5), 202 - 210
660. **Baumann, S., Rockstroh, M., Bartel, J., Krumsiek, J., Otto, W., Jungnickel, H., Potratz, S., Luch, A., Wilscher, E., Theis, F.J., von Bergen, M., Tomm, J.M.** (2014):
Subtoxic concentrations of benzo[a]pyrene induce metabolic changes and oxidative stress in non-activated and affect the mTOR pathway in activated Jurkat T cells
Journal of Integrated OMICS **4** (1), 11 - 20
661. **Beck, S., Borie, M., Esguerra, A., Chilvers, J., Heubach, K., Hulme, M., Lidskog, R., Lövbrand, E., Marquard, E., Miller, C., Nadim, T., Neßhöver, C., Settele, J., Turnhout, E., Vasileiadou, E., Görg, C.** (2014):
Climate change and the assessment of expert knowledge: does the IPCC model need updating?
Bridges **40** (July), 1 - 7
662. **Becker, S., Kunze, C.** (2014):
Transcending community energy: collective and politically motivated projects in renewable energy (CPE) across Europe
People, Place & Policy **8** (3), 180 - 191
663. Bergmann, A., Weber, F.-A., Hansen, C., Wilde, S., van Straaten, L., van Berk, W., Häußler, S., **Dietrich, P., Franko, U.**, Kiefer, J., Rödelsperger, M. (2014):
Konsequenzen nachlassenden Nitratabbaus in Grundwasserleitern
Energie-, Wasser-Praxis **62** (2), 36 - 42
664. **Binder, S., Möckel, S.** (2014):
Monatliche Rubrik "Natur und Recht"
Nat. Landschaft **89** (9/10), 456 - 457

665. **Bischoff, P., Rink, D.** (2014):
Ländliche Schrumpfung in Ostdeutschland: Konsequenzen und Handlungsansätze für die Daseinsvorsorge
Land-Berichte **17** (1), 26 - 39
666. Böhm, A., **Franck, U.** (2014):
Feinstaub - die unsichtbare Gefahr
Hauptsache gesund (4), 9
667. **Bonn, A.**, Hotes, S. (2014):
IPBES-AG
Nachrichten der Gesellschaft für Ökologie **44** (2), 14
668. **Bovet, J.** (2014):
Notwendigkeit und Steuerungsmöglichkeiten einer unterirdischen Raumordnung
Umwelt- und Planungsrecht **34** (11+12), 418 - 425
669. DeAngelis, D.L., **Grimm, V.** (2014):
Individual-based models in ecology after four decades
F1000Prime Reports **6** , 39
670. Dross, M., **Bovet, J.** (2014):
Einfluss und Bedeutung der europäischen Stromnetzplanung für den nationalen Ausbau der Energienetze
ZNER **18** (5), 430 - 436
671. Elsner, M., **Vogt, C., Georgi, A., Kopinke, F.-D.**, Calmano, W., Schreglmann, K., Bergmann, A., Mayer, B. (2014):
Chemikalien beim Fracking zur Gewinnung unkonventioneller Erdgasressourcen
Die Aktuelle Wochenschau (Woche 16, 16.4.2014), 1 - 5
672. **Gawel, E.** (2014):
Das Trugbild vom Strompreis
Sächsische Zeitung (13. Februar), 5
673. **Gawel, E.** (2014):
Neuordnung der Professorenbesoldung in Sachsen
Sächsische Verwaltungsblätter **22** (6), 125 - 143
674. **Gawel, E.** (2014):
Nutzerfinanzierung öffentlicher Aufgaben – Stand und Perspektiven des Entgeltstaates
Die Verwaltung **47** (4), 467 - 491

675. **Gawel, E.** (2014):
Konzepte zur "Berücksichtigung" von Umwelt- und Ressourcenkosten nach Art. 9 WRRL
Verwaltungsarchiv **105** (2), 99 - 124
676. **Gawel, E.** (2014):
Taking into account environmental and resource costs for waste water discharge: current challenges for and perspectives of the German waste water charge
Zeitschrift für Umweltpolitik und Umweltrecht **37** (3), 301 - 325
677. **Gawel, E.** (2014):
Umwelt- und Ressourcenkosten: Begriff und Stellung im Rahmen von Art. 9 WRRL
Die öffentliche Verwaltung **67** (8), 330 - 338
678. **Gawel, E.** (2014):
Kostendeckung für Wasserdienstleistungen nach Art. 9 WRRL: Kommission unterliegt, erhält aber Einladung zu neuerlicher Klage
Zeitschrift für Umweltrecht (ZUR) **25** (11), 604 - 608
679. **Gawel, E.** (2014):
Reform der Abwasserabgabe : Kosteneffizienz durch marktwirtschaftlichen Gewässerschutz - Konzeption für eine überfällige Lenkungsertüchtigung
Wasserwirtschaft, Wassertechnik : wwt **64** (4), 54 - 58
680. **Gawel, E.** (2014):
Kernbrennstoffsteuer und Verbrauchsteuerbegriff
Zeitschrift für Zölle und Verbrauchsteuern **90** (9), 230 - 243
681. **Gawel, E.** (2014):
Der Schienenverkehr in der besonderen Ausgleichsregelung des EEG
Netzwirtschaften & Recht **11** (Beilage 1), 1 - 8
682. **Gawel, E.** (2014):
Begriff der Wasserdienstleistungen in Art. 9 WRRL - Anmerkungen zu den EuGH-Schlussanträgen von GA Jääskinen in Rs. C-525/12
InfrastrukturRecht **11** (7), 149 - 153
683. **Gawel, E.** (2014):
Standpunkt: Der Energiewende nächster Akt - EEG-Reform ante portas
UFZ-Newsletter (April 2014), 5
684. **Gawel, E.**, Aguado, M. (2014):
W-Besoldung; Konsumtionsregeln auf dem Prüfstand
ZBR **62** (12), 397 - 405

685. **Gawel, E.**, Aguado, M. (2014):
W-Besoldung: Verfassungsrechtliche Probleme der Zulagenüberleitung nach § 10
HPBesG
LKRZ : Zeitschrift für Landes- und Kommunalrecht Hessen, Rheinland-Pfalz, Saarland **8**
(10), 399 - 340
686. **Gawel, E.**, Aguado, M. (2014):
Neuregelungen der W-Besoldung auf dem verfassungsrechtlichen Prüfstand
WissR **47** (3), 267 - 300
687. **Gawel, E.**, Aguado, M. (2014):
W-Besoldung : Verfassungsrechtliche Probleme der Einmal-Konsumtion bei
Stufenmodellen
Forschung & Lehre **21** (8), 624 - 627
688. **Gawel, E., Köck, W.** (2014):
Die Zukunft der Wassernutzungsabgaben
Neue Zeitschrift für Verwaltungsrecht – Extra **33** (18), 1 - 11
689. **Gawel, E., Köck, W.** (2014):
Die Zukunft der Wassernutzungsabgaben
Neue Zeitschrift für Verwaltungsrecht **33** (18), 1212 - 1213
690. **Gawel, E., Köck, W., Schindler, H., Kern, K., Holländer, R., Rüger, J., Anlauf, K.** (2014):
Novellierung des Abwasserabgabengesetzes – Reformoptionen und ihre Bewertung
Zeitschrift für Wasserrecht **53** (2), 57 - 92
691. **Gawel, E., Lehmann, P., Korte, K., Strunz, S., Bovet, J., Köck, W.**, Massier, P.,
Löschen, A., Schober, D., Ohlhorst, D., Tews, K., Schreurs, M., Reeg, M., Wassermann,
S. (2014):
Die Zukunft der Energiewende in Deutschland
Energiewirtschaftliche Tagesfragen **64** (4), 37 - 44
692. **Gawel, E., Lehmann, P., Korte, K., Strunz, S., Bovet, J., Köck, W.**, Massier, P.,
Löschen, A., Schober, D., Ohlhorst, D., Tews, K., Schreurs, M., Reeg, M., Wassermann,
S. (2014):
The future of the energy transition in Germany
Energy, Sustainability and Society **4** , art. 15
693. **Gawel, E., Lehmann, P., Korte, K., Strunz, S., Bovet, J., Köck, W.**, Massier, P.,
Löschen, A., Schober, D., Ohlhorst, D., Tews, K., Schreurs, M., Reeg, M., Wassermann,
S. (2014):
Die Zukunft der Energiewende in Deutschland
Zeitschrift für Umweltrecht (ZUR) **25** (4), 219 - 225

694. **Gawel, E., Lehmann, P., Strunz, S.** (2014):
Scrapping EU renewable targets after 2020 makes no sense
The Conversation (23 January)
695. **Gawel, E.**, Unnerstall, H. (2014):
Angemessene Berücksichtigung von Umwelt- und Ressourcenkosten nach Art. 9 WRRL
in der Praxis. Zugleich eine Replik auf den Arbeitsbericht der DWA-Arbeitsgruppe
„Ökonomische Aspekte der WRRL“ in KA 4/2011 – Teil 1
KA - Korrespondenz Abwasser, Abfall **61** (1), 49 - 56
696. **Gawel, E.**, Unnerstall, H. (2014):
Angemessene Berücksichtigung von Umwelt- und Ressourcenkosten nach Art. 9 WRRL
in der Praxis. Zugleich eine Replik auf den Arbeitsbericht der DWA-Arbeitsgruppe
„Ökonomische Aspekte der WRRL“ in KA 4/2011 – Teil 2
KA - Korrespondenz Abwasser, Abfall **61** (3), 223 - 229
697. **Gawel, E.**, Unnerstall, H. (2014):
Ist der Kostendeckungsgrundsatz in Art. 9 WRRL allein umweltzielbezogen?
Deutsches Verwaltungsblatt **129** (15), 963 - 968
698. Gebel, M., Uhlig, M., Halbfass, S., **Meissner, R.**, Duan, S. (2014):
Predicting erosion and sediment yield in a mesoscale basin in the semiarid monsoon
region Miyun/China
Ecological Processes **3**, 5
699. **Görg, C., Aicher, C.** (2014):
Ökosystemleistungen – zwischen Natur und Gesellschaft. Anforderungen an eine inter-
und transdisziplinäre Forschung aus Sicht der Sozialwissenschaften
Berichte und Abhandlungen / Berlin-Brandenburgische Akademie der Wissenschaften
(vormals Preußische Akademie der Wissenschaften) **16**, 35 - 58
700. **Grimm, A.**, Ramírez, A.M.P., Moulherat, S., Reynaud, J., **Henle, K.** (2014):
Life-history trait database of European reptile species
Nature Conservation (9), 45 - 67
701. Haila, Y., **Henle, K.** (2014):
Uncertainty in biodiversity science, policy and management: a conceptual overview
Nature Conservation (8), 27 - 43
702. Haila, Y., **Henle, K.**, Apostolopoulou, E., Cent, J., Framstad, E., **Görg, C.**, **Jax, K.**,
Klenke, R., Magnusson, W.E., **Matsinos, Y.**, **Müller, B.**, Paloniemi, R.,
Pantis, J., **Rauschmayer, F.**, **Ring, I.**, **Settele, J.**, Similä, J., Touloumis, K.,
Tzanopoulos, J., **Pe'er, G.** (2014):
Confronting and coping with uncertainty in biodiversity research and praxis
Nature Conservation (8), 45 - 75

703. **Hansjürgens, B.** (2014):
Ökosystemleistungen und ihre ökonomische Bewertung im Visier von Politik und
Forschung in Deutschland. Ecosystem services and their economic valuation in the focus
of politics and research in Germany
Nat. Landschaft **89** (2), 56 - 60
704. **Hansjürgens, B., Aicher, C., Klauer, B., Schiller, J.** (2014):
Aspekte der Nachhaltigkeit systematisch in den Blick nehmen
TAB Brief (43), 19 - 22
705. **Hansjürgens, B., Moesenfechtel, U.** (2014):
Monetäre Bewertung von Landschaft
Anthos: Zeitschrift für Landschaftsarchitektur (4), 51 - 53
706. **Hansjürgens, B., Schröter-Schlaack, C., Brenck, M., Moesenfechtel, U.** (2014):
Der Wert der biologischen Vielfalt – eine ökonomische Sicht
Senckenberg : Natur, Forschung, Museum ; das Senckenberg-Wissenschaftsmagazin **144**
(1/2), 38 - 43
707. **Hauck, J., Schleyer, C., Winkler, K.J., Maes, J.** (2014):
Shades of greening: reviewing the impact of the new EU agricultural policy on ecosystem
services
Change and Adaptation in Socio-Ecological Systems **1** (1), 51 - 62
708. Heilmeier, H., Hartung, W., **Durka, W.** (2014):
Habitat conditions, population genetics and niche partitioning of the
Namibian resurrection plant *Chamaegigas intrepidus* dinter
Contrib. Bot. **49**, 109 - 120
709. Hoffmann, A., Penner, J., Vohland, K., Cramer, W., Doubleday, R., **Henle, K.**,
Köljalg, U., **Kühn, I.**, Kunin, W., Negro, J.J., Penev, L., Rodríguez, C.,
Saarenmaa, H., **Schmeller, D.S.**, Stoev, P., Sutherland, W., Sutherland, W.J., Tuama,
É.O. , Wetzel, F., Häuser, C.L. (2014):
Improved access to integrated biodiversity data for science, practice, and policy - the
European Biodiversity Observation Network (EU BON) [The need for an integrated
biodiversity policy support process – building the European contribution to a global
Biodiversity Observation Network (EU BON)]
Nature Conservation (6), 49 - 65
710. Inbar, N., Al-Raggad, M., Magri, F., Yellin-Dror, A., Rosenthal, E., Möller, P., **Siebert, C.**, Salameh, E., Guttman, J. (2014):
New structural/tectonical model and its implication on hydrological thinking and
groundwater management – the Lake Tiberias, Jordan Rift Valley
Geophysical Research Abstracts **16**, EGU2014-10007

711. **Karthe, D.**, Kasimov, N.S., Chalov, S.R., Shinkareva, G.L., Malsy, M., Menzel, L., **Theuring, P.**, **Hartwig, M.**, **Schweitzer, C.**, Hofmann, J., **Priess, J.**, Lychagin, M. (2014):
Integrating multi-scale data for the assessment of water availability and quality in the Kharaa - Orkhon - Selenga River system
Geography, Environment, Sustainability **3** (7), 65 - 86
712. **Kern, K.** (2014):
Neue Anforderungen und Instrumente für die europäische Gewässerqualität. Novellierung der Liste der prioritären Stoffe durch die Richtlinie 2013/39/EU
Neue Zeitschrift für Verwaltungsrecht **33** (5), 256 - 262
713. **Kern, K., Gawel, E.** (2014):
Reform der Abwasserabgabe. Tagung am Helmholtz-Zentrum für Umweltforschung – UFZ am 11.11.2013 in Leipzig
Neue Zeitschrift für Verwaltungsrecht **33** (1/2), 39 - 40
714. **Kern, K., Gawel, E.** (2014):
Praktische Ausgestaltung einer fortzuentwickelnden Abwasserabgabe. Tagung am Helmholtz-Zentrum für Umweltforschung (UFZ) am 11.11.2013
W+B (1), 49 - 51
715. **Kleinsteuber, S.** (2014):
Editorial: Special Issue on “Microbial Ecology of Anaerobic Digestion”
Bioengineering **1** (2), 111 - 112
716. **Klenke, R., Ruß, A.**, Castellani, L., Büchler, B. (2014):
Leuchtend und doch nicht zu sehen – Einfluss von künstlichem Licht auf Vögel
Praxis der Naturwissenschaften - Biologie in der Schule **63** (7), 18 - 23
717. **Knapp, S.** (2014):
Die Stadt brummt : vom Wert der Stadtnatur für Pflanzen und Bienen
ADIZ/db/IF (1), 18 - 19
718. **Koch, C., Popiel, D., Harnisch, F.** (2014):
Functional redundancy of microbial anodes fed by domestic wastewater
ChemElectroChem **1** (11), 1923 - 1931
719. **Köck, W.** (2014):
Buchbesprechung: Kahl, Wolfgang/Schmidtchen, Marcus, Kommunaler Klimaschutz durch Erneuerbare Energien. Recht der Nachhaltigen Entwicklung, Band 11. Tübingen 2013, Mohr Siebeck. XXIV, 441 S.
Die Verwaltung **47** (3), 458 - 461

