

## CURRICULUM VITAE

### JUN.-PROF. DR. PAUL LEHMANN

Juni 2021

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## EDUCATION

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- 01/2006 – 01/2010 Dr. rer. pol. (equiv. Ph.D. in Economics), Martin-Luther-University Halle-Wittenberg (Germany)
- Grade: Summa cum laude
  - Thesis: “Using a Policy Mix to Combat Climate Change – An Economic Evaluation of Policies in the German Electricity Sector”
  - Supervisor: Prof. Dr. Hansjürgens; Second Referee: Prof. Dr. Ahlert
- 10/1998 – 05/2004 Diplom-Betriebswirt (equiv. MBA), University of Leipzig (Germany)
- Grade: 1.3 (1.0 maximum)
  - Thesis: „An Economic Evaluation of the U.S. Conservation Reserve Program“
  - Erasmus student at Universidad de Deusto, San Sebastian (Spain), 10/2000 – 08/2001

## POSITIONS

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- Since 09/2018 Assistant Professor of Environmental and Energy Economics, Faculty of Economics and Management Science, University of Leipzig (Germany)
- Since 09/2017 Head of the Junior Research Group „Sustainable Deployment of Renewable Energies with Multiple Environmental Impacts – Policy Strategies to Mitigate Ecological Trade-offs of the Energy Transition“, Faculty of Economics and Management Science, University of Leipzig (Germany)
- 07/2008 – 08/2017 Research Fellow, Department of Economics, Helmholtz-Centre for Environmental Research - UFZ, Leipzig (Germany)  
Since 04/2013: Spokesman of the interdisciplinary Working Group Energy cross-cutting UFZ social science departments
- 05/2016 – 10/2016 Visiting Researcher, Institute for New Economic Thinking, University of Oxford (UK)
- 09/2005 – 12/2005 Visiting Researcher, Resources for the Future, Washington, DC (USA)
- 08/2004 – 06/2005 Research Assistant, Department of Economics, Helmholtz-Centre for Environmental Research - UFZ, Leipzig (Germany)

## FIELDS OF RESEARCH

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- Environmental and Resource Economics, Energy Economics
- New Institutional Economics and Political Economy
- Applied Microeconomics
- Applied to the analysis of energy, climate and water policy

## WORK IN PROGRESS

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- [a] “Trade-offs associated with the spatial allocation of future onshore wind generation capacity – A case study for Germany”, with P. Tafarte (University of Leipzig). Preliminary version: [UFZ Discussion Paper 2/2021](#).
- [b] “Optimal siting of onshore wind turbines in the presence of local disamenities”, with F. Reutter, P. Tafarte (all University of Leipzig and UFZ).
- [c] “Environmental trade-offs of (de)centralized pathways for the German energy transition”, with F. Reutter (University of Leipzig).
- [d] “Managing the spatial externalities of RES Deployment: Uniform vs. Differentiated Regulation”, with C. Geiger (University of Leipzig). Preliminary version: [UFZ Discussion Paper 1/2021](#).
- [e] “Optimal federal regulation of renewable energy expansion”, with J.-N. Meier (University of Leipzig). Preliminary version: [UFZ Discussion Paper 8/2020](#).
- [f] “Addressing multiple externalities in a second-best setting: On the optimal design of climate and renewable energy policies”.
- [g] “Ecological sustainability post Covid-19: What the social sciences (don’t) tell us” (with S. Beck, M. del Brito, E. Gawel, M. Groß, A. Haase, R. Lepenies, D. Otto, J. Schiller, S. Strunz, D. Thrän (all UFZ).