720. **Köck, W.** (2014):
Immissionsschutzrechtliche Aspekte des Ausbaus der Übertragungsleitungen für Strom : zur Novelle der Verordnung über elektromagnetische Felder
Zeitschrift für Umweltrecht (ZUR) **25** (3), 131 - 139
721. **Köck, W.**, Schlacke, S. (2014):
Editorial: 25 Jahre Zeitschrift für Umweltrecht. 8. VUR/ZUR Fachgespräch "Die Zukunftsfähigkeit der Umweltverträglichkeitsprüfung"
Zeitschrift für Umweltrecht (ZUR) **25** (10), 513 - 514
722. **Kong, Y.**, Pang, Z., **Shao, H.**, Hu, S., **Kolditz, O.** (2014):
Recent studies on hydrothermal systems in China: a review
Geothermal Energy **2** , art. 19
723. **Kraushaar, S.**, Schumann, T., Ollesch, G., Siebert, C., Vogel, H.-J. (2014):
Sediment fingerprinting in Northern Jordan - approaching sediment comparability
Geophysical Research Abstracts **16** , EGU2014-841-1
724. **Kühn, E.**, Musche, M., Feldmann, R., Harpke, A., Wiemers, M., Hirneisen, N., Schweiger, O., Settele, J. (2014):
Tagfalter-Monitoring Deutschland – Ehrenamt für die Wissenschaft
Forum der Geoökologie **25** (3), 12 - 16
725. **Kühn, E.**, Musche, M., Harpke, A., Feldmann, R., Metzler, B., Wiemers, M., Hirneisen, N., Settele, J. (2014):
Tagfalter-Monitoring Deutschland - Anleitung für Transekztzähler
Oedipus **27** , 1 - 48
726. **Kühn, E.**, Musche, M., Harpke, A., Feldmann, R., Metzler, B., Wiemers, P., Wiemers, M., Settele, J. (2014):
TMD-Nachrichten aus der Redaktion
Oedipus **28** , 36 - 42
727. **Kühn, E.**, Musche, M., Harpke, A., Feldmann, R., Wiemers, M., Hirneisen, N., Metzler, B., Wiemers, P., Settele, J. (2014):
Jahresauswertung 2013 des Tagfalter-Monitoring Deutschland
Oedipus **30** , 4 - 29
728. **Kühn, E.**, Musche, M., Harpke, A., Schmucki, R., Feldmann, R., Wiemers, M., Hirneisen, N., Settele, J. (2014):
Jahresauswertung des Tagfalter-Monitoring Deutschland
Oedipus **28** , 6 - 29

729. **Kühn, E., Wiemers, M., Settele, J.** (2014):
Editorial
Oedipus **28**, 4 - 5
730. Langer, M., Wolf, J., Sorge, H.-C., **Karthe, D.** (2014):
Forschung für die Wasserinfrastrukturen von morgen
Energie-, Wasser-Praxis **62** (10), 72 - 75
731. **Lehmann, P., Gawel, E., Strunz, S.** (2014):
Abschied von europäischen Ausbauzielen für Erneuerbare? Eine fragwürdige
Entscheidung
Zeitschrift für Umweltrecht (ZUR) **25** (4), 193 - 194
732. **Lentendu, G., Wubet, T., Chatzinotas, A., Wilhelm, C., Buscot, F., Schlegel, M.**
(2014):
Data from: Effects of long term differential fertilization on eukaryotic microbial
communities in an arable soil: a multiple barcoding approach
Dryad Digital Repository, doi:10.5061/dryad.c4s8s
733. **Louzao, M., Wiegand, T., Bartumeus, F., Weimerskirch, H.** (2014):
Coupling instantaneous energy-budget models and behavioural mode analysis to estimate
optimal foraging strategy: an example with wandering albatrosses
Movement Ecology **2**, art. 8
734. **Ludwig, G.** (2014):
Gesamtabwägung ins Bundesberggesetz! Konsequenzen aus dem Garzweiler-Urteil des
BVerfG vom 17.12.2013
Zeitschrift für Umweltrecht (ZUR) **25** (9), 451 - 457
735. **Ludwig, G., Möckel, S.** (2014):
Monatliche Rubrik "Natur und Recht"
Nat. Landschaft **89** (11), 499 - 500
736. Magri, F., Inbar, N., Guttman, J., Rosenthal, E., Yellin-Dror, A., Kühn, M.,
Möller, P., Raggad, M., Salameh, E., **Siebert, C.** (2014):
Potential salinization mechanisms of drinking water due to large-scale flow of brines
across faults in the Tiberias Basin
Geophysical Research Abstracts **16**, EGU2014-8236
737. **Möckel, S.** (2014):
Agrarwende in Sicht?
Zeitschrift für Umweltrecht (ZUR) **25** (5), 257 - 258

738. **Möckel, S.** (2014):
Verbesserte Anforderungen an die gute fachliche Praxis der Landwirtschaft
Zeitschrift für Umweltrecht (ZUR) **25** (1), 14 - 23
739. **Möckel, S.** (2014):
Monatliche Rubrik "Natur und Recht"
Nat. Landschaft **89** (8), 377 - 378
740. Müller-Langer, F., Majer, S., **O'Keeffe, S.** (2014):
Benchmarking biofuels—a comparison of technical, economic and environmental indicators
Energy, Sustainability and Society **4**, art. 20
741. **Musche, M., Wiemers, M., Kühn, I.** (2014):
Konzept für ein Monitoring der Auswirkungen des Klimawandels auf die biologische Vielfalt Thüringens
Landschaftspflege und Naturschutz in Thüringen **51** (2), 67 - 78
742. **Pe'er, G., Mihoub, J.-B., Dislich, C.**, Matsinos, Y. (2014):
Towards a different attitude to uncertainty
Nature Conservation (8), 95 - 114
743. **Pompe, S., Hanspach, J., Badeck, F.-W., Klotz, S., Bruelheide, H., Kühn, I.** (2014):
Using ecological and life-history characteristics for projecting species' responses to climate change
Frontiers of Biogeography **6** (3), 119 - 131
744. Praetorius, A., Tufenkji, N., **Goss, K.-U.**, Scheringer, M., von der Kammer, F., Elimelech, M. (2014):
The road to nowhere: equilibrium partition coefficients for nanoparticles
Environ. Sci.: Nano **1** (4), 317 - 323
745. **Purkus, A., Gawel, E., Deissenroth, M., Nienhaus, K., Wassermann, S.** (2014):
 Beitrag der Marktprämie zur Marktintegration erneuerbarer : Erfahrungen aus dem EEG 2012 und Perspektiven der verpflichtenden Direktvermarktung
Energiewirtschaftliche Tagesfragen **64** (12), 8 - 16
746. Rau, S., Scheibe, N., Hilbig, U., **von Tümpeling, W.**, Gauglitz, G. (2014):
Entwicklung eines markierungsfreien Biosensors zum Nachweis von Diclofenac in abwasserbelasteten Oberflächengewässern
Gesellschaft Deutscher Chemiker / Mitteilungen der Fachgruppe Umweltchemie und Ökotoxikologie **20** (1), 2 - 5

747. **Rauschmayer, F.** (2014):
Wie Drogenabhängige. Warum der Entzug vom Wachstum schwierig wird
Frankfurter Rundschau **70** (3. September), 12 - 13
748. **Rauschmayer, F.**, Leßmann, O., Gutwald, R., Krause, P., Volkert, J., **Masson, T.**, Griewald, Y., **Omann, I.**, **Mock, M.** (2014):
Künftige Freiheiten schützen? Nachhaltige Entwicklung aus Sicht des Capability-Ansatzes
Ökologisches Wirtschaften **29** (4), 30 - 34
749. Renn, O., **Köck, W.**, Schweizer, P.-J., **Bovet, J.**, Benighaus, C., Scheel, O., Schröter, R. (2014):
Öffentlichkeitsbeteiligung bei Vorhaben der Energiewende. Neun Thesen zum Einsatz und zur Gestaltung der Öffentlichkeitsbeteiligung
Zeitschrift für Umweltrecht (ZUR) **25** (5), 281 - 287
750. **Ring, I.**, **Moesenfechtel, U.** (2014):
Das Unsichtbare sichtbar machen : die TEEB-Initiative
Hotspot (30), 8 - 9
751. **Ring, I.**, **Moesenfechtel, U.** (2014):
Rendre visible l'invisible : l'initiative TEEB
Hotspot (30), 8 - 9
752. **Ring, I.**, **Moesenfechtel, U.**, Elsasser, P. (2014):
Wie tragen deutsche Wälder zum Klimaschutz bei? Erste Ergebnisse aus "Naturkapital Deutschland – TEEB DE"
BDF aktuell **55** (11), 5 - 6
753. **Rink, D.** (2014):
Gesund schrumpfen – Rückbau konstruktiv gestalten
LandInForm (3), 10 - 11
754. Schmitt, T.G., **Borchardt, D.** (2014):
Einleitung von Regenwetterabflüssen in Gewässer : BWK-DWA-Diskussionsforum in Hennef
KA - Korrespondenz Abwasser, Abfall **61** (2), 107 - 108
755. Schurian, K., **Wiemers, M.** (2014):
Contribution to the biology, ecology and taxonomy of *Polyommatus (Lysandra) coridon nufrellensis* (Schurian, 1977) (Lepidoptera: Lycaenidae), Part III¹: an experimental hybridisation of *P. (L.) c. coridon* × *P. (L.) c. nufrellensis*
Nachrichten des Entomologischen Vereins Apollo **35** (4), 165 - 172

756. **Seppelt, R., Bonn, A.** (2014):
Modellierung ökosystemarer Dienstleistungen – Ein kleiner, aber wichtiger Beitrag zur Bestimmung nachhaltiger Ressourcennutzung
Forum der Geoökologie **25** (2), 17 - 21
757. **Siebert, C., Mallast, U., Rödiger, T.**, Ionescu, D., Schwonke, F., Hall, J.K., Sade, A.R., Pohl, T., Merkel, B. (2014):
Multiple sensor tracking of submarine groundwater discharge: concept study along the Dead Sea
Geophysical Research Abstracts **16**, EGU2014-11217
758. **Siebert, C.**, Möller, P., Rosenthal, E., Salameh, E., Guttman, J., Yellin-Dror, A., Inbar, N., Al-Raggad, M., Magri, F. (2014):
Distribution of Upper Pliocene brines in the northern Jordan Rift Valley, Israel and Jordan
Geophysical Research Abstracts **16**, EGU2014-11053-1
759. Stützel, H., Brüggemann, N., Fangmeier, A., Ordon, F., Schlecht, E., **Seppelt, R.**, Wolters, V. (2014):
Feldversuchsinfrastrukturen - Status quo und Perspektiven. Positionspapier der DFG Senatskommission für Agrarökosystemforschung. Infrastructures for agroecological field research – current situation and future prospects. Position paper of the DFG Senate Commission on Agroecosystem Research
Journal für Kulturpflanzen **66** (7), 237 - 240
760. **Ulbrich, K., Kühn, E., Wiemers, M., Harpke, A., Settele, J.** (2014):
„Find the Great Burnet“ – a Citizen Science project
Oedipus **29**, 21 - 31
761. Vetter, P., Schmidt, W., **Schwarze, R.** (2014):
Efficient approximation of the spatial covariance function for large datasets – analysis of atmospheric CO₂ concentrations
Journal of Environmental Statistics **6** (3), 1 - 36
762. **Vienken, T., Kreck, M., Hausmann, J., Werban, U., Dietrich, P.** (2014):
Innovative strategies for high resolution site characterization: application to a flood plain
Acque Soterranei **3** (4/138), 7 - 14
763. Vitztum, M., **Scholz, M.** (2014):
Fachtagung zur Auenrevitalisierung
Nat. Landschaft **89** (1), 39 - 40
764. Wang, X., Shao, H., Hesser, J., Zhang, C.L., **Wang, W., Kolditz, O.** (2014):
Numerical analysis of thermal impact on hydro-mechanical properties of clay
Journal of Rock Mechanics and Geotechnical Engineering **6** (5), 405 - 416

765. **Winter, M.** (2014):
AK Makroökologie - gemeinsame Tagung in Kopenhagen
Nachrichten der Gesellschaft für Ökologie **44** (2), 12
766. Wolters, V., Isselstein, J., Stützel, H., Ordon, F., von Haaren, C., Schlecht, E., Wesseler, J., Birner, R., von Lützow, M., Brüggemann, N., Diekkrüger, B., Fangmeier, A., Flessa, H., Kage, H., Kaupenjohann, M., Kögel-Knabner, I., Mosandl, R., **Seppelt, R.** (2014):
Nachhaltige ressourceneffiziente Erhöhung der Flächenproduktivität: Zukunftsoptionen der deutschen Agrarökosystemforschung. Grundsatzpapier der DFG Senatskommission für Agrarökosystemforschung. Sustainable and resource efficient intensification of crop production – perspectives of agro-ecosystem research. Policy paper of the DFG Senate Commission on Agroecosystem Research
Journal für Kulturpflanzen **66** (7), 225 - 236
767. Wu, L., Yao, J., Jain, R.K., Duan, X., **Richnow, H.H.** (2014):
An efficient thermotolerant and halophilic biosurfactant-producing bacterium isolated from Dagang oil field for MEOR application
International Journal of Current Microbiology and Applied Sciences **3** (7), 586 - 599

Journalherausgaben

768. **Gawel, E.**, Grunwald, A., **Thrän, D.** (eds., 2014):
The transition of energy systems towards sustainability: challenges and lessons learnt
from the German 'Energiewende'
Energy, Sustainability and Society **4** (Special issue),
769. **Grimm, V.**, Thorbek, P. (eds., 2014):
Population models for ecological risk assessment of chemicals
Ecol. Model. **280** (24 May 2014), 1-148
770. **Groß, M.**, Stauffacher, M. (eds., 2014):
Transdisciplinary environmental science: problem-oriented projects and strategic research
programs
Interdiscip. Sci. Rev. **39** (4), 299-398
771. **Kühn, E.**, **Musche, M.**, **Harpke, A.**, **Feldmann, R.**, **Wiemers, M.**, Hirneisen,
N., Metzler, B., **Wiemers, P.**, **Settele, J.** (Hrsg., 2014):
Tagfalter-Monitoring Deutschland – Jahresbericht 2013
Oedipus **30**, 53
772. **Kühn, E.**, **Musche, M.**, **Harpke, A.**, **Feldmann, R.**, **Wiemers, M.**, **Metzler, B.**,
Hirneisen, N., **Settele, J.** (Hrsg., 2014):
Tagfalter-Monitoring Deutschland – Jahresbericht 2012
Oedipus **28**, 56

Bücher

773. **Gawel, E.** (2014):
Das Wasserentnahmeeentgeltgesetz Nordrhein-Westfalen : Bestandsaufnahme und Evaluierung
Studien zu Umweltökonomie und Umweltpolitik 9
Duncker & Humblot, Berlin, 161 S.
774. **Groß, M.** (2014):
Experimentelles Nichtwissen : Umweltinnovationen und die Grenzen sozial-ökologischer Resilienz
Science Studies
Transcript, Bielefeld, 198 S.
775. **Thrän, D.**, Billig, E., Persson, T., Svensson, M., Daniel-Gromke, J., Ponitka, J., Seiffert, M., Baldwin, J., Kranzl, L., Schipfer, F., Matzenberger, J., Devriendt, N., Dumont, M., Dahl, J., Bochmann, G. (2014):
Biomethane – status and factors affecting market development and trade : a joint study by IEA Bioenergy Task 40 and Task 37
In: Junginger, M., Baxter, D. (eds.)
IEA Bioenergy,
776. **Welz, J.** (2014):
Segregation und Integration in Santiago de Chile zwischen Tradition und Umbruch
Megacities and Global Change 11
Franz Steiner, Stuttgart, 258 S.
777. **Wiegand, T.**, Moloney, K.A. (2014):
Handbook of spatial point-pattern analysis in ecology
Chapman & Hall / CRDC applied environmental statistics 9
CRC Press / Taylor & Francis, Boca Raton, FL, 538 pp.

Buchherausgaben

778. Brils, J., **Brack, W.**, Müller-Grabherr, D., Négrel, P., Vermaat, J.E. (eds., 2014): Risk-informed management of European river basins
Handbook of Environmental Chemistry Series 29
Springer, Berlin, Heidelberg, 395 pp.
779. Ewer, W., Ramsauer, U., **Reese, M.**, Rubel, R. (Hrsg., 2014): Methodik - Ordnung - Umwelt : Festschrift für Hans-Joachim Koch aus Anlass seines siebzigsten Geburtstags
Schriften zum Öffentlichen Recht 1279
Duncker & Humblot, Berlin, 750 S.
780. Faßbender, K., **Köck, W.** (Hrsg., 2014): Versorgungssicherheit in der Energiewende - Anforderungen des Energie-, Umwelt- und Planungsrechts : Dokumentation des 18. Leipziger Umweltrechtlichen Symposions des Instituts für Umwelt- und Planungsrecht der Universität Leipzig und des Helmholtz-Zentrums für Umweltforschung - UFZ am 18. und 19. April 2013
Leipziger Schriften zum Umwelt- und Planungsrecht 25
Nomos, Baden-Baden, 135 S.
781. **Henle, K.**, Potts, S.G., Kunin, W.E., Matsinos, Y.G., Similä, J., Pantis, J.D., Grobelnik, V., Penev, L., **Settele, J.** (eds., 2014): Scaling in ecology and biodiversity conservation
Pensoft, Sofia, 205 pp.
782. **Kabisch, N.**, Larondelle, N., Reeve, A., Artmann, M. (eds., 2014): Human-environmental interactions in cities: challenges and opportunities of urban land use planning and green infrastructure
Cambridge Scholars Publishing, Cambridge, 165 pp.
783. **Krellenberg, K.**, **Hansjürgens, B.** (eds., 2014): Climate adaptation Santiago
Springer, Berlin, Heidelberg, 216 pp.
784. Lessmann, O., **Rauschmayer, F.** (eds., 2014): The capability approach and sustainability
Routledge, London, 176 pp.
785. Squintani, L., Vedder, H., **Reese, M.**, Vanheusden, B (eds., 2014): Sustainable energy united in diversity – challenges and approaches in energy transition in the EU
European Environmental Law Forum Book Series Vol. 1
EELF, Helmholtz Centre for Environmental Research, Leipzig, 268 pp.

786. **Vershinin, V.L.**, Djubuya, A., **Henle, K.**, Puky, M. (eds., 2014):
Anomalii i Patologii Amfibii i Reptilii / Аномалии и патологии амфибий и рептилий :
методология, эволюционное значение, возможность оценки здоровья среди
Uralskii Federalnii Universitet, Ekaterinburg, 192 pp.

Buchkapitel

787. **Albert, C.**, Hermes, J. (2014):
Abschätzung von Ökosystemleistungen auf Basis von Daten der Landschaftsfunktionsanalyse am Beispiel des Wasserdargebots
In: Küpper, P., Levin-Keitel, M., Maus, F., Müller, P., Reimann, S., Sondermann, M., Stock, K., Wiegand, T. (Hrsg.)
Raumentwicklung 3.0 - Gemeinsam die Zukunft der räumlichen Planung gestalten : 15. Junges Forum der ARL 6. bis 8. Juni 2012 in Hannover
Arbeitsberichte der ARL 8
Akademie für Raumforschung und Landesplanung, Hannover, S. 123 - 132
788. Barbier, N., Bellot, J., Couteron, P., **Wiegand, T.**, Grimm, V., Deblauwe, V., Biro, P., Mueller, E.N. (2014):
Assessment of patterns in ecogeomorphic systems
In: Mueller, E.N., Wainwright, J., Parsons, A.J., Turnbull, L. (eds.)
Patterns of land degradation in drylands: understanding self-organised ecogeomorphic systems
Springer, Utrecht, p. 247 - 264
789. Barton, J., Harris, J., **Krellenberg, K.** (2014):
Developing climate change adaptation measures in a participatory process: roundtable meetings
In: Krellenberg, K., Hansjürgens, B. (eds.)
Climate Adaptation Santiago
Springer, Berlin, Heidelberg, p. 157 - 173
790. **Beck, S.** (2014):
Wissenschaftsbasierte Politik im Zeichen ökologischer Modernisierung: der Weltklimarat als Pionier
In: Bemann, M., Metzger, B., von Denen, R. (Hrsg.)
Ökologische Modernisierung : zur Geschichte und Gegenwart eines Konzepts in Umweltpolitik und Sozialwissenschaften
Campus, Frankfurt/Main, S. 201 - 232
791. **Beck, S.**, Böschen, S., Kropp, C., Voss, M. (2014):
Aus dem Schatten der Klimamodellierung - Zur Repolitisierung des Klimawandels durch Sozialwissenschaften
In: Böschen, S., Gill, B., Kropp, C., Vogel, K. (Hrsg.)
Klima von unten : regionale Governance und gesellschaftlicher Wandel
Campus, Frankfurt/M., New York, S. 35 - 53

792. Bedall, P., **Görg, C.** (2014):
Antagonistic standpoints : climate justice coalition viewed in light of a theory of societal
elationships with nature
In: Dietz, M., Garrelts, H. (eds.)
Routledge handbook of the climatic change movement
Routledge, London, p. 44 - 65
793. Billig, E., Devriendt, N., **Thrän, D.**, Persson, T., Kranzl, L., Baldwin, J., Ponitka, J.,
Seiffert, M., Svensson, M., Matzenberger, J., Pelkmans, L., Van Deal, M. (2014):
Market deployment of biomethane in IEA member countries - focus on stakeholders
questionnaire
In: Hoffmann, C., Baxter, D., Maniatis, K., Grassi, A., Helm, P. (eds.)
*Online Proceedings of the 22nd European Biomass Conference and Exhibition EU BC&E
2014, 24./25.06.2014 CCH - Congress Center Hamburg*
EU BC&E Proceedings 2014
ETA-Florence Renewable Energies, Florence, p. 1688 - 1691
794. Borges, P., dos Santos Silva, F.D., **Weiss, H.**, Bernhofer, C. (2014):
Climate change in Central Brazil
In: Lorz, C. (ed.)
Integrated Water Resource Management in Brazil
IWA Publishing, London, p. 9 - 22
795. Brils, J., Barcelo, D., Blum, W., **Brack, W.**, Harris, B., Müller-Grabherr, D., Négrel, P.,
Ragnarsdottir, V., Salomons, W., Slob, A., Track, T., Vegter, J., Vermaat, J.E. (2014):
Introduction: The need for risk-informed river basin management
In: Brils, J., Brack, W., Müller-Grabherr, D., Négrel, P., Vermaat, J.E. (eds.)
Risk-informed management of European river basins
Handbook of Environmental Chemistry Series 29
Springer, Berlin, Heidelberg, p. 1 - 20
796. Brils, J., Harris, B., Barceló, D., Blum, W., **Brack, W.**, Müller-Grabherr, D., Négrel, P.,
Ragnarsdottir, V., Salomons, W., Slob, A., Track, T., Vegter, J., Vermaat, J.E. (2014):
Synthesis and recommendations towards risk-informed river basin management
In: Brils, J., Brack, W., Müller-Grabherr, D., Négrel, P., Vermaat, J.E. (eds.)
Risk-informed management of European river basins
Handbook of Environmental Chemistry Series 29
Springer, Berlin, Heidelberg, p. 367 - 390

797. Caylor, K.K., Okin, G.S., Turnbull, L., Wainwright, J., **Wiegand, T.**, Franz, T.E., Parsons, A.J. (2014):
Integrating short- and long-range processes into models: the emergence of pattern
In: Mueller, E.N., Wainwright, J., Parsons, A.J., Turnbull, L. (eds.)
Patterns of land degradation in drylands: understanding self-organised ecogeomorphic systems
Springer, Utrecht, p. 141 - 167
798. **Das, S., Tafarte, P., Thrän, D.** (2014):
Geospatial analysis for heat utilisation centers from bioenergy plants in Germany
In: Hoffmann, C., Baxter, D., Maniatis, K., Grassi, A., Helm, P. (eds.)
Online Proceedings of the 22nd European Biomass Conference and Exhibition EU BC&E 2014, 24./25.06.2014 CCH - Congress Center Hamburg
EU BC&E Proceedings 2014
ETA-Florence Renewable Energies, Florence, p. 21 - 25
799. Dieckmann, M., **Reese, M.** (2014):
Kreislaufwirtschafts- und Abfallrecht
In: Koch, H.J. (Hrsg.)
Umweltrecht
C.H. Beck, Vahlen, S. 359 - 416
800. **Everaars, J.**, Dormann, C.F. (2014):
Simulation of solitary (non-*Apis*) bees competing for pollen
In: Devillers, J. (ed.)
In silico bees
CRC Press, Boca Raton, FL, p. 209 - 268
801. **Franck, U.**, Klimeczek, H.-J., **Kindler, A.** (2014):
Airborne exposure related health effects in urban environments are socio-spatially distributed
In: Oliveira, S., Nunes, R., Carvailhais, S., Freitas, R. (eds.)
Proceedings book 3rd International Congress on Environmental Health 2014 (ICEH 2014), Porto, Portugal, 24th to 26th September 2014. Emerging risks and challenges on environment, health and safety
Allied Health Sciences School of Polytechnic Institute, Porto, p. 106 - 107
802. **Franck, U.**, Leitte, A., Suppan, P. (2014):
Cardiovascular hospital admissions due to multiple airborne exposures under the conditions of Santiago de Chile
In: Mitto, T., Fallmann, J., Mikolajczyk, U., Suppan, P., Singh, V., Sokhi, R.S. (eds.)
Proceedings 9th International Conference on Air Quality - Science and Application, Garmisch-Partenkirchen, 24-28 March 2014
University of Hertfordshire, Hatfield, p. 54

803. **Gawel, E.** (2014):
Virtual water and trade: a critical economic review
In: Bhaduri, A., Bogardi, J.J., Leentvaar, J., Marx, S. (eds.)
The global water system in the Anthropocene. Challenges for science and governance
Springer, New York, p. 27 - 43
804. **Gawel, E., Bretschneider, W.** (2014):
The affordability of water and energy pricing: the case of Germany
In: Fitzpatrick, T. (ed.)
International handbook on social policy and the environment
Edward Elgar, Cheltenham, p. 123 - 151
805. **Gawel, E.** (2014):
Institutionen ökologischer Nachhaltigkeit in Zeiten der Krisen
In: Held, M., Kubon-Gilke, G., Sturm, R. (Hrsg.)
Unsere Institutionen in Zeiten der Krisen
Jahrbuch Normative und institutionelle Grundfragen der Ökonomik 13
Metropolis, Marburg, S. 67 - 95
806. **Gawel, E.** (2014):
Umweltschutz als Abgabenprivileg
In: Kloepfer, M. (Hrsg.)
Umweltschutz als Rechtsprivileg
Schriften zum Umweltrecht 180
Duncker & Humblot, Berlin, S. 35 - 74
807. **Gawel, E.** (2014):
Die Zukunft von Abwasserabgabe und Wasserentnahmementgelten
In: Pinnekamp, J. (Hrsg.)
47. Essener Tagung zur Wasser- und Abfallwirtschaft "Ist unsere Wasserwirtschaft zukunftsfähig?" vom 19. bis 21. März 2014 in der Messe Essen Ost
Gewässerschutz - Wasser - Abwasser 234
Gesellschaft zur Förderung der Siedlungswasserwirtschaft an der RWTH Aachen,
Aachen, S. 3/1-3/15
808. Gniese, C., **Bombach, P.**, Rakoczy, J., Hoth, N., Schrömann, M., **Richnow, H.-H.**, Krüger, M. (2014):
Relevance of deep-subsurface microbiology for underground gas storage and geothermal energy production
In: Schippers, A., Glombitza, F., Sand, W. (eds.)
Geobiotechnology II : Energy Resources, Subsurface Technologies, Organic Pollutants and Mining Legal Principles
Adv. Biochem. Eng. Biotechnol. 142
Springer, Berlin, Heidelberg, New York, p. 95 - 121

809. **Grimm, V.**, Becher, M.A., Kennedy, P., Thorbek, P., Osborne, J. (2014): Ecological modeling for pesticide risk assessment for honey bees and other pollinators
In: Fischer, D., Moriarty, T. (eds.)
Pesticide risk assessment for pollinators
Wiley-Blackwell, Chichester, p. 149 - 162
810. **Großmann, K.**, **Haase, A.**, **Arndt, T.**, Cortese, C., **Rink, D.**, Rumpel, P., Slach, O., Ticha, I., Violante, A. (2014): Sozialräumliche Segregationsmuster in schrumpfenden Städten
In: Berger, P.A., Keller, C., Klärner, A., Neef, R. (Hrsg.)
Urbane Ungleichheiten. Neue Entwicklungen zwischen Zentrum und Peripherie
Sozialstrukturanalyse
VS Verlag für Sozialwissenschaften, Wiesbaden, S. 89 - 115
811. **Gross, M.** (2014): The social-ecological co-constitution of nature through ecological restoration: experimentally coping with inevitable ignorance and surprise
In: Lockie, S., Sonnenfeld, D., Fisher, D. (eds.)
Routledge international handbook of social and environmental change
Routledge, London, p. 269 - 279
812. Gunton, R.M., **Klenke, R.**, Paloniemi, R., Gavish, Y., Marsh, C.J., Kunin, W.E., **Henle, K.** (2014): The meaning of “scale”
In: Henle, K., Potts, S.G., Kunin, W.E., Matsinos, Y.G., Similä, J., Pantis, J.D., Grobelnik, V., Penev, L., Settele, J. (eds.)
Scaling in ecology and biodiversity conservation
Pensoft, Sofia, p. 19 - 22
813. **Hagemann, N.**, Leidel, M. (2014): Introducing river basin management in a transitional context: a case study about Ukraine
In: Huitema, D., Meijerink, S. (eds.)
The Politics of River Basin Organisations : Coalitions, Institutional Design Choices and Consequences
Edward Elgar, Cheltenham, p. 210 - 233
814. **Hahn-Tomer, S.**, **Siegfried, K.**, **Chatzinotas, A.**, **Kuppardt, A.**, **Harms, H.** (2014): ARSOlux—arsenic biosensor based on bioreporter bacteria
In: Litter, M.I., Nicolli, H.B., Meichtry, M., Quici, N., Bundschuh, J., Bhattacharya, P., Naidu, R. (eds.)
One Century of the Discovery of Arsenicosis in Latin America (1914-2014) As2014. Proceedings of the 5th International Congress on Arsenic in the Environment, May 11-16, 2014, Buenos Aires, Argentina
CRC Press, Boca Raton, FL, p. 207 - 208

815. **Hansjürgens, B., Brenck, M.** (2014):
Historische Gärten wertvoll und kostbar – wie eine ökonomische Sicht helfen kann
In: Krellig, H., Rohde, M. (Hrsg.)
Historische Gärten im Klimawandel : Empfehlungen zur Bewahrung ; zur Internationalen Fachtagung "Historische Gärten im Klimawandel" vom 4. bis 6. September 2014 in Potsdam-Sanssouci und dem Nikolaisaal Potsdam
Edition Leipzig, Leipzig, S. 26 - 29
816. **Hansjürgens, B.**, Heinrichs, D. (2014):
Megacities and climate change: early adapters, mainstream adapters, and capacities
In: Kraas, F., Aggarwal, S., Coy, M., Mertins, G. (eds.)
Megacities – Our Global Urban Future
Springer, Berlin, Heidelberg, New York, p. 9 - 24
817. **Heink, U., Jax, K.** (2014):
Framing biodiversity : the case of 'invasive alien species'
In: Lanzerath, D., Friele, M.B. (eds.)
Concepts and values in biodiversity
Routledge, London, p. 73 - 98
818. **Henle, K., Grobelnik, V., Grimm, A., Penev, L., Klenke, R., Framstad, E.** (2014):
SCALETOOL: an online dissemination and decision support tool for scaling issues in nature conservation
In: Henle, K., Potts, S.G., Kunin, W.E., Matsinos, Y.G., Similä, J., Pantis, J.D., Grobelnik, V., Penev, L., Settele, J. (eds.)
Scaling in ecology and biodiversity conservation
Pensoft, Sofia, p. 186 - 189
819. **Henle, K., Grobelnik, V., Potts, S.G., Scott, A.V., Kunin, W.E., Gunton, R.M., Matsinos, Y.G., Similä, J., Pantis, J.D., Klenke, R., Settele, J., Penev, L.** (2014):
Scaling in ecology and biodiversity conservation: an introduction
In: Henle, K., Potts, S.G., Kunin, W.E., Matsinos, Y.G., Similä, J., Pantis, J.D., Grobelnik, V., Penev, L., Settele, J. (eds.)
Scaling in ecology and biodiversity conservation
Pensoft, Sofia, p. 13 - 18
820. **Henle, K., Potts, S.G., Scott, A.V., Kunin, W.E., Gunton, R.M., Schmeller, D.S., Matsinos, Y.G., Similä, J., Pantis, J.D., Mazaris, A.D., Grobelnik, V., Grimm, A., Penev, L., Klenke, R., Settele, J.** (2014):
Lessons learned
In: Henle, K., Potts, S.G., Kunin, W.E., Matsinos, Y.G., Similä, J., Pantis, J.D., Grobelnik, V., Penev, L., Settele, J. (eds.)
Scaling in ecology and biodiversity conservation
Pensoft, Sofia, p. 193 - 200

821. **Henle, K.** (2014):
Anomalies in natural populations of amphibians: overview, patterns and causes, methodological recommendation
In: Vershinin, V.L., Djubuya, A., Henle, K., Puky, M. (eds.)
Anomalii i Patologii Amfibii i Reptilii / Аномалии и патологии амфибий и рептилий : методология, эволюционное значение, возможность оценки здоровья среды
Uralskii Federalnii Universitet, Ekaterinburg, p. 183 - 190
822. **Heuson, C., Gawel, E., Lehmann, P.** (2014):
State of the art on the economics of adaptation
In: Markandya, A., Galarraga, I., Sainz de Murieta, E. (eds.)
Routledge handbook of the economics of climate change adaptation
Routledge, London, p. 27 - 55
823. Hinze, T., **Grützmann, K.**, Höckner, B., Sauer, P., Hayat, S. (2014):
Categorised counting mediated by blotting membrane systems for particle-based data mining and numerical algorithms
Membrane Computing. 15th International Conference, CMC 2014, Prague, Czech Republic, August 20-22, 2014, Revised Selected Papers
Lect. Notes Comput. Sci.
Springer, Berlin, Heidelberg, New York, p. 241 - 257
824. **Höfer, R.**, Bakker, F., Günther, N., **Firmbach, L.**, Roig, H., Lorz, C., **Weiss, H.** (2014):
Urban structure types and their impact on water resources: a case study in the Distrito Federal of Brazil
In: Lorz, C. (ed.)
Integrated Water Resource Management in Brazil
IWA Publishing, London, p. 61 - 71
825. Hoffmann, M., **Rink, D.** (2014):
Vom Arbeiterstaat zur de-klassierten Gesellschaft? Ostdeutsche Arbeitermilieus zwischen Auflösung und Aufmüpfigkeit
In: Bremer, H., Lange-Vester, A. (Hrsg.)
Soziale Milieus und Wandel der Sozialstruktur : die gesellschaftlichen Herausforderungen und die Strategien der sozialen Gruppen. 2., aktualisierte Aufl. Sozialstrukturanalyse
VS Verlag für Sozialwissenschaften, Wiesbaden, S. 226 - 288
826. Jeltsch, F., Turnbull, L., Scarsoglio, S., Alados, C.L., Gallart, F., Mueller, E.N., Barbier, N., Millington, J.D.A., Wainwright, J., Wieczorek, M., **Grimm, V.** (2014):
Resilience, self-organization, complexity and pattern formation
In: Mueller, E.N., Wainwright, J., Parsons, A.J., Turnbull, L. (eds.)
Patterns of land degradation in drylands: understanding self-organised ecogeomorphic systems
Springer, Utrecht, p. 55 - 84