REFEREED ARTICLES

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**2021/forthcoming**

- [1] **Lehmann, P.**, del Brito, M.M., Gawel, E., Groß, M., Haase, A., Lepenies, R., Otto, D., Schiller, J., Strunz, S., Thrän, D. (2021). "Making the COVID-19 crisis a real opportunity for sustainability". Forthcoming in *Sustainability Science*.
- [2] Gawel, E., **Lehmann, P.**, Purkus, A., Söderholm, P., Strunz, S. (2021). "Security of Supply as a Political Bargaining Issue: Why Germany Opted Against Capacity Markets". Forthcoming in *Energy Research & Social Science*.
- [3] Strunz, S., Gawel, E., **Lehmann, P.** (2021). "Analyzing the ambitions of renewable energy policy in the EU and its Member States". Forthcoming in *Energy Policy*.
- [4] Grafström, J., Söderholm, P., Gawel, E., **Lehmann, P.**, Strunz, S. (2021). "Government Support to Renewable Energy R&D: Drivers and Strategic Interactions among EU Member States". *Economics of Innovation and New Technology*, <https://doi.org/10.1080/10438599.2020.1857499>.
- [5] **Lehmann, P.**, Ammermann, K., Gawel, E., Geiger, C., Hauck, J., Heilmann, J., Meier, J.-N., Ponitka, S., Schicketanz, S., Stemmer, B., Tafarte, P., Thrän, D., Wolfram, E. (2021). „Managing spatial sustainability trade-offs: The case of wind power“. *Ecological Economics* 185, Article 107029.
- [6] **Lehmann, P.**, Ammermann, K., Gawel, E., Geiger, C., Hauck, J., Heilmann, J., Meier, J.-N., Ponitka, S., Schicketanz, S., Stemmer, B., Tafarte, P., Thrän, D., Wolfram, E. (2021). „Expertinnen und Experten uneinig: Nach welchen Kriterien soll der Windenergieausbau in Deutschland räumlich verteilt werden?“. *Natur und Landschaft* 96(5), 237-244.

**2020**

- [7] Gawel, E., **Lehmann, P.** (2020). "Killing Two Birds with One Stone? Green Dead Ends and Ways Out of the COVID-19 Crisis". *Environmental and Resource Economics* 76, 504-507.
- [8] Habermacher, F., **Lehmann, P.** (2020). "Commitment vs. Discretion in Climate and Energy Policy". *Environmental and Resource Economics*, 76(1), 39-67.
- [9] Lauf, T., Ek, K., Gawel, E., **Lehmann, P.**, Söderholm, P. (2020). "The Regional Heterogeneity of Wind Power Deployment: An Empirical Investigation of Land-use Policies in Germany and Sweden". *Journal of Environmental Planning and Management*, 63(4), 751-778.

**2019**

- [10] Tafarte, P., **Lehmann, P.** (2019). "Trade-Offs associated with the spatial allocation of future onshore wind generation capacity – a case study for Germany". *Proceedings of the 16th International Conference on the European Energy Market (EEM)*, DOI: 10.1109/EEM.2019.8916287.

[11] Gawel, E., **Lehmann, P.** (2019). "Should Renewable Energy Policy Be 'Renewable'?". *Oxford Review of Economic Policy*, 35(2), 218-243.

[12] **Lehmann, P.**, Sijm, J., Gawel, E., Strunz, S., Chewpreecha, U., Mercure, J.-F., Pollitt, H. (2019). "Addressing multiple externalities from electricity generation: A case for EU renewable energy policy beyond 2020?" *Environmental Economics and Policy Studies* 21(2), 255-283.

## 2018

[13] **Lehmann, P.**, Söderholm, P. (2018). "Can Technology-Specific Deployment Policies Be Cost-Effective? The Case of Renewable Energy Support Schemes". *Environmental and Resource Economics* 71(2), 475-505.

[14] Strunz, S., Gawel, E., **Lehmann, P.**, Söderholm, P. (2018). "Policy convergence as a multi-faceted concept: The case of renewable energy policies in the EU". *Journal of Public Policy* 38(3), 361–387.

[15] Gawel, E., **Lehmann, P.**, Strunz, S., Heuson, C. (2018). "Public Choice barriers to efficient climate adaptation – Theoretical insight and lessons learned from German flood disasters". *Journal of Institutional Economics* 14(S3), 473-499.

## 2017

[16] Gawel, E., **Lehmann, P.**, Purkus, A., Söderholm, P., Witte, K. (2017). "Rationales for technology-specific RES support and their relevance for German policy". *Energy Policy* 102, 16-26.

## 2016

[17] Strunz, S., Gawel, E., **Lehmann, P.** (2016). "The political economy of renewable energy policies in Germany and the EU". *Utilities Policy* 42, 33-41.

[18] Schaller, S., Jean-Baptiste, N., **Lehmann, P.** (2016). "Oportunidades y obstáculos para la adaptación urbana frente al cambio climático en América Latina. Casos de la Ciudad de México, Lima y Santiago de Chile". *EURE Revista de Estudios Urbano Regionales* 42(127): 257-278.