827. John, R., **Jean-Baptiste, N., Kabisch, S.** (2014):
Vulnerability assessment of urban populations in Africa : the case of Dar es Salaam, Tanzania
In: Edgerton, E., Romice, O., Thwaites, K. (eds.)
Bridging the boundaries : human experience in the natural and built environment and implications for research, policy, and practice
Advances in People-Environment Studies 5
Hogrefe, Cambridge, MA, p. 233 - 244
828. Jordan, R., **Krellenberg, K.**, Rehner, J. (2014):
Going beyond Santiago: a regional learning network for climate change adaptation in Latin American megacities
In: Krellenberg, K., Hansjürgens, B. (eds.)
Climate Adaptation Santiago
Springer, Berlin, Heidelberg, p. 189 - 205
829. **Kabisch, N.**, Larondelle, N., Artmann, M. (2014):
Urban ecosystem services in Berlin, Germany and Salzburg, Austria: climate regulation and recreation function
In: **Kabisch, N.**, Larondelle, N., Reeve, A., Artmann, M. (eds.)
Human-environmental interactions in cities: challenges and opportunities of urban land use planning and green infrastructure
Cambridge Scholars Publishing, Cambridge, p. 66 - 81
830. **Kabisch, N.**, Larondelle, N., Reeve, A., Artmann, M. (2014):
Introduction
In: **Kabisch, N.**, Reeve, A., Artmann, M., Larondelle, N. (eds.)
Human-environmental interactions in cities: challenges and opportunities of urban land use planning and green infrastructure
Cambridge Scholars Publishing, Cambridge, p. 1 - 9
831. **Kabisch, S.** (2014):
Die Anpassungsfähigkeit von ostdeutschen Großwohnsiedlungen aus Bewohnerperspektive - das Fallbeispiel Leipzig-Grünau
In: Altrock, U., Huning, S., Kuder, T., Nuissl, H. (Hrsg.)
Die Anpassungsfähigkeit von Städten : zwischen Resilienz, Krisenreaktion und Zukunftsorientierung
Reihe Planungsrundschau 22
Verlag Uwe Altrock, Berlin, S. 177 - 197

832. **Klenke, R.**, Mertzanis, Y., **Papanikolaou, A.**, Arponen, A., Mazaris, A.D. (2014): Stay in contact: practical assessment, maintenance, and re-establishment of regional connectivity
In: Henle, K., Potts, S.G., Kunin, W.E., Matsinos, Y.G., Similä, J., Pantis, J.D., Grobelnik, V., Penev, L., Settele, J. (eds.)
Scaling in ecology and biodiversity conservation
Pensoft, Sofia, p. 167 - 172
833. **Köck, W.** (2014):
Gerd Winter - Umweltrechtler, Rechtssoziologe, Rechtstheoretiker
In: Dilling, O., Markus, T. (Hrsg.)
Ex Rerum Natura Ius? - Sachzwang und Problemwahrnehmung im Umweltrecht : Tagungsband anlässlich des 70. Geburtstags von Prof. Dr. Dr. h.c. Gerd Winter
Nomos, Baden-Baden, S. 15 - 21
834. **Köck, W.** (2014):
Immissionsschutzrechtliche Aspekte der Energiewende : der Ausbau der Übertragungsleitungen für Strom und der Schutz vor elektrischen und magnetischen Feldern
In: Faßbender, K., Köck, W. (Hrsg.)
Versorgungssicherheit in der Energiewende - Anforderungen des Energie-, Umwelt- und Planungsrechts : Dokumentation des 18. Leipziger Umweltrechtlichen Symposions des Instituts für Umwelt- und Planungsrecht der Universität Leipzig und des Helmholtz-Zentrums für Umweltforschung - UFZ am 18. und 19. April 2013
Leipziger Schriften zum Umwelt- und Planungsrecht 25
Nomos, Baden-Baden, S. 113 - 129
835. **Köck, W.** (2014):
Development of electricity transmission lines in Germany and protection of residential areas against the risks of electric and magnetic fields – revision of the German Regulation on electro-magnetic fields
In: Squintani, L., Vedder, H., Reese, M., Vanheusden, B (eds.)
Sustainable energy united in diversity – challenges and approaches in energy transition in the EU
European Environmental Law Forum Book Series Vol. 1
EELF, Helmholtz Centre for Environmental Research, Leipzig, p. 203 - 218
836. Kosztyi, B., **Henle, K.**, Lengyel, S. (2014):
Biodiversity monitoring and policy instruments: trends,gaps and new developments
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Scaling in ecology and biodiversity conservation
Pensoft, Sofia, p. 137 - 141

837. **Krellenberg, K., Barth, K., Garcia Soler, N.** (2014):
From planning to implementation: capacities and competences
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Climate Adaptation Santiago
Springer, Berlin, Heidelberg, p. 175 - 187
838. **Krellenberg, K., Barth, K., Hansjürgens, B.** (2014):
Developing a regional climate change adaptation plan: learning from Santiago de Chile
In: Krellenberg, K., Hansjürgens, B. (eds.)
Climate Adaptation Santiago
Springer, Berlin, Heidelberg, p. 207 - 216
839. **Krellenberg, K., Hansjürgens, B.** (2014):
Introduction
In: Krellenberg, K., Hansjürgens, B. (eds.)
Climate Adaptation Santiago
Springer, Berlin, Heidelberg, p. 3 - 15
840. **Krellenberg, K., Hansjürgens, B.** (2014):
Acknowledgements
In: Krellenberg, K., Hansjürgens, B. (eds.)
Climate Adaptation Santiago
Springer, Berlin, Heidelberg, p. IX - X
841. **Krellenberg, K.** (2014):
Synthesis: climate change impacts from a cross-sectoral perspective: consequences for political response
In: Krellenberg, K., Hansjürgens, B. (eds.)
Climate Adaptation Santiago
Springer, Berlin, Heidelberg, p. 149 - 154
842. Lengyel, S., Kosztyi, B., Ölvedi, T.B., Gunton, R.M., Kunin, W.E., **Schmeller, D.S.**, **Henle, K.** (2014):
Conservation strategies across spatial scales
In: Henle, K., Potts, S.G., Kunin, W.E., Matsinos, Y.G., Similä, J., Pantis, J.D., Grobelnik, V., Penev, L., Settele, J. (eds.)
Scaling in ecology and biodiversity conservation
Pensoft, Sofia, p. 133 - 136
843. Lessmann, O., **Rauschmayer, F.** (2014):
Re-conceptualizing sustainable development on the basis of the capability approach: a model and its difficulties
In: Lessmann, O., **Rauschmayer, F.** (eds.)
The capability approach and sustainability
Routledge, London, p. 94 - 113

844. Lin, Y.-P., Lin, W.-C., Wang, Y.-C., Lien, W.-Y., Ding, T.-S., Lee, P.-F., Wu, T.-Y., **Klenke, R.**, Schmeller, D.S., Henle, K. (2014):
An optimal spatial sampling approach for modelling the distribution of species
In: Henle, K., Potts, S.G., Kunin, W.E., Matsinos, Y.G., Similä, J., Pantis, J.D., Grobelnik, V., Penev, L., Settele, J. (eds.)
Scaling in ecology and biodiversity conservation
Pensoft, Sofia, p. 152 - 155
845. Link, F., Harris, J., Irarrazaval, F., Valenzuela, F., **Welz, J.**, Barth, K. (2014):
Coping with natural disasters and urban risk: an approach to urban sustainability from socio-environmental fragmentation and urban vulnerability assessment
In: Holt, W.D. (ed.)
From Sustainable to Resilient Cities: Global Concerns and Urban Efforts
Research in Urban Sociology 14
Emerald, Bingley, p. 35 - 58
846. Lorz, C., Franz, C., Koschke, L., Makeschin, F., **Strauch, M.** (2014):
Land use management as part of Integrated Water Resource Management
In: Lorz, C. (ed.)
Integrated Water Resource Management in Brazil
IWA Publishing, London, p. 49 - 60
847. Lorz, C., Frimmel, F., Günthert, W., Koide, S., Makeschin, F., Neder, K., Uhl, W., Walde, D., **Weiss, H.**, Worch, E. (2014):
Lessons learned – conclusions
In: Lorz, C. (ed.)
Integrated Water Resource Management in Brazil
IWA Publishing, London, p. 131 - 134
848. Lorz, C., Frimmel, F., Günthert, W., Koide, S., Makeschin, F., Neder, K., Uhl, W., Walde, D., **Weiss, H.**, Worch, E. (2014):
Introduction
In: Lorz, C. (ed.)
Integrated Water Resource Management in Brazil
IWA Publishing, London, p. 1 - 7
849. **Mackenzie, K.**, **Bleyl, S.**, **Kopinke, F.-D.**, Doose, H., Bruns, J. (2014):
Tailoring of carbo-iron as alternative to nanoiron: from laboratory design to the first field test - the concept and its implementation
In: Rectanus, H.V., Rosansky, S.H. (eds.)
Remediation of Chlorinated and Recalcitrant Compounds. Ninth International Conference on Remediation of Chlorinated and Recalcitrant Compounds (May 19-22, 2014, Monterey, California)

850. **Maggig, B.-O.** (2014):
Pushing the boundaries: rethinking international law in light of the common concern for water security
In: Sancin, V., Kovič Dine, M. (eds.)
International environmental law: contemporary concerns and challenges in 2014
IUS Software, GV Založba, Ljubljana, p. 441 - 452
851. **Mariana Morais, F., Buchholz, F., Maskow, T.** (2014):
Chip calorimetry for evaluation of biofilm treatment with biocides, antibiotics, and biological agents
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Microbial biofilms: methods and protocols
Methods in Molecular Biology 1147
Humana Press, Totowa, NJ, p. 267 - 275
852. **Meissner, R., Rupp, H., Seyfarth, M.** (2014):
Advanced technologies in lysimetry
Novel measurement and assessment tools for monitoring and management of land and water resources in agricultural landscapes of Central Asia
Environmental Science and Engineering / Environmental Science
Springer, Berlin, Heidelberg, p. 159 - 173
853. **Meyer, V., Schwarze, R., Becker, N., Markantonis, V., van den Bergh, J.C.J.M., Bouwer, L.M., Bubeck, P., Ciavola, P., Daniel, V., Genovese, E., Green, C., Hallegatte, S., Kreibich, H., Lequeux, Q., Logar, I., Papyrakis, E., Pfurtscheller, C., Poussin, J., Przyluski, J., Thielen, A.H., Viavattene, C.** (2014):
Assessing the costs of natural hazards – state of the art and the way forward
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Hydrometeorological hazards – Interfacing sciences and policies
Wiley-Blackwell, Hoboken, NJ, p. 255 - 290
854. **Müller, A., Höfer, R.** (2014):
The impacts of climate and land-use change on flood and heat hazards
In: Krellenberg, K., Hansjürgens, B. (eds.)
Climate Adaptation Santiago
Springer, Berlin, Heidelberg, p. 107 - 126

855. Müller-Langer, F., Majer, S., Naumann, K., **Thrän, D.** (2014):
Stand und Perspektiven für Biokraftstoffe – Überblick und Forschungsschwerpunkte des DBFZ
In: Krahl, J., Munack, A., Bünger, J., Eilts, P. (Hrsg.)
Kraftstoffe für die Mobilität von morgen : 1. Tagung der Fuels Joint Research Group am 24. und 25. September 2014 in Braunschweig
Fuels Joint Research Group - Interdisziplinäre Kraftstoffforschung für die Mobilität der Zukunft 10
Cuvillier, Göttingen, S. 29 - 34
856. Nelles, M., Glowacki, R., Scholwin, F., **Thrän, D.** (2014):
Bioenergie - überflüssig oder integraler Bestandteil des Energie- und Bioökonomiesystems der Zukunft?
In: Nelles, M. (Hrsg.)
Tagungsband zum 8. Rostocker Bioenergieforum, Universität Rostock, 19./20. Juni 2014
Schriftenreihe Umweltingenieurwesen 45
Universität Rostock, Agrar- und Umweltwissenschaftliche Fakultät, Rostock, S. 45 - 62
857. **Neu, T.R.**, Lawrence, J.R. (2014):
Advanced techniques for in situ analysis of the biofilm matrix (structure, composition, dynamics) by means of laser scanning microscopy
In: Donelli, G. (ed.)
Microbial biofilms: methods and protocols
Methods in Molecular Biology 1147
Humana Press, Totowa, NJ, p. 43 - 64
858. **Neu, T.R.**, Lawrence, J.R. (2014):
Investigation of microbial biofilm structure by laser scanning microscopy
In: Muffler, K., Ulber, R. (eds.)
Productive Biofilms
Adv. Biochem. Eng. Biotechnol. 146
Springer, Berlin, Heidelberg, New York, p. 1 - 51
859. Nuissl, H., **Rink, D.** (2014):
Anpassungsstrategien einer kleinen Stadt am "Anschlussgleis" der Modernisierung - das Beispiel Eschwege
In: Altrock, U., Huning, S., Kuder, T., Nuissl, H. (Hrsg.)
Die Anpassungsfähigkeit von Städten : zwischen Resilienz, Krisenreaktion und Zukunftsorientierung
Reihe Planungsrundschau 22
Verlag Uwe Altrock, Berlin, S. 27 - 38

860. **Paasche, H.**, Rumpf, M., Lontsi, A.M., **Hausmann, J.**, Hannemann, K., Fechner, T., Ohrnberger, M., **Werban, U.**, Tronicke, J., Krüger, F., **Dietrich, P.** (2014): MuSaWa: Multi-Scale S-wave tomography for exploration and risk assessment of development sites
In: Weber, M., Münch, U. (eds.)
Tomography of the Earth's Crust: From Geophysical Sounding to Real-Time Monitoring. GEOTECHNOLOGIEN Science Report No. 21
Advanced Technologies in Earth Sciences
Springer, Berlin, Heidelberg, p. 95 - 114
861. Palmas, C., **Albert, C.** (2014):
Räumliche Energiepotenziale und Szenarioanalyse als Entscheidungsunterstützung für die Regionalplanung - Struktur eines Forschungsvorhabens in der Region Hannover
In: Fürst, D., Bache, A., Trautmann, L. (Hrsg.)
Postfossile Gesellschaft
Stadt und Region als Handlungsfeld 13
Lang, Frankfurt/M., S. 55 - 70
862. **Papanikolaou, A.**, Kallimanis, A.S., **Henle, K.**, Lehsten, V., **Pe'er, G.**, Pantis, J.D., Mazaris, A.D. (2014):
Climate and land-use change affecting ecological network efficiency: the case of the European grasslands
In: Henle, K., Potts, S.G., Kunin, W.E., Matsinos, Y.G., Similä, J., Pantis, J.D., Grobelnik, V., Penev, L., Settele, J. (eds.)
Scaling in ecology and biodiversity conservation
Pensoft, Sofia, p. 156 - 160
863. **Pe'er, G.**, Radchuk, V., Thompson, K., Tsianou, M.A., **Franz, K.W.**, Matsinos, Y.G., **Henle, K.** (2014):
Population viability: on the move from small to large scales and from single to multiple species
In: Henle, K., Potts, S.G., Kunin, W.E., Matsinos, Y.G., Similä, J., Pantis, J.D., Grobelnik, V., Penev, L., Settele, J. (eds.)
Scaling in ecology and biodiversity conservation
Pensoft, Sofia, p. 61 - 65
864. **Pe'er, G.**, Schmitz, A., Matsinos, Y.G., **Schober, L.**, **Klenke, R.**, **Henle, K.** (2014):
Connectivity: beyond corridors
In: Henle, K., Potts, S.G., Kunin, W.E., Matsinos, Y.G., Similä, J., Pantis, J.D., Grobelnik, V., Penev, L., Settele, J. (eds.)
Scaling in ecology and biodiversity conservation
Pensoft, Sofia, p. 108 - 114

865. Pelkmans, L., Goovaerts, L., Goh, C.S., Junginger, M., van Dam, J., Stupak, I., Smith, C.T., Chum, H., Englund, O., Berndes, G., Cowie, A., Thiffault, E., Fritsche, U., **Thrän, D.** (2014):
The role of sustainability requirements in international bioenergy markets
In: Junginger, M., Goh, C.S., Faaij, A. (eds.)
International Bioenergy Trade : History, status & outlook on securing sustainable bioenergy supply, demand and markets
Lecture Notes in Energy 17
Springer, Dordrecht, p. 125 - 149
866. **Pöhlein, F., Schultze, M.**, Donner, J., Dietze, M., Wilhain, S. (2014):
Reaktionen eines zweistufigen Talsperrensystems auf Veränderungen des Stoffeintrags am Beispiel des Bodeswerks
In: Cyffka, B. (Hrsg.)
Wasser - Landschaft - Mensch in Vergangenheit, Gegenwart und Zukunft : Beiträge zum Tag der Hydrologie am 20./21. März 2014 an der Katholischen Universität Eichstätt-Ingolstadt
Forum für Hydrologie und Wasserbewirtschaftung 34
Deutsche Vereinigung für Wasserwirtschaft, Abwasser und Abfall (DWA), Hennef, S. 137 - 144
867. Primmer, E., Paloniemi, R., Mathevet, R., Apostolopoulou, E., Tzanopoulos, J., **Ring, I.**, Kettunen, M., Similä, J., Cent, J., Grodzińska-Jurczak, M., Koellner, T., Antunes, P., Pantis, J.D., Potts, S.G., Santos, R. (2014):
An approach to analysing scale-sensitivity and scale-effectiveness of governance in biodiversity conservation
In: Padt, F.J., Opdam, P.F., Polman, N.B., Termeer, K. (eds.)
Scale-sensitive governance of the environment
Wiley-Blackwell, Chichester, p. 241 - 262
868. **Purkus, A., Röder, M., Gawel, E., Thrän, D.**, Thornley, P. (2014):
Handling uncertainty in bioenergy policy design – a case study analysis of UK and German bioelectricity policy instruments
In: Hoffmann, C., Baxter, D., Maniatis, K., Grassi, A., Helm, P. (eds.)
Online Proceedings of the 22nd European Biomass Conference and Exhibition EU BC&E 2014, 24./25.06.2014 CCH - Congress Center Hamburg
EU BC&E Proceedings 2014
ETA-Florence Renewable Energies, Florence, p. 1441 - 1444
869. **Rauschmayer, F.**, Lessmann, O. (2014):
Introduction: The capability approach and sustainability
In: Lessmann, O., **Rauschmayer, F.** (eds.)
The capability approach and sustainability
Routledge, London, p. 1 - 4

870. **Reese, M.** (2014):
Zur Deutung und Dogmatik des europäischen Subsidiaritätsprinzips
In: Ewer, W., Ramsauer, U., Reese, M., Rubel, R. (Hrsg.)
Methodik - Ordnung - Umwelt : Festschrift für Hans-Joachim Koch aus Anlass seines siebzigsten Geburtstags
Schriften zum Öffentlichen Recht 1279
Duncker & Humblot, Berlin, S. 181 - 210
871. **Reese, M.** (2014):
Kommentierung zu §§ 3, 6, 7, 8 Kreislaufwirtschaftsgesetz
In: Jarass, H.D., Petersen, F., Attendorn, T. (Hrsg.)
Kreislaufwirtschaftsgesetz : Kommentar
Beck, München,
872. **Ring, I.** (2014):
Mit (mehr) Ökonomie zum Schutz der Ökologie?
In: Leitschuh, H., Simonis, U.E., Michelsen, G., Sommer, J., von Weizsäcker, E.U. (Hrsg.)
Re-Naturierung. Gesellschaft im Einklang mit der Natur
Jahrbuch Ökologie 2015
Hirzel, Stuttgart, S. 131 - 138
873. **Rink, D., Bernt, M., Großmann, K., Haase, A.** (2014):
Governance des Stadtumbaus in Ostdeutschland - Großwohnsiedlung und Altaugebiet im Vergleich
In: Roost, F., Schmidt-Lauber, B., Hannemann, C., Othengrafen, F., Pohlan, J. (Hrsg.)
Jahrbuch StadtRegion 2013/2014. Schwerpunkt: Urbane Peripherie
Budrich, Opladen / Berlin / Toronto, S. 132 - 147
874. **Rink, D.** (2014):
Dauerkrise des Wohnungsmarktes? Leerstand in Dessau
In: Prigge, W., Lamm, F. (Hrsg.)
Dessau - Stadt ohne Zentrum?
Spector Books, Leipzig, S. 152 - 155
875. Santos, R., **Ring, I.**, Antunes, P., Clemente, P., Ribas, T. (2014):
Ecological fiscal transfers: a policy response to local conservation challenges
In: Henle, K., Potts, S.G., Kunin, W.E., Matsinos, Y.G., Similä, J., Pantis, J.D., Grobelnik, V., Penev, L., Settele, J. (eds.)
Scaling in ecology and biodiversity conservation
Pensoft, Sofia, p. 124 - 127

876. **Schlosser, D.**, Krauss, G.-J. (2014):
Sensing of pollutant effects and bioremediation
In: Krauss, G.-J., Nies, D.H. (eds.)
Ecological biochemistry : environmental and interspecies interactions
Wiley-VCH, Weinheim, p. 333 - 340
877. **Schmeller, D.S.**, Lin, Y.-P., Ding, T.-S., **Klenke, R.**, Evans, D., **Henle, K.** (2014):
Determining responsibilities to prioritize conservation actions across scales
In: Henle, K., Potts, S.G., Kunin, W.E., Matsinos, Y.G., Similä, J., Pantis, J.D.,
Grobelnik, V., Penev, L., Settele, J. (eds.)
Scaling in ecology and biodiversity conservation
Pensoft, Sofia, p. 97 - 99
878. Schröder, U., **Dos Santos, T.R.**, Nilges, P., **Harnisch, F.** (2014):
„Electrofuels“ – Elektrochemie als Werkzeug für nachhaltige Kraftstoffsynthesen
In: Krahl, J., Munack, A., Bünger, J., Eilts, P. (Hrsg.)
Kraftstoffe für die Mobilität von morgen : 1. Tagung der Fuels Joint Research Group am 24. und 25. September 2014 in Braunschweig
Fuels Joint Research Group - Interdisziplinäre Kraftstoffforschung für die Mobilität der Zukunft 10
Cuvillier, Göttingen, S. 25 - 26
879. **Siebert, C.**, **Mallast, U.**, **Rödiger, T.**, Strey, M., Ionescu, D., Häusler, S., Noriega, B.,
Pohl, T., Merkel, B. (2014):
Submarine groundwater discharge at the Dead Sea
In: Wiederhold, H., Michaelsen, J., Hinsby, K., Nommensen, B. (eds.)
SWIM 2014 : 23rd Salt Water Intrusion Meeting; Programme and Proceedings
Leibniz-Institut für Angewandte Geophysik, Hannover, p. 366 - 370
880. **Siegfried, K.**, **Hahn-Tomer, S.**, **Osterwalder, E.**, Pal, S., Mazumdar, A., Chakrabarti, R.
(2014):
Demonstration of the genetically modified ARSOlux biosensor in Jyot Sujan, West Bengal, India
In: Litter, M.I., Nicolli, H.B., Meichtry, M., Quici, N., Bundschuh, J., Bhattacharya, P.,
Naidu, R. (eds.)
One Century of the Discovery of Arsenicosis in Latin America (1914-2014) As2014. Proceedings of the 5th International Congress on Arsenic in the Environment, May 11-16, 2014, Buenos Aires, Argentina
CRC Press, Boca Raton, FL, p. 867 - 869
881. Solé, M., **Schlosser, D.** (2014):
Xenobiotics form human impacts
In: Krauss, G.-J., Nies, D.H. (eds.)
Ecological biochemistry : environmental and interspecies interactions
Wiley-VCH, Weinheim, p. 259 - 275

882. **Stollberg, R.**, Campos, J.E.G., Borges, W.R., Gonçalves, T.D., **Gaffron, A.**, Weiss, H. (2014): Protection and exploitation of groundwater resources in Western Central Brazil
In: Lorz, C. (ed.)
Integrated Water Resource Management in Brazil
IWA Publishing, London, p. 23 - 48
883. Sukhdev, P., **Wittmer, H.**, Miller, D. (2014): The economics of ecosystems and biodiversity (TEEB): challenges and responses
In: Helm, D., Hepburn, C. (eds.)
Nature in the balance : the economics of biodiversity
Oxford University Press, Oxford, p. 135 - 150
884. Tekken, V., **Settele, J.** (2014): Instrumente zur nachhaltigen Agrarlandschafts-Optimierung. *Ecological Engineering* als Ansatz zur Konstruktion nachhaltiger Agrarlandschaften in Reisanbaugebieten Südost-Asiens
In: Hartung, G., Kirchhoff, T. (Hrsg.)
Welche Natur brauchen wir? Analyse einer anthropologischen Grundproblematik des 21. Jahrhunderts
Alber, Freiburg, S. 173 - 186
885. **Thrän, D.** (2014): Die Rolle der Bioenergie in einer nachhaltigen Energieversorgung
In: Bruhns, H. (Hrsg.)
Energie - Forschung und Konzepte: Vorträge auf der DPG-Frühjahrstagung in Berlin, 17. bis 19. März 2014, Arbeitskreis Energie in der Deutschen Physikalischen Gesellschaft
Deutsche Physikalische Gesellschaft, Bad Honnef, S. 20 - 32
886. **Thrän, D.**, Hennig, C., Thiffault, E., Heinimö, J., Andrade, O. (2014): Development of bioenergy trade in four different settings - the role of potential and policies
In: Junginger, M., Goh, C.S., Faaij, A. (eds.)
International Bioenergy Trade - History, status & outlook on securing sustainable bioenergy supply, demand and markets
Lecture Notes in Energy 17
Springer, Dordrecht, p. 65 - 101
887. **Thrän, D.**, Krautz, A., Scheftelowitz, M., Lenz, V., Liebetrau, J., Daniel-Gromke, J., Zeymer, M., Nelles, M. (2014): Auswirkungen der gegenwärtig diskutierten Novellierungs-Vorschläge für das EEG-2014
Biogas 2014 : 7. Innovationskongress ; Tagungsband ; 22.-23. Mai 2014 im Zentrum für Umweltkommunikation der Deutschen Bundesstiftung Umwelt (DBU) Osnabrück
ProFair Consult, Hildesheim , S. 11 - 22

888. **Thrän, D.**, Krautz, A., Scheftelowitz, M., Lenz, V., Liebetrau, J., Daniel-Gromke, J., Zeymer, M., Nelles, M. (2014):
DBFZ-Hintergrundpapier: Auswirkungen der gegenwärtig diskutierten Novellierungsvorschläge für das EEG-2014
In: Nelles, M. (Hrsg.)
Tagungsband zum 8. Rostocker Bioenergieforum, Universität Rostock, 19./20. Juni 2014
Schriftenreihe Umweltingenieurwesen 45
Universität Rostock, Agrar- und Umweltwissenschaftliche Fakultät, Rostock, S. 13 - 25
889. **Thrän, D.**, Pfeiffer, D. (2014):
Transparency and harmonization amongst evaluation methods
In: Hoffmann, C., Baxter, D., Maniatis, K., Grassi, A., Helm, P. (eds.)
Online Proceedings of the 22nd European Biomass Conference and Exhibition EU BC&E 2014, 24./25.06.2014 CCH - Congress Center Hamburg
EU BC&E Proceedings 2014
ETA-Florence Renewable Energies, Florence, p. 1362 - 1372
890. Tzanopoulos, J., Mouttet, R., Letourneau, A., Vogiatzakis, I.N., Potts, S.G., **Henle, K.**, Mathevot, R., Marty, P. (2014):
Scaling of drivers of change across administrative levels
In: Henle, K., Potts, S.G., Kunin, W.E., Matsinos, Y.G., Similä, J., Pantis, J.D., Grobelnik, V., Penev, L., Settele, J. (eds.)
Scaling in ecology and biodiversity conservation
Pensoft, Sofia, p. 31 - 36
891. **Vogt, C., Richnow, H.H.** (2014):
Bioremediation via in situ microbial degradation of organic pollutants
In: Schippers, A., Glombitza, F., Sand, W. (eds.)
Geobiotechnology II : Energy Resources, Subsurface Technologies, Organic Pollutants and Mining Legal Principles
Adv. Biochem. Eng. Biotechnol. 142
Springer, Berlin, Heidelberg, New York, p. 123 - 146
892. **von der Ohe, P.C.**, Apitz, S.E., Arbaciauskas, K., **Beketov, M.A.**, **Borchardt, D.**, de Zwart, D., Goedkoop, W., **Hein, M.**, Hellsten, S., Hering, D., **Kefford, B. J.**, Panov, V.E., Schäfer, R.B., Segner, H., van Gils, J., Vegter, J.J., Wetzel, M.A., **Brack, W.** (2014):
Status and causal pathway assessments supporting river basin management
In: Brils, J., Brack, W., Müller-Grabherr, D., Négrel, P., Vermaat, J.E. (eds.)
Risk-informed management of European river basins
Handbook of Environmental Chemistry Series 29
Springer, Berlin, Heidelberg, p. 53 - 149

893. **von der Ohe, P.C.**, de Zwart, D., Semenzin, E., Apitz, S.E., Gottardo, S., Harris, B., Hein, M., Marcomini, A., Posthuma, L., Schäfer, R.B., Segner, H., Brack, W. (2014): Monitoring programmes, multiple stress analysis and decision support for river basin management
In: Brils, J., Brack, W., Müller-Grabherr, D., Négrel, P., Vermaat, J.E. (eds.)
Risk-informed management of European river basins
Handbook of Environmental Chemistry Series 29
Springer, Berlin, Heidelberg, p. 151 - 182
894. Weichmann, T., Wolff, M. (2014):
Skala i przestrzenne zróżnicowanie procesu kurczenia się miast w Europie na przełomie XX i XXI w.
In: Stryjkiewicz, T. (ed.)
Kurczenie się miast w Europie Środkowo-Wschodniej = Urban Shrinkage in East-Central Europe : praca zbiorowa
Bogucki Wydawnictwo Naukowe, Poznań, p. 15 - 28
895. Welz, J., Schwarz, A., Krellenberg, K. (2014):
Understanding hazard exposure for adaptation in a climate change context
In: Krellenberg, K., Hansjürgens, B. (eds.)
Climate Adaptation Santiago
Springer, Berlin, Heidelberg, p. 127 - 147
896. Wick, L.Y., Qin, J. (2014):
Electrobioremediation of organic contaminants
In: Kreysa, G., Ota, K.-I., Savinell, R.F. (eds.)
Encyclopedia of Applied Electrochemistry, Vol. 1: A - E
Springer, New York, p. 392 - 397
897. Witt, J., Bienert, K., Carbo, M., Kiel, J., Wolfesberger-Schwabl, U., Thrän, D. (2014):
Possibilities of torrefied biomass co-gasification and co-firing
DGMK-Tagungsbericht 2014-2 "Konversion von Biomassen".
DGMK-Fachbereichstagung, Rotenburg a.d. Fulda, 12.-14. Mai 2014
898. Wochele, S., Priess, J., Thrän, D., O'Keeffe, S. (2014):
Crop allocation model “CRAM” - an approach for dealing with biomass supply from arable land as part of a life cycle inventory
In: Hoffmann, C., Baxter, D., Maniatis, K., Grassi, A., Helm, P. (eds.)
Online Proceedings of the 22nd European Biomass Conference and Exhibition EU BC&E 2014, 24./25.06.2014 CCH - Congress Center Hamburg
EU BC&E Proceedings 2014
ETA-Florence Renewable Energies, Florence, p. 36 - 40

Berichte

899. **Altenburger, R.**, Arrhenius, A., Backhaus, T., Coors, A., Faust, M., **Zitzkat, D.P.** (2014): Ecotoxicological combined effects from chemical mixtures. Part 1: Relevance and adequate consideration in environmental risk assessment of plant protection products and biocides
Texte Umweltbundesamt 92/2013
Umweltbundesamt, Dessau-Roßlau, 203 pp.
900. Anthonj, C., Beskow, S., Dornelles, F., Fushita, A.T., Galharte, C.A., Galvão, P., Gatti Junior, P., Gücker, B., Hildebrandt, A., **Karthe, D.**, **Knillmann, S.**, Kotsila, P., Krauze, K., Kledson Leal Silva, A., **Lehmann, P.**, Moura, P., Periotto, N.A., Rodrigues Filho, J.L., Lopes dos Santos, D.R., Selge, F., Silva, T., Soares, R.M., Strohbach, M., Suhogusoff, A., Wahnfried, I., Zandonà, E., Zasada, I. (2014): Water in urban regions: building future knowledge to integrate land use, ecosystem services and human health
Deutsche Akademie der Naturforscher Leopoldina e.V., Halle (Saale), 29 pp.
901. Bardos, R., Bone, B., Daly, P., Elliott, D., Jones, S., Lowry, G., Merly, C., **Bartke, S.**, Braun, J., Harries, N., Hartog, N., Hofmann, T., Wagner, S., Nathanail, P. (2014): A risk/ benefit appraisal for the application of nano-scale Zero Valent Iron (nZVI) for the remediation of contaminated sites”, NanoRem project nr. 309517 EU 7th FP, NMP.2012.1.2
European Union, Luxembourg, 75 pp.
902. **Berghöfer, A.**, **Wittmer, H.**, Emerton, L., van Zyl, H., **Rode, J.**, **Förster, J.** (2014): ValuES Methods Navigator. How to choose suitable assessment methods?
903. **Borchardt, D.**, **Richter, S.**, **Völker, J.**, Anschütz, M., Hentschel, A., Roßnagel, A. (2014): Arbeitshilfe zur Prüfung von Ausnahmen von den Bewirtschaftungszielen der EG-Wasserrahmenrichtlinie bei physischen Veränderungen von Wasserkörpern nach § 31 Absatz 2 WHG aus wasserfachlicher und rechtlicher Sicht
Texte Umweltbundesamt 25/2014
Umweltbundesamt, Dessau-Roßlau, 111 S.
904. Coutard, O., Finnveden, G., **Kabisch, S.**, Kitchin, R., Matos, R., Nijkamp, P., Pronello, C., Robinson, D. (2014): Urban megatrends: towards a European research agenda
Joint Programming Initiative Urban Europe, The Hague , 28 pp.
905. **Ebert, P.**, **Rink, D.** (2014): Finanzpolitik der Stadt Leipzig : Ergebnisse der Befragung
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 84 S.