[19] Felgendreher, S., **Lehmann, P.** (2016). "Public Choice and Urban Water Pricing - Analytical Framework and Evidence from Peru". *Journal of Environment and Development* 25(1), 73-99.

## 2015

[20] **Lehmann, P.**, Brenck, M., Gebhardt, O., Schaller, S., Süßbauer, E. (2015). "Barriers and Opportunities for Urban Adaptation Planning: Analytical Framework and Evidence from Cities in Latin America and Germany." *Mitigation and Adaptation Strategies for Global Change* 20(1), 75-97.

- [21] Strunz, S., Gawel, E., **Lehmann, P.** (2015). "Towards a general "Europeanization" of EU Member States' energy policies?" *Economics of Energy & Environmental Policy* 4(2), 143-159.

## 2014

- [22] 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.
- [23] Creutzig, F., Goldschmidt, J.G., **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.“ *Renewable and Sustainable Energy Reviews* 38, 1015-1028.
- [24] Gawel, E., Strunz, S., Lehmann, P. (2014). „Wie viel Europa braucht die Energiewende?“ *Zeitschrift für Energiewirtschaft* 38(3), 163-182.
- [25] 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.

## 2013

- [26] **Lehmann, P.** (2013). "Supplementing an Emissions Tax by a Feed-in Tariff for Renewable Electricity to Address Learning Spillovers." *Energy Policy* 61, 635-641.
- [27] **Lehmann, P.**, Gawel, E. (2013). "Why Should Support Schemes for Renewable Electricity Complement the EU Emissions Trading Scheme?" *Energy Policy* 52(C), 597-607.
- [28] Gawel, E., Korte, K., **Lehmann, P.**, Strunz, S. (2013). "Effizient oder nicht effizient – das ist hier die Frage! Spielt Effizienz in der Energiewendepolitik wirklich keine Rolle.“ *GAiA* 22(1), 14-17.
- [29] Gawel, E., Purkus, A., Korte, K., **Lehmann, P.** (2013). „Förderung der Markt- und Systemintegration erneuerbarer Energien - Perspektiven einer instrumentellen Weiterentwicklung“. *Vierteljahreshefte für Wirtschaftsforschung* 82(3), 123-136.
- [30] Gawel, E., Strunz, S., **Lehmann, P.** (2013). „Polit-ökonomische Grenzen des Emissionshandels und ihre Implikationen für die klima- und energiepolitische Instrumentenwahl“. *Zeitschrift für Umweltpolitik und Umweltrecht* 36(4), 406-435.
- [31] Gawel, E., Strunz, S., **Lehmann, P.** (2013). "Germany's energy transition under attack. Is there an inscrutable German Sonderweg?" *Nature and Culture* 8(2), 121-133.

**2012 and earlier**

- [32] **Lehmann, P.** (2012). "Justifying a Policy Mix for Pollution Control: A Review of Economic Literature", *Journal of Economic Surveys* 26(1), 71-97.
- [33] **Lehmann, P.**, Creutzig, F., Ehlers, M.-H., Friedrichsen, N., Heuson, C., Hirth, L., Pietzcker, R. (2012). "Carbon Lock-Out: Advancing Renewable Energy Policy in Europe." *Energies* 5(2), 323-354.
- [34] Frondel, M., **Lehmann, P.**, Wätzold, F. (2012). "The Impact of Information on Landowners' Participation in Voluntary Conservation Programs – Theoretical Considerations and Empirical Evidence from Germany." *Land Use Policy* 29(2), 388-394.
- [35] Gawel, E., Korte, K., **Lehmann, P.**, Strunz, S. (2012). "Die deutsche Energiewende – ein Skandalon? Fehllalarm! Es drohen weder Planwirtschaft noch „Kosten-Tsunami“." *GAiA* 21(4), 278-283.
- [36] **Lehmann, P.**, Schleyer, C., Wätzold, F., Wüstemann, H. (2009). "Promoting Multifunctionality of Agriculture: An Economic Analysis of New Approaches in Germany." *Journal of Environmental Policy and Planning* 11(4), 315-332.

NON-REFEREED ARTICLES

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**2020**

Gawel, E., **Lehmann, P.** (2020). "Staatsprogramme gegen die Corona-Krise – eine Option für den Klimaschutz?". *Wirtschaftsdienst* 100(7), 510-515.