906. **Gawel, E.** (2014):
EEG-Reform : „Wer entlastet wird, ist noch völlig unklar“. 09.04.2014, Interview: Martin Trinkaus
907. **Gawel, E.** (2014):
Der Schienenverkehr in der besonderen Ausgleichsregelung des EEG: Stand und Perspektiven
UFZ-Diskussionspapiere 12/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 38 S.
908. **Gawel, E.** (2014):
Kernbrennstoffsteuer und Verbrauchsteuerbegriff
UFZ-Diskussionspapiere 14/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 25 S.
909. **Gawel, E.** (2014):
Effizienz im Gewässerschutz – auch ökologisch sinnvoll! Ein Kommentar vom 11.03.2014
Springer Fachmedien, Wiesbaden,
910. **Gawel, E.** (2014):
Article 9 Water Framework Directive: What does the term “water services” mean? On the EU Court of Justice conclusions of Advocate General Jääskinen in case C-525/12
UFZ-Diskussionspapiere 20/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 9 pp.
911. **Gawel, E.** (2014):
Das Wasserentnahmeeentgeltgesetz Nordrhein-Westfalen : Bestandsaufnahme und Evaluierung
NRW-LT-Vorlage 16/2068
Landtag Nordrhein-Westfalen, Düsseldorf, S. 19-159 S.
912. **Gawel, E.** (2014):
Neuordnung der Professorenbesoldung in Sachsen
Working Paper 128
University of Leipzig, Faculty of Economics and Management Science, Leipzig, 37 S.
913. **Gawel, E.** (2014):
Article 9 Water Framework Directive: do we really need to calculate environmental and resource costs?
UFZ-Diskussionspapiere 13/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 17 pp.

914. **Gawel, E.** (2014):
Zur Berücksichtigung von Umwelt- und Ressourcenkosten nach Art. 9 der
EG-Wasserrahmenrichtlinie
UFZ-Diskussionspapiere 1/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 51 S.
915. **Gawel, E.**, Aguado, M. (2014):
Neuordnung der W-Besoldung auf dem verfassungsrechtlichen Prüfstand
Working Paper 132
University of Leipzig, Faculty of Economics and Management Science, Leipzig, 46 S.
916. **Gawel, E., Bedtke, N., Reese, M.**, Holländer, R., Geyler, S., Lautenschläger, S.,
Laskowski, S., Schlüssler, A. (2014):
Nachhaltigkeitsinstitutionen zur Governance langlebiger technischer Infrastruktursysteme
am Beispiel der europäischen Wasserver- und Abwasserentsorgung unter den
Bedingungen klimatischen und demographischen Wandels : Gemeinsamer
Abschlussbericht des BMBF-Verbundprojekts ; Förderschwerpunkt:
Wirtschaftswissenschaften für Nachhaltigkeit II
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 38 S.
917. **Gawel, E., Köck, W., Kern, K., Schindler, H.**, Holländer, R., Anlauf, K., Rüger, J.,
Töpfer, C. (2014):
Reform der Abwasserabgabe: Optionen, Szenarien und Auswirkungen einer
fortzuentwickelnden Regelung
Texte Umweltbundesamt 55/2014
Umweltbundesamt, Dessau-Roßlau, 538 S.
918. **Gawel, E., Korte, K.** (2014):
Das Grünbuch Strommarktdesign : Subventionen für konventionelle Kraftwerke ante
portas?
WISO direkt Dez. 2014
Friedrich-Ebert-Stiftung, Abt. Wirtschafts- und Sozialpolitik , Bonn, 4 S.
919. **Gawel, E., Lehmann, P., Korte, K., Strunz, S., Bovet, J., Köck, W.**, Massier, P.,
Löscher, A., Schober, D., Ohlhorst, D., Tews, K., Schreurs, M., Reeg, M., Wassermann,
S. (2014):
Die Zukunft der Energiewende in Deutschland
Policy Brief 2
Helmholtz-Allianz ENERGY- TRANS, 15 S.

920. **Gawel, E., Lehmann, P., Korte, K., Strunz, S., Bovet, J., Köck, W.**, Massier, P., Löschen, A., Schober, D., Ohlhorst, D., Tews, K., Schreurs, M., Reeg, M., Wassermann, S. (2014):
The future of the energy transition in Germany
Policy Brief 2
Helmholtz-Allianz ENERGY- TRANS, 14 S.
921. **Gawel, E., Schindler, H.** (2014):
Aufkommen und Aufkommensverwendung der Abwasserabgabe
UFZ-Diskussionspapiere 24/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 12 S.
922. **Gawel, E., Strunz, S., Lehmann, P.** (2014):
Wie viel Europa braucht die Energiewende?
UFZ-Diskussionspapiere 4/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 39 S.
923. **Gawel, E., Unnerstall, H.** (2014):
Ist der Kostendeckungsgrundsatz in Art. 9 WRRL allein umweltzielbezogen?
UFZ-Diskussionspapiere 11/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 11 S.
924. **Klauer, B., Schiller, J., Bathe, F.** (2014):
Cost-effective improvement of river morphology
UFZ-Diskussionspapiere 9/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 14 pp.
925. Krüger, F., **Scholz, M., Kreibich, M., Baborowski, M.** (2014):
Sedimentrückhalt in den Elbauen : Studie zur Erarbeitung des Sedimentrückhaltes in Auen als Teilfunktion des Sedimenttransportgeschehens an der Elbe. Abschlussbericht, Februar 2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, Magdeburg, 67 S.
926. **Kuhlicke, C., Begg, C., Beyer, M., Callsen, I., Kunath, A., Löster, N.** (2014):
Hochwasservorsorge und Schutzgerechtigkeit : erste Ergebnisse einer Haushaltsbefragung zur Hochwassersituation in Sachsen
UFZ-Diskussionspapiere 15/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 19 S.
927. Li, Y., Wang, Y., **Schwarze, R.** (2014):
Pathways to sustainable grassland development in China : findings of three case studies
UFZ-Diskussionspapiere 2/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 18 pp.

928. **Ludwig, G., Tronicke, C., Köck, W., Gawel, E.** (2014):
Rechtsrahmen der Bioökonomie in Mitteldeutschland – Bestandsaufnahme und
Bewertung
UFZ-Diskussionspapiere 22/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 111 S.
929. Manstetten, R., **Klauer, B.** (2014):
„Die Sache ist im guten Zustand zurückzugeben“ – Annäherungen an das Konzept der
fairen Hinterlassenschaft
UFZ-Diskussionspapiere 8/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 19 S.
930. **Mewes, M., Sturm, A., Johst, K., Drechsler, M., Wätzold, F.** (2014):
Handbuch der Software *DSS-Ecopay* Version 2.0 zur Bestimmung kosteneffizienter
Ausgleichszahlungen für Maßnahmen zum Schutz gefährdeter Arten und
Lebensraumtypen im Grünland
UFZ-Bericht 2/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 176 S.
931. **Möckel, S., Köck, W., Rutz, C., Schramek, J.** (2014):
Rechtliche und andere Instrumente für vermehrten Umweltschutz in der Landwirtschaft
Texte Umweltbundesamt 42
Umweltbundesamt, Dessau-Roßlau, 598 S.
932. Pelkmans, L., Goh, C.S., Junginger, M., Parhar, B., Bianco, E., Pellini, A.,
Benedetti, L., Gawor, M., Majer, S., **Thrän, D.**, Iriarte, L., Fritzsche, U.R. (2014):
Impact of promotion mechanisms for advanced and low-iLUC biofuels on markets :
summary report
IEA Bioenergy, 30 pp.
933. Peters, W., Rosenthal, S., Volmer, M., Hanusch, M., **Bovet, J., Kindler, L.**, Twele, J.,
Buddeke, M., Wagner, P. (2014):
Untersuchung von speziellen Hemmnissen im Zusammenhang mit der Umweltbewertung
in der Planung und Genehmigung der Windenergienutzung an Land und Erarbeitung von
Lösungsansätzen : Schlussbericht ; Forschungskennzahl 3710 97 119, UBA-FB 001984
Climate Change 23
Umweltbundesamt, Dessau-Roßlau, 175 S.
934. Peters, W., Rosenthal, S., Volmer, M., Hanusch, M., **Bovet, J., Kindler, L.**, Twele, J.,
Buddeke, M., Wagner, P. (2014):
Untersuchung von speziellen Hemmnissen im Zusammenhang mit der Umweltbewertung
in der Planung und Genehmigung der Windenergienutzung an Land und Erarbeitung von
Lösungsansätzen : Anlagenband ; Forschungskennzahl 3710 97 119, UBA-FB 001984
Climate Change 24
Umweltbundesamt, Dessau-Roßlau, 58 S.

935. Prchalova, H., Semeradova, S., Fanta, M., **Künitzer, A.**, **Richter, S.** (2014):
Emissions of pollutants to Europe's waters – Analysis of data reported under European
data flows
ETC/ICM Technical Report
European Topic Centre on Inland, Coastal and Marine Waters (ETC/ICM), 62 pp.
936. **Purkus, A.**, **Gawel, E.**, Deissenroth, M., Nienhaus, K., Wassermann, S. (2014):
Der Beitrag der Marktpreämie zur Marktintegration erneuerbarer Energien – Erfahrungen
aus dem EEG 2012 und Perspektiven der verpflichtenden Direktvermarktung
UFZ-Diskussionspapiere 21/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 23 S.
937. **Rauschmayer, F.**, Leßmann, O., Gutwald, R., Krause, P., **Masson, T.**, Mock,
M., **Omann, I.**, Volkert, J. (2014):
GeNECA: Gerechte Nachhaltige Entwicklung auf Basis des Capability-Ansatzes.
Endbericht
UFZ-Diskussionspapiere 6/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 25 S.
938. Renn, O., **Köck, W.**, Schweizer, P.-J., **Bovet, J.**, Benighaus, C., Scheel, O., Schröter, R.
(2014):
Öffentlichkeitsbeteiligung bei Planungsvorhaben der Energiewende
Policy Brief 1
Helmholtz-Allianz ENERGY- TRANS, 16 S.
939. Rüger, J., **Gawel, E.**, **Kern, K.** (2014):
Reformansätze für eine praktikable, aber lenkungstaugliche Niederschlagswasserabgabe.
Reforming the German rain water charge – approaches for an incentive-oriented but still
workable design of the charge
UFZ-Diskussionspapiere 23/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 19 S.
940. Scheftelowitz, M., **Thrän, D.**, Hennig, C., Krautz, A., Lenz, V., Liebetrau, J.,
Daniel-Gromke, J., Denysenko, V., Hillebrand, K., Naumann, K., Rensberg, N., Stinner,
W. (2014):
Entwicklung der Förderung der Stromerzeugung aus Biomasse im Rahmen des EEG
DBFZ Report 21
Deutsches BiomasseForschungszentrum (DBFZ), Leipzig, 46 S.
941. **Schumann, J.**, **Koch, C.**, **Günther, S.**, **Fetzer, I.**, **Müller, S.** (2014):
flowCyBar: Analyze flow cytometric data using gate information
R package version 1.2.0
<http://www.bioconductor.org/packages/release/bioc/html/flowCyBar.html>
October 2014: 1491 downloads (distinct IPs: December 2014: ~2000)

942. **Schumann, J., Koch, C., Günther, S., Fetzer, I., Müller, S.** (2014):
flowCHIC: Analyze flow cytometric data using histogram information
R package version 1.0.0
<http://www.bioconductor.org/packages/release/bioc/html/flowCHIC.html>
October 2014: 5 downloads (distinct IPs: ~500)
943. **Sijm, J., Lehmann, P., Chewpreecha, U., Gawel, E., Mercure, J.-F., Pollitt, H., Strunz, S.** (2014):
EU climate and energy policy beyond 2020: are additional targets and instruments for renewables economically reasonable?
UFZ-Diskussionspapiere 3/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 36 pp.
944. **Strunz, S., Gawel, E., Lehmann, P.** (2014):
Towards a general “Europeanization” of EU Member States’ energy policies?
UFZ-Diskussionspapiere 17/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 19 pp.
945. **Strunz, S., Klauer, B., Ring, I., Schiller, J.** (2014):
Between Scylla and Charybdis – on the place of economic methods and concepts within ecological economics
UFZ-Diskussionspapiere 26/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 19 pp.
946. **Thrän, D., Krautz, A., Scheftelowitz, M., Lenz, V., Liebetrau, J., Daniel-Gromke, J., Nelles, M.** (2014):
Auswirkungen der gegenwärtig diskutierten Novellierungsvorschläge für das EEG-2014 : Hintergrundpapier
Deutsches BiomasseForschungszentrum (DBFZ), Leipzig, 12 S.
947. **Trela, K.** (2014):
Klimaanpassung als wirtschaftspolitisches Handlungsfeld. Climate change adaptation as a field of economic policy
Working Paper 131
University of Leipzig, Faculty of Economics and Management Science, Leipzig, 29 S.
948. Veith, M., **Gawel, E.** (2014):
Implementierung von Demand Side Management im deutschen Strommarkt – eine ökonomische Analyse der Voraussetzungen
UFZ-Diskussionspapiere 25/2014
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 47 S.
949. **Wittich, A., Berghöfer, A., Wittmer, H., Kosmus, M., Emerton, L., van Zyl, H.** (2014):
Synthesis report of experiences with ecosystem service assessment processes. ValuES Project Report

950. Wüstemann, H., Hartje, V., **Bonn, A.**, **Hansjürgens, B.**, Bertram, C., Dehnhardt, A., Döring, R., Doyle, U., Elsasser, P., Mehl, D., Osterburg, B., Rehdanz, K., **Ring, I.**, **Scholz, M.**, Vohland, K. (2014):
Naturkapital und Klimapolitik : Synergien und Konflikte ; Kurzbericht für Entscheidungsträger
The Economics of Ecosystems and Biodiversity (TEEB), 77 S.

Berichtartikel

951. Barton, D.N., Santos, R., May, P., **Ring, I.** (2014):
Introduction
In: Santos, R., May, P., Barton, D.N., Ring, I. (eds.)
Comparative assessment of policy mixes across case studies – common design factors and transferability of assessment results
POLICYMIX Report 1/2014
p. 9 - 13
952. **Berghöfer, A.** (2014):
Die Ökosystemleistungsperspektive in der Landwirtschaft – Anwendungen in Entwicklungsländern
In: Schröter-Schlaack, C., Wittmer, H., Mewes, M., Schniewind, I. (Hrsg.)
Der Nutzen von Ökonomie und Ökosystemleistungen für die Naturschutzpraxis. Workshop IV: Landwirtschaft. Vierte Veranstaltung der Workshop-Reihe des Bundesamtes für Naturschutz und des Helmholtz-Zentrums für Umweltforschung – UFZ, 15.-18. April 2013, Internationale Naturschutzakademie Insel Vilm
BfN-Skripten 359
Bundesamt für Naturschutz (BfN), Bonn, S. 82 - 91
953. Field, C.B., Barros, V.R., Mastrandrea, M.D., Mach, K.J., Abdrabo, M.A.K., Adger, W.N., Anokhin, Y.A., Anisimov, O.A., Arent, D.J., Barnett, J., Burkett, V.R., Cai, R., Chatterjee, M., Cohen, S.J., Cramer, W., Dasgupta, P., Davidson, D.J., Denton, F., Döll, P., Dow, K., Hijioka, Y., Hoegh-Guldberg, O., Jones, R.G., Jones, R.N., Kitching, R.L., Kovats, R.S., Lankao, P.R., Larsen, J.N., Lin, J.N., Lin, E., Lobell, D.B., Losada, I.J., Magrin, G.O., Marengo, J.A., Markandya, A., McCarl, B.A., McLean, R.F., Mearns, L.O., Midgley, G.F., Mimura, N., Morton, J.F., Niang, I., Noble, I.R., Nurse, L.A., O'Brien, K.L., Oki, T., Olsson, L., Oppenheimer, M., Overpeck, J.T., Pereira, J.J., Poloczanska, E.S., Porter, J.R., Pörtner, H.-O., Prather, M.J., Pulwarty, R.S., Reisinger, A.R., Revi, A., Ruppel, O.C., Satterthwaite, D.E., Schmidt, D.N., **Settele, J.**, Smith, K.R., Stone, D.A., Suarez, A.G., Tschakert, P., Valentini, R., Villamizar, A., Warren, R., Wilbanks, T.J., Wong, P.P., Woodward, A., Yohe, G.W. (2014):
IPCC 2014 : Summary for policymakers
In: Field, C.B., Barros, V.R., Dokken, D.J., Mach, K.J., Mastrandrea, M.D., Bilir, T.E., Chatterjee, M., Ebi, K.L., Estrada, Y.O., Genova, R.C., Girma, B., Kissel, E.S., Levy, A.N., MacCracken, S., Mastrandrea, P.R., White, L.L. (eds.)
Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part A: Global and Sectoral Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change
Cambridge University Press, Cambridge, p. 1 - 32