**2019**

Meier, J.-N., Bovet, J., Geiger, C., **Lehmann, P.**, Tafarte, P. (2019). „Fehlt im Klimapaket ein Flächenziel für die Windenergie an Land?“. *Wirtschaftsdienst* 99(12), 824-828.

Gawel, E., Strunz, S., **Lehmann, P.**, Purkus, A. (2019). "Towards a European Energy Transition? A Review of Current Policy Challenges and Scientific Debates". In: Gawel, E., Strunz, S., Lehmann, P., Purkus, A. (eds.), *The European Dimension of Germany's Energy Transition Opportunities and Conflicts*, Heidelberg: Springer, pp. 1-7.

**Lehmann, P.**, Gawel, E., Strunz, S. (2019). „EU Climate and Energy Policy Beyond 2020: Are Additional Targets and Instruments for Renewables Economically Reasonable?“. In: Gawel, E., Strunz, S., Lehmann, P., Purkus, A. (eds.), *The European Dimension of Germany's Energy Transition Opportunities and Conflicts*, Heidelberg: Springer, pp. 11-26.

Kunze, C., **Lehmann, P.** (2019). "The Myth of the Dark Side of the Energiewende". In: Gawel, E., Strunz, S., Lehmann, P., Purkus, A. (eds.), *The European Dimension of Germany's Energy Transition Opportunities and Conflicts*, Heidelberg: Springer, pp. 255-263.

Strunz, S., Gawel, E., Lehmann, P. (2019). „Between Energy Transition and Internal Market Agenda: The Impact of the EU Commission as a Distinct Energy Policy Actor“. In: Gawel, E.,

Strunz, S., Lehmann, P., Purkus, A. (eds.), *The European Dimension of Germany's Energy Transition Opportunities and Conflicts*, Heidelberg: Springer, pp. 413-430.

Lauf, T., Ek, K., Gawel, E., **Lehmann, P.**, Söderholm, P. (2019). „Wind Power Deployment as a Stressor for Ecosystem Services: A Comparative Case Study from Germany and Sweden”. In: Schröter, M., Bonn, A., Klotz, S., Seppelt, R., Baessler, C. (eds.), *Atlas of Ecosystem Services: Drivers, Risks, and Societal Responses*, Heidelberg: Springer, pp. 125-128.

**Lehmann, P.**, Gawel, E., Geiger, C., Korte, K., Meier, J.-N., Reutter, F., Tafarte, P. (2019). „Wie zielführend sind regionalisierte Ausschreibungen für die Windenergie?“ *Energiewirtschaftliche Tagesfragen* 69 (1/2), 88-92.

## 2017

**Lehmann, P.**, Gawel, E., Korte, K., Purkus, A. (2017). „20 Jahre EEG: Ist das Förderende für alte Anlagen ein Problem für die Energiewende?“ *Wirtschaftsdienst* 97(10), 727-732.

**Lehmann, P.**, Gawel, E., Purkus, A., Söderholm, P. (2017). „Ist eine technologiespezifische Erneuerbaren-Förderung wirklich ineffizient?“ *Energiewirtschaftliche Tagesfragen* 67(5), 19-24.

Gawel, E., Strunz, S., **Lehmann, P.** (2017). “Support policies for renewables. Instrument choice and instrument change from a Public Choice perspective”. In: Arent, D., Arndt, C., Miller, M., Tarp, F., Zinaman, O. (eds.), *The Political Economy of Clean Energy Transitions*, Oxford: Oxford University Press, pp. 80-99.

Gawel, E., Geißler, H., **Lehmann, P.** (2017). Erschwinglichkeit der Stromversorgung und Förderung erneuerbarer Energien – eine empirische Analyse für Deutschland. In: Großmann, K., Schaffrin, A., Smigiel, C. (eds.), *Energie und soziale Ungleichheit: Zur gesellschaftlichen Dimension der Energiewende in Deutschland und Europa*, Heidelberg: Springer, pp. 319-346.

## 2016

**Lehmann, P.**, Gawel, E., Korte, K., Reeg, M., Schober, D. (2016). „Sichere Stromversorgung bei hohen Anteilen volatiler Erneuerbarer: Was kann ein Strommarkt 2.0 leisten?“. *Wirtschaftsdienst* 96(5), 344-350.