954. **Hansjürgens, B.** (2014):
Economic evaluation and ethics: the TEEB study and its relevance in society and politics
In: Eser, U., Neureuther, A.-K., Seyfang, H., Müller, A. (eds.)
Prudence, Justice and the Good Life : a typology of ethical reasoning in selected European biodiversity strategies
Bundesamt für Naturschutz (BfN), Bonn, p. 62 - 79
955. **Hansjürgens, B., Schröter-Schlaack, C., Brenck, M., Ring, I., Bonn, A., Moesenfechtel, U.** (2014):
Das Projekt „Naturkapital Deutschland – TEEB DE“
In: Grunewald, K., Bastian, O., Drozdov, A. (Hrsg.)
TEEB-Prozesse und Ökosystem-Assessment in Deutschland, Russland und weiteren Staaten des nördlichen Eurasiens. TEEB процессы и экосистемные оценки в Германии, России и в некоторых других странах Северной Евразии
BfN-Skripten 372
Bundesamt für Naturschutz (BfN), Bonn, S. 34 - 48
956. **Hauck, J., Wittmer, H., Görg, C., Jax, K.** (2014):
Herausforderungen der Nutzung des Konzepts der Ökosystemdienstleistungen in Politik und Management
In: Grunewald, K., Bastian, O., Drozdov, A., Grabovsky, V. (Hrsg.)
Erfassung und Bewertung von Ökosystemdienstleistungen (ÖSD) : Erfahrungen, insbesondere aus Deutschland und Russland. Учет и оценка экосистемных услуг (ЭУ) : опыт, особенно Германии и России
BfN-Skripten 373
Bundesamt für Naturschutz (BfN), Bonn, S. 88 - 101
957. **Karthe, D.** (2014):
Trinkwasserversorgung und -hygiene in Deutschland: Herausforderungen im Kontext sich verändernder Rahmenbedingungen
In: Chifflard, P., Karthe, D., Grashey-Jansen, S., Wetzel, K.-F. (Hrsg.)
Beiträge zum 45. Jahrestreffen des Arbeitskreises Hydrologie vom 21.-23. November 2013 in Augsburg
Geographica Augustana : Manuskripte 16
Institut für Geographie, Augsburg, S. 18 - 23
958. **Karthe, D.** (2014):
Bedeutung des Klimawandels und klimatischer Extremereignisse für die Siedlungswasserwirtschaft Deutschlands
In: Opp, C., Chifflard, P. (Hrsg.)
Wasserforschung - Grundlagen und Anwendungen. Überregionale Beiträge aus Wissenschaft und Praxis
MGS 147
Marburger Geographische Ges., Marburg/Lahn , S. 1 - 20

959. Kunze, A., Elsäßer, D., **Karthe, D.**, Dame, G., Sedehizade, F., Nießner, R., Seidel, M. (2014): Entwicklung eines Hygiene Online-Monitoring Systems : Automatisierter Schnellnachweis von Bakterien und Viren (033W010E) für Roh- und Trinkwasser In: Dellert-Ritter, M. (Hrsg.) *chrom+food FORUM* S. 60 - 61
960. **Lienhoop, N., Schröter-Schlaack, C., Ring, I.** (2014): Germany (EFT & AEM) In: Santos, R., May, P., Barton, D.N., Ring, I. (eds.) *Comparative assessment of policy mixes across case studies – common design factors and transferability of assessment results* POLICYMIX Report 1/2014 p. 115 - 123
961. May, P., **Ring, I.**, Santos, R., Barton, D.N., **Schröter-Schlaack, C.**, Clemente, P., Antunes, P. (2014): Cross case comparison of ecological fiscal transfers (EFT) In: Santos, R., May, P., Barton, D.N., Ring, I. (eds.) *Comparative assessment of policy mixes across case studies – common design factors and transferability of assessment results* POLICYMIX Report 1/2014 p. 66 - 83
962. May, P., Santos, R., Barton, D.N., **Ring, I.** (2014): Summary In: Santos, R., May, P., Barton, D.N., Ring, I. (eds.) *Comparative assessment of policy mixes across case studies – common design factors and transferability of assessment results* POLICYMIX Report 1/2014 p. 5 - 7
963. **Mewes, M., Wätzold, F., Drechsler, M., Johst, K., Sturm, A.** (2014): DSS-Ecopay: Entscheidungshilfe zur Bestimmung ökologisch wirksamer und kosteneffizienter Zahlungen für Artenschutzmaßnahmen im Grünland In: Schröter-Schlaack, C., Wittmer, H., Mewes, M., Schniewind, I. (Hrsg.) *Der Nutzen von Ökonomie und Ökosystemleistungen für die Naturschutzpraxis. Workshop IV: Landwirtschaft. Vierte Veranstaltung der Workshop-Reihe des Bundesamtes für Naturschutz und des Helmholtz-Zentrums für Umweltforschung – UFZ, 15.-18. April 2013, Internationale Naturschutzakademie Insel Vilm* BfN-Skripten 359 Bundesamt für Naturschutz (BfN), Bonn, S. 72 - 81

964. **Moeller, L., Krieg, F., Beyer, D., Köster, Y., Müller, R.A., Zehnsdorf, A.** (2014):
LEIPZIGER SCHAUMTESTER - Testset und dessen Verwendung zur Bestimmung der Schaumneigung von Substrat in Biogasanlagen
In: Thrän, D., Pfeiffer, D. (Hrsg.)
Festschrift. Konferenz 5 Jahre Förderprogramm "Energetische Biomassenutzung": Wege zur effizienten Bioenergie
Schriftenreihe des Förderprogramms "Energetische Biomassenutzung" 15
Deutsches BiomasseForschungszentrum (DBFZ), Leipzig, S. 170 - 175
965. **Rink, D., Haase, A., Schneider, A.** (2014):
Vom Leerstand zum Bauboom? Zur Entwicklung des Leipziger Wohnungsmarkts
Statistischer Quartalsbericht/ Stadt Leipzig I/2014
Stadt Leipzig, Amt für Statistik und Wahlen, Leipzig, S. 25 - 28
966. **Rink, D., Schneider, A., Haase, A., Lier, B.** (2014):
Das gehobene Wohnsegment in Leipzig
Statistischer Quartalsbericht/ Stadt Leipzig II/2014
Stadt Leipzig, Amt für Statistik und Wahlen, Leipzig, S. 25 - 30
967. Santos, R., Antunes, P., Clemente, P., May, P., **Lienhoop, N.** (2014):
Cross case comparison of agro-environmental measures (AEM)
In: Santos, R., May, P., Barton, D.N., Ring, I. (eds.)
Comparative assessment of policy mixes across case studies – common design factors and transferability of assessment results
POLICYMIX Report 1/2014
p. 53 - 65
968. Santos, R., Clemente, P., Antunes, P., **Ring, I.** (2014):
A review of guidance documents on the use of economic instruments in conservation policies
In: Santos, R., May, P., Barton, D.N., Ring, I. (eds.)
Comparative assessment of policy mixes across case studies – common design factors and transferability of assessment results
POLICYMIX Report 1/2014
p. 14 - 22
969. Santos, R., May, P., Barton, D.N., **Ring, I.** (2014):
Acknowledgements
In: Ring, I., Santos, R., May, P., Barton, D.N. (eds.)
Comparative assessment of policy mixes across case studies – common design factors and transferability of assessment results
POLICYMIX Report 1/2014
p. 8

970. Santos, R., May, P., Barton, D.N., **Ring, I.** (2014):
Conclusions
In: Santos, R., May, P., Barton, D.N., Ring, I. (eds.)
Comparative assessment of policy mixes across case studies – common design factors and transferability of assessment results
POLICYMIX Report 1/2014
p. 84 - 95
971. **Schröter-Schlaack, C., Hansjürgens, B.** (2014):
Grundlagen der ökonomischen Bewertung von Ökosystemleistungen in der Landwirtschaft
In: Schröter-Schlaack, C., Wittmer, H., Mewes, M., Schniewind, I. (Hrsg.)
Der Nutzen von Ökonomie und Ökosystemleistungen für die Naturschutzpraxis. Workshop IV: Landwirtschaft. Vierte Veranstaltung der Workshop-Reihe des Bundesamtes für Naturschutz und des Helmholtz-Zentrums für Umweltforschung – UFZ, 15.-18. April 2013, Internationale Naturschutzakademie Insel Vilm
BfN-Skripten 359
Bundesamt für Naturschutz (BfN), Bonn, S. 31 - 44
972. **Schröter-Schlaack, C.** (2014):
Ökosystemleistungen, TEEB und Naturkapital Deutschland
In: Schröter-Schlaack, C., Wittmer, H., Mewes, M., Schniewind, I. (Hrsg.)
Der Nutzen von Ökonomie und Ökosystemleistungen für die Naturschutzpraxis. Workshop IV: Landwirtschaft. Vierte Veranstaltung der Workshop-Reihe des Bundesamtes für Naturschutz und des Helmholtz-Zentrums für Umweltforschung – UFZ, 15.-18. April 2013, Internationale Naturschutzakademie Insel Vilm
BfN-Skripten 359
Bundesamt für Naturschutz (BfN), Bonn, S. 8 - 21
973. **Settele, J.**, Scholes, R., Betts, R., Bunn, S., Leadley, P., Nepstad, D., Overpeck, J.T., Taboada, M.A. (2014):
Terrestrial and inland water systems
In: Field, C.B., Barros, V.R., Dokken, D.J., Mach, K.J., Mastrandrea, M.D., Bilir, T.E., Chatterjee, M., Ebi, K.L., Estrada, Y.O., Genova, R.C., Girma, B., Kissel, E.S., Levy, A.N., MacCracken, S., Mastrandrea, P.R., White, L.L. (eds.)
Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part A: Global and Sectoral Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change
Cambridge University Press, Cambridge, p. 271 - 359

974. **Thrän, D.**, Pfeiffer, D. (2014):
Fünf Jahre Forschung für Nachhaltigkeit und Effizienz im Förderprogramm
"Energetische Biomassenutzung"
In: Thrän, D., Pfeiffer, D. (Hrsg.)
Festschrift. Konferenz 5 Jahre Förderprogramm "Energetische Biomassenutzung": Wege zur effizienten Bioenergie
Schriftenreihe des Förderprogramms "Energetische Biomassenutzung" 15
Deutsches BiomasseForschungszentrum (DBFZ), Leipzig, S. 10 - 18
975. **Thrän, D.** (2014):
Vorwort
In: Thrän, D., Pfeiffer, D. (Hrsg.)
Festschrift. Konferenz 5 Jahre Förderprogramm "Energetische Biomassenutzung": Wege zur effizienten Bioenergie
Schriftenreihe des Förderprogramms "Energetische Biomassenutzung" 15
Deutsches BiomasseForschungszentrum (DBFZ), Leipzig, S. 7 - 9
976. **Welz, J., Kabisch, S., Haase, A.** (2014):
Meine Entscheidung für Leipzig. Ergebnisse der Wanderungsbefragung 2014
Statistischer Quartalsbericht/ Stadt Leipzig II/2014
Stadt Leipzig, Amt für Statistik und Wahlen, Leipzig, S. 19 - 24
977. **Wittmer, H., Schröter-Schlaack, C., Dietrich, K., Schniewind, I.** (2014):
Ökosystemleistungen, Bewertung und Inwertsetzung: Wie nützlich sind diese Konzepte für die deutsche Naturschutzpraxis – ein Fazit
In: Schröter-Schlaack, C., Wittmer, H., Mewes, M., Schniewind, I. (Hrsg.)
Der Nutzen von Ökonomie und Ökosystemleistungen für die Naturschutzpraxis. Workshop IV: Landwirtschaft. Vierte Veranstaltung der Workshop-Reihe des Bundesamtes für Naturschutz und des Helmholtz-Zentrums für Umweltforschung – UFZ, 15.-18. April 2013, Internationale Naturschutzakademie Insel Vilm
BfN-Skripten 359
Bundesamt für Naturschutz (BfN), Bonn, S. 93 - 102
978. **Wolff, M.**, Glatter, J. (2014):
Studentisches Wohnen in Dresden 2012
In: Mensing-de Jong, A., Kroll, C. (Hrsg.)
Campus und Quartier : Wechselwirkungen
Sustainable campus : zusammen verändern
Hochschule für Technik und Wirtschaft (HTW), Dresden, S. 20 - 23

979. Würdemann, H., Kleyböcker, A., Lienen, T., Liebrich, M., Brehmer, M., Kraume, M., Daniel-Gromke, J., Lorenz, H., Balussou, D., McKenna, R., **Moeller, L.**, **Görsch, K.**, **Müller, R.A.**, **Zehnsdorf, A.**, Zirkler, D., Kaupenjohann, M. (2014): OptGas - vergleichende Untersuchungen an großtechnischen Biogasreaktoren In: Thrän, D., Pfeiffer, D. (Hrsg.) *Neue Wege zur Prozessoptimierung in Biogasanlagen : abgeschlossene Vorhaben im BMU-Förderprogramm T. 1* Schriftenreihe des BMU-Förderprogramms "Energetische Biomassenutzung" 11 Deutsches BiomasseForschungszentrum (DBFZ), Leipzig, S. 9 - 24

Berichtherausgaben

980. **Albert, C., Neßhöver, C., Wittmer, H., Hinzmann, M., Görg, C.**, Grunewald, K., Bastian, O. (Hrsg., 2014):
Sondierungsstudie für ein Nationales Assessment von Ökosystemen und ihren Leistungen für Wirtschaft und Gesellschaft in Deutschland
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, 64 S.
981. Allard, B., **Borchardt, D.**, Burri, P., Grigelis, A., Growitsch, C., Kalaydjian, F., Mair, R., Maisonnier, G., Pawłowski, L., Reichetseder, P., Swennen, R., Norton, M. (eds., 2014):
Shale gas extraction: issues of particular relevance to the European Union
EASAC, European Academies Science Advisory Council, Brussels, 16 pp.
982. Barton, D.N., **Ring, I.**, Rusch, G. (eds., 2014):
Policyscapes : nature-based policy mixes for biodiversity conservation and ecosystem services provision
Policy Brief 2
16 pp.
983. **Berghöfer, A., Manns, F., Förster, J., Schmidt, S.** (eds., 2014):
ValuES Methods Database. Finding suitable methods for assessing ecosystem services
984. Chifflard, P., **Karthe, D.**, Grashey-Jansen, S., Wetzel, K.-F. (Hrsg., 2014):
Beiträge zum 45. Jahrestreffen des Arbeitskreises Hydrologie vom 21.-23. November 2013 in Augsburg
Geographica Augustana : Manuskripte 16
Institut für Geographie, Augsburg, 58 S.
985. **Ibisch, R., Borchardt, D.**, Löwe, H., Bernhardt, I., Schade, J. (Hrsg., 2014):
Integriertes Wasserressourcen-Management (IWRM) : Umfrage zur wissenschaftlichen und anwendungsbezogenen Ergebnisverwertung der Fördermaßnahme „Integriertes Wasserressourcenmanagement (IWRM) – Von der Forschung zur Umsetzung“ des Bundesministeriums für Bildung und Forschung (BMBF)
Helmholtz-Zentrum für Umweltforschung - UFZ, Leipzig, Magdeburg, 76 S.
986. **Krellenberg, K.**, Jordán, R., Rehner, J., **Schwarz, A.**, Infante, B., **Barth, K.**, Pérez, A. (eds., 2014):
Adaptation to climate change in megacities of Latin America: Regional Learning Network of the research project ClimateAdaptationSantiago (CAS)
United Nations Economic Commission for Latin America and the Caribbean (ECLAC), Santiago de Chile, 99 pp.
987. **Kühnel, D.**, Nickel, C. (eds., 2014):
Ecotoxicology and environmental fate of manufactured nanomaterials: test guidelines
Series on the Safety of Manufactured Nanomaterials 40 - ENV/JM/MONO(2014)1
OECD Organisation for Economic Co-operation and Development, Paris, 84 pp.

988. Lenz, V., **Thrän, D.**, Pfeiffer, D. (Hrsg., 2014):
Messmethodensammlung Feinstaub. Methodenvorschlag zur Feinstauberfassung an
Feuerungsanlagen für feste biogene Brennstoffe
Schriftenreihe des BMU-Förderprogramms "Energetische Biomassenutzung" 8
Deutsches BiomasseForschungszentrum (DBFZ), Leipzig, 164 S.
989. Santos, R., May, P., Barton, D.N., **Ring, I.** (eds., 2014):
Comparative assessment of policy mixes across case studies – common design factors and
transferability of assessment results
POLICYMIX Report 1/2014
153 pp.
990. **Schröter-Schlaack, C., Wittmer, H., Mewes, M., Schniewind, I.** (Hrsg., 2014):
Der Nutzen von Ökonomie und Ökosystemleistungen für die Naturschutzpraxis.
Workshop IV: Landwirtschaft. Vierte Veranstaltung der Workshop-Reihe des
Bundesamtes für Naturschutz und des Helmholtz-Zentrums für Umweltforschung – UFZ,
15.-18. April 2013, Internationale Naturschutzakademie Insel Vilm
BfN-Skripten 359
Bundesamt für Naturschutz (BfN), Bonn, 105 S.
991. **Thrän, D.**, Pfeiffer, D. (Hrsg., 2014):
Neue Wege zur Prozessoptimierung in Biogasanlagen : abgeschlossene Vorhaben im
Förderprogramm, Teil 2
Schriftenreihe des Förderprogramms "Energetische Biomassenutzung" 16
Deutsches BiomasseForschungszentrum (DBFZ), Leipzig, 74 S.
992. **Thrän, D.**, Pfeiffer, D. (Hrsg., 2014):
Festschrift. Konferenz 5 Jahre Förderprogramm "Energetische Biomassenutzung": Wege
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Schriftenreihe des Förderprogramms "Energetische Biomassenutzung" 15
Deutsches BiomasseForschungszentrum (DBFZ), Leipzig, 312 S.
993. **Thrän, D.**, Pfeiffer, D. (Hrsg., 2014):
Steckbriefe. Biogas - Effiziente und bedarfsgerechte Biogasproduktion.
BMUB-Förderprogramm Energetische Biomassenutzung
Deutsches BiomasseForschungszentrum (DBFZ), Leipzig, 83 S.
994. **Thrän, D.**, Pfeiffer, D. (Hrsg., 2014):
Neue Wege zur Prozessoptimierung in Biogasanlagen. Abgeschlossene Vorhaben im
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Deutsches BiomasseForschungszentrum (DBFZ), Leipzig, 112 S.

995. **Thrän, D.**, Pfeiffer, D. (Hrsg., 2014):
Effizient, umweltverträglich, dezentral : neue Konzepte für die Nutzung von biogenen
Festbrennstoffen, Teil 2
Schriftenreihe des Förderprogramms "Energetische Biomassenutzung" 17
Deutsches BiomasseForschungszentrum (DBFZ), Leipzig, 128 S.
996. **Wittich, A., Berghöfer, A., Wittmer, H.** (eds., 2014):
ValuES Case Study Collection. Experiences with ecosystem service assessment processes

Tagungsbeiträge

997. Bartholmai, M., Neumann, P.P., Werner, K.-D., Ebert, S., **Lazik, D.** (2014):
Linear sensor for areal subsurface gas monitoring - calibration routine and validation experiments
IEEE SENSORS 2014, Valencia, Spain, Nov. 2-5, 2014 : conference proceedings
IEEE, Piscataway, NJ, p. 942 - 945
998. **Bartke, S., Schwarze, R.** (2014):
Are real estate valuers constraining sustainable land use?
ISEE 2014: Wellbeing and Equity within Planetary Boundaries. The biannual conference of the ISEE (The International Society for Ecological Economics) hosted by the University of Iceland, Reykjavik, 13–15 August 2014
p. 71 - 72
999. **Gawel, E.** (2014):
Wassernutzungsabgaben zur Erfüllung künftiger wasserwirtschaftlichen Aufgaben - unter besonderer Berücksichtigung einer reformierten Abwasserabgabe
6. Wirtschaftstage, Tagung 5.-6. März 2014, Hamburg
Deutsche Vereinigung für Wasserwirtschaft, Abwasser und Abfall (DWA), Hennef, S. 1 - 13
1000. **Hagemann, N., Hauck, J., Gawel, E.** (2014):
Possible futures towards a wood based bioeconomy in Central Germany
ISEE 2014: Wellbeing and Equity within Planetary Boundaries. The biannual conference of the ISEE (The International Society for Ecological Economics) hosted by the University of Iceland, Reykjavik, 13–15 August 2014
1001. Hernandez-Santiago, C., **Priess, J., Volk, M.** (2014):
Landfill allocation. Providing alternatives for decision makers
In: Ames, D.P., Quinn, N.W.T., Rizzoli, A.E. (eds.)
Proceedings of the 7th International Congress on Environmental Modelling and Software (iEMSS), June 15-19, San Diego, California, USA
International Environmental Modelling and Software Society (iEMSS), Manno, p. 1 - 8
1002. **Hildebrandt, J., Bezama, A.** (2014):
Entwicklungstreiber für die Modellierung der Altholzkaskade bis 2050
In: Pomberger, R., Adam, J., Aldrian, A., Arnberger, A., Höllen, D., Kreindl, G., Lorber, K.E., Sarc, R., Schwarz, T., Sedlazeck, P., Wellacher, M., Wolfsberger, T. (Hrsg.)
Tagungsband zur 12. DepoTech 2014 - Abfallwirtschaft, Abfallverwertung und Recycling, Deponietechnik und Altlasten in Leoben, Österreich, 04.-07.11.2014
Inst. für Nachhaltige Abfallwirtschaft und Entsorgungstechnik , Leoben, S. 661 - 664

1003. **Hildebrandt, J., Bezama, A., Thrän, D.** (2014):
A hybrid-MCDA tool for assessment of added value networks in a woodbased
bioeconomy
*Proceedings of the Bioenergy from Forest Conference, Helsinki, Finland from 15th to
18th September*
1004. **Hildebrandt, J., Bezama, A., Thrän, D.** (2014):
Establishing a robust sustainability index for the assessment of bioeconomy regions
*Conference Proceedings of the International Conference and Utility Exhibition 2014
(ICUE 2014) on Green Energy for Sustainable Development of the Asian Institute of
Technology, Thailand and the IEEE Power and Energy Society, Bangkok, 19-21 March
2014*
p. 1 - 4
1005. **Ibisch, R., Borchardt, D., Niemann, S., Goedert, R., Muñoz, M., Hornidge, A.-K., Ikhwan, M., Krug von Nidda, A., Felmeden, J., Schulz, O., Leidel, M.** (2014):
Lessons learned with multi-level approaches for capacity development in applied research
projects
In: Hülsmann, S., Ardakanian, R. (eds.)
*Proceedings of the special session „Societal concerns and capacity development“
organized by UNU-FLORES at the 8th Symposium of European Freshwater Sciences
(SEFS 8), Münster, Germany, 01-05 July 2013*
United Nations University, Institute for Integrated Management of Material Fluxes and of
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1006. **Karthe, D.** (2014):
Klimawandel und demographischer Wandel als Herausforderungen für die Sicherstellung
der Trinkwasserhygiene in Deutschland
*XI. Internationale wissenschaftliche Konferenz "Strukturveränderungen und
gesellschaftlicher Fortschritt" am 4. April 2014, Almaty, Kasachstan*
Deutsch-Kasachische Universität, Almaty, S. 205 - 211
1007. **Klassert, C., Gawel, E., Klauer, B., Sigel, K.** (2014):
Modeling household water consumption in a hydro-institutional system – the case of
Amman, Jordan
AGU Fall Meeting San Francisco 15-19 December 2014
p. 1 - 1
1008. **Lausch, A., Schütze, C., Siemon, B., Zacharias, S., Werban, U.** (2014):
Analysis of vegetation heterogeneity as sensor for soil moisture patterns using remote
sensing
In: Ames, D.P., Quinn, N.W.T., Rizzoli, A.E. (eds.)
*Proceedings of the 7th International Congress on Environmental Modelling and Software
(iEMSs), June 15-19, San Diego, California, USA*
International Environmental Modelling and Software Society (iEMSs), Manno, p. 1 - 8

1009. **Lautenbach, S., Volk, M., Strauch, M., Whittaker, G., Seppelt, R.** (2014):
Trade-offs of biogas production: comparing crop ro-tations under different climate scenarios
In: Ames, D.P., Quinn, N.W.T., Rizzoli, A.E. (eds.)
Proceedings of the 7th International Congress on Environmental Modelling and Software (iEMSS), June 15-19, San Diego, California, USA
International Environmental Modelling and Software Society (iEMSS), Mann, p. 1 - 8
1010. **Lazik, D.**, Ebert, S., Neumann, P., Bartholmai, M. (2014):
Pipeline monitoring with linear gas sensors
Proceedings/ 9th Pipeline Technology Conference 2014 : Berlin, Germany, 12-14 Mai 2014
EITEP GmbH, Euro Institute for Information and Technology Transfer in Environmental Protection, Hannover, p. 1 - 9
1011. **Lazik, D.**, Ebert, S., Neumann, P., Bartholmai, M. (2014):
Continuous observation of subsurface gases by linear gas sensors
1st International Symposium on Energy Challenges & Mechanics : 8-10 July 2014, Aberdeen, Scotland, UK
1012. Magri, F., Guttman, J., Inbar, N., Raggad, M., **Siebert, C.** (2014):
Simulations of coupled fluid transport processes in faulted systems: an example based on the groundwater hydrology of the Tiberias Basin, Jordan Valley
Computational Methods in Water Resources 2014. XX. international conference. 10-13 June 2014, Stuttgart
1013. Nelles, M., Glowacki, R., Daniel-Gromke, J., Scholwin, F., **Thrän, D.** (2014):
Energetische Biomassenutzung im Energie- und Bioökonomiesystem der Zukunft
Tagungsband zum 46. Kraftwerkstechnischen Kolloquium 2014, Congress Center Dresden, 14.-15. Oktober 2014
1014. Neumann, P.P., Kohlhoff, H., Werner, K.-D., Erdmann, J., Eggeringhaus, B., Kammermeier, M., Schukar, M., Basedau, F., Bartholmai, M., **Lazik, D.**, Ebert, S. (2014):
Setup of a large scale soil test field with CO₂ injection for testing a novel distributed subsurface monitoring system for gas storage areas
31th Danubia-Adria Symposium, Kempten University, Germany, 2014
1015. **Pannicke, N., Siebert, A.** (2014):
Sicherung von Nachhaltigkeit der Bioökonomie in Deutschland
naro.tech - 10. Internationales Symposium "Werkstoffe aus Nachwachsenden Rohstoffen" (16./17. September 2014) in Erfurt
S. S4.09

1016. **Pannicke, N., Tronicke, C., Hagemann, N., Gawel, E.** (2014):
Socio-economic challenges of developing a bio-based economy
In: Cocero Alonso, M.J. (ed.)
10th International Conference on Renewable Resources and Biorefineries, Valladolid - Spain, 4-6 June 2014
Universidad de Valladolid, p. 55 - 56
1017. **Priess, J.A., Elger, R., Hauck, J.** (2014):
The ESM-App – a new smartphone application to map ecosystem services
In: Ames, D.P., Quinn, N.W.T., Rizzoli, A.E. (eds.)
Proceedings of the 7th International Congress on Environmental Modelling and Software (iEMSs), June 15-19, San Diego, California, USA
International Environmental Modelling and Software Society (iEMSs), Manno, p. 1 - 7
1018. **Richter, S., Borchardt, D., Ewen, C., Hammerbacher, R.** (2014):
Dialogue and information dissemination process concerning the health and environmental aspects of hydrofracking: process and recommendations
Proceedings of the 13th IWA Specialist Conference Watershed and River Basin Management. September 9th-12th. San Francisco, USA
1019. Sangiorgio, F., Lorenzi, C., Fiore, N., Montinaro, S., Connolly, J., Josephson, J., Rodrigues, A., Quintino, V., Hoppe, U., **Ulbrich, K., Klotz, S., Varcin, R., Basset, A.** (2014):
Let´s be a researcher in ecology! An international e-learning game
6th International Conference on Education and New Learning Technologies (EDULEARN14) Barcelona, Spain. 7-9 July, 2014
International Association of Technology, Education and Development (IATED), p. 1528 - 1533
1020. **Sauer, U., Schütze, C., Sandig, C.** (2014):
Application of geoelectrical monitoring techniques at a natural CO₂ release site to identify degassing areas and related transport processes
GELMON 2013: Collection of Abstracts: 2nd International Workshop on Geoelectrical Monitoring December 4th - December 6th, 2013
Berichte der Geologischen Bundesanstalt 104
Geologische Bundesanstalt, Wien, p. 58
1021. **Schlink, U., Fischer, G.** (2014):
A Bayesian Maximum Entropy scheme for the assimilation of mobile recordings with simulations of urban micrometeorological data
In: Ames, D.P., Quinn, N.W.T., Rizzoli, A.E. (eds.)
Proceedings of the 7th International Congress on Environmental Modelling and Software (iEMSs), June 15-19, San Diego, California, USA
International Environmental Modelling and Software Society (iEMSs), Manno, p. 1 - 6

1022. **Schröter, I., Paasche, H., Dietrich, P., Wollschläger, U.** (2014):
Field-scale prediction of soil moisture patterns by means of a fuzzy c-means clustering algorithm, structural information/multisensoral data, and sparse TDR measurements
Proceedings of the 2014 AGU Chapman Conference on Catchment Spatial Organization and Complex Behavior, Luxembourg, 23-26. September, 2014
p. 1 - 6
1023. **Seppelt, R.**, Martin, R., Finger, A., Henzen, C., Lindner, M., Pietzsch, K., **Werntze, A.**, Zander, U., **Schulze, J.** (2014):
Experiences with a serious online game for exploring complex relationships of sustainable land management and human well-being: LandYOUs
In: Ames, D.P., Quinn, N.W.T., Rizzoli, A.E. (eds.)
Proceedings of the 7th International Congress on Environmental Modelling and Software (iEMSS), June 15-19, San Diego, California, USA
International Environmental Modelling and Software Society (iEMSS), Manno, p. 1 - 8
1024. **Thrän, D.** (2014):
Bioenergieforschung heute und Visionen 2050
In: Nelles, M. (Hrsg.)
Bioenergie : vielseitig, sicher, wirtschaftlich, sauber?! DBFZ-Jahrestagung am 01./02. Oktober 2014, Leipzig. Tagungsband
Deutsches BiomasseForschungszentrum (DBFZ), Leipzig, S. 13
1025. **Thrän, D.**, Pfeiffer, D. (2014):
BEST PRACTISE – Erfolgskriterien für eine nachhaltige Energetische Biomassenutzung
In: Nelles, M. (Hrsg.)
Bioenergie : vielseitig, sicher, wirtschaftlich, sauber?! DBFZ-Jahrestagung am 01./02. Oktober 2014, Leipzig. Tagungsband
Deutsches BiomasseForschungszentrum (DBFZ), Leipzig, S. 145 - 146
1026. **Thulke, H.-H., Lange, M., Siemen, H., Blome, S.** (2014):
Digging into the myth – African Swine Fever, Russian wild boar and the endemicity hypothesis
In: Mintiens, K., Parkin, T.D.H. (eds.)
2014 SVEPM Annual Conference held in Dublin, Ireland 26th – 28th March 2014 : Proceedings
Society for Veterinary Epidemiology and Preventive Medicine, p. 86 - 95
1027. **Ulbrich, K., Klotz, S., Settele, J.** (2014):
Combining computer and real environment - experience from implementing biodiversity research in the classroom
6th International Conference on Education and New Learning Technologies (EDULEARN14) Barcelona, Spain. 7-9 July, 2014
International Association of Technology, Education and Development (IATED), p. 3493 - 3499

1028. Verdonck, F., Chauzat, M.-P., Mosbach-Schulz, O., Ritter, W., Rortais, A., **Thulke, H.-H.**, Vos, S., Koenen, F. (2014):
An improved method for qualitative risk assessment - validation and application to a bee pest
In: Mintiens, K., Parkin, T.D.H. (eds.)
2014 SVEPM Annual Conference held in Dublin, Ireland 26th – 28th March 2014 : Proceedings
Society for Veterinary Epidemiology and Preventive Medicine, p. 260 - 270
1029. **Vienken, T., Kreck, M., Dietrich, P.** (2014):
Evaluation of CPT based methods for assessment of hydraulic conductivity
In: Robertson, P. (ed.)
Proceedings of the Third International Symposium on Cone Penetration Testing (CPT'14), Las Vegas, Nevada, USA, 12th–14th May 2014
p. 525 - 532
1030. **Völker, J., Richter, S., Borchardt, D.**, Mohaupt, V. (2014):
Water management plans in Germany: is there a straightforward way towards healthy aquatic ecosystems?
Proceedings of the 13th IWA Specialist Conference Watershed and River Basin Management. September 9th-12th. San Francisco, USA
1031. **Werban, U., Pohle, M., Krüger, J., Kuka, K., Franko, U., Vetterlein, D.** (2014):
Investigation of pedogeophysical relationships using in situ measured electrical resistivity and soil physical and root
Near Surface Geoscience 2014 - 20th European Meeting of Environmental and Engineering Geophysics, Athens, Greece, 14-18 September 2014
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1032. Wiche, O., **Zehnsdorf, A.**, Schlenker, U. (2014):
Naturnahe Rohstoffgewinnung aus kontaminierten Böden und Sedimenten - Forschung im BRZ Hirschfeld
XXIII. Sächsisches Altlastenkolloquium 6./7.11.2014, Dresden
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Revealing principles of hydrological response – the Schaeferthal approach
Proceedings of the 2014 AGU Chapman Conference on Catchment Spatial Organization and Complex Behavior, Luxembourg, 23-26. September, 2014
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Cost recovery for “water services”. Critical review of the EU Court of Justice conclusions of Advocate General Jääskinen in case C-525/12
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Germany’s decision to phase out nuclear power is fundamentally sensible from an economic perspective
1038. Gurr, G.M., You, M., Yang, G., Wang, L., Wyckhuys, K.A.G., Wezel, A., Aznar, R.V., Garcia-Marí, F., Tscharntke, T., Batáry, P., Scherber, C., Landis, D.A., Cook, S.M., Hokkanen, H.M.T., Zhang, Y., Tylianakis, J.M., Wratten, S.D., Zhu, Z.R., Lu, Z., Horgan, F., Harwood, J.D., Heong, K.L., **Settele, J.** (2014):
Comment on C. Robertson McClung – “Making Hunger Yield” (published 20 June 2014)
1039. **Lehmann, P., Gawel, E., Strunz, S.** (2014):
Abschied von europäischen Ausbauzielen für Erneuerbare? Eine ökonomisch fragwürdige Entscheidung
1040. **Settele, J.** (2014):
Comment to "Best practice for biofuels" by Youngs & Somerville, Science 344, 1095-1096. Science online (published 27 June 2014)
1041. **Settele, J., Spangenberg, J.H.** (2014):
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1042. **Settele, J., Wiemers, M.** (2014):
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