## 2015

**Lehmann, P.**, Söderholm, P. (2015). „Technology-neutral or Technology-specific? Designing Support Schemes for Renewable Energies Cost-effectively“. *IAEE Energy Forum*, Antalya Special Issue 2015, 13-15.

**Lehmann, P.**, Brandt, R., Gawel, E., Heim, S., Korte, K., Löschel, A., Massier, P., Reeg, M., Schober, D., Wassermann, S. (2015). „Capacity payments to secure electricity supply? On the future of Germany's power market design“. *Energy, Sustainability and Society* 5, Article 15.



**Lehmann, P.**, Brandt, R., Gawel, E., Heim, S., Korte, K., Löschel, A., Massier, P., Reeg, M., Schober, D., Wassermann, S. (2015). „Braucht Deutschland jetzt Kapazitätzahlungen für eine gesicherte Stromversorgung?“ *Energiewirtschaftliche Tagesfragen* 65(1-2), 26-31.

## 2014

**Lehmann, P.**, Gawel, E., Strunz, S. (2014). „Abschied von europäischen Ausbauzielen für Erneuerbare? Eine fragwürdige Entscheidung“. *Zeitschrift für Umweltrecht* 25(4), 193-194.

**Lehmann, P.**, Strunz, S., Gawel, E., Korte, K. (2014). „EU-Energiepolitik nach dem Jahr 2020 - Vorteile eines Ziel- und Instrumentenmixes“, *Communications in GAiA* 23(1), 60-61.

Gawel, E., **Lehmann, P.** (2014). „Die Förderung der erneuerbaren Energien nach der EEG-Reform 2014“. *Wirtschaftsdienst* 94(9), 651-658.

Gawel, E., **Lehmann, P.**, Korte, K., Strunz, S., Bovet, J., Köck, W., Massier, P., Löschel, 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.

Gawel, E., **Lehmann, P.**, Korte, K., Strunz, S., Bovet, J., Köck, W., Massier, P., Löschel, A., Schober, D., Ohlhorst, D., Tews, K., Schreurs, M., Reeg, M., Wassermann, S. (2014). „Die Zukunft der Energiewende in Deutschland“. *Zeitschrift für Umweltrecht* 25(4), 219-225.

Gawel, E., **Lehmann, P.**, Korte, K., Strunz, S., Bovet, J., Köck, W., Massier, P., Löschel, 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, Article 15.

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 on Economics of Adaptation to Climate Change*, London: Routledge, pp. 27-55.

Strunz, S., Gawel, E., **Lehmann, P.** (2014). „On the Alleged Need to Strictly Europeanise the German Energiewende.“ *Intereconomics* 49(5): 244-250.

## 2012 and earlier

Gawel, E., Korte, K., **Lehmann, P.**, Strunz, S. (2012). „Kosten der Energiewende – Fakten und Mythen.“ *Energiewirtschaftliche Tagesfragen* 62(11), pp. 39-44.

Gawel, E., **Lehmann, P.** (2011). „Macht der Emissionshandel die Förderung erneuerbarer Energien überflüssig?“ *Energiewirtschaftliche Tagesfragen* 61(3), pp. 24-28.

Hansjürgens, B., **Lehmann, P.** (2009). „Instrumente in der deutschen Klimapolitik – Policy Mix oder Policy Mess?“ In: Beckenbach, F., Hampicke, U., Leipert, C., Meran, G., Minsch, J., Nutzinger, H.G., Pfriem, R., Weimann, J., Wirl, F., Witt, U. (eds.), *Diskurs Klimapolitik. Jahrbuch Ökologische Ökonomik* 6. Marburg: Metropolis, pp. 238-253.

**Lehmann, P.**, Langenbach, K., Braun, J. (2008). „Kraftstoff aus Biomasse - SunDiesel® der CHOREN Industries GmbH.“ In: von Abendroth, G., Dombrowsky, M., Hennings, D., Jähnig, S., Lotz, E.M., Sobótka, M., Stock, J., Ulbig, A., Wesner, P., Wittmann, T. (eds.), *Gemacht für die Zukunft – Kreislaufwirtschaft in der Unternehmenspraxis*. Hamburg: Murmann, pp. 110-123.

**Lehmann, P.** (2008). “CO<sub>2</sub>-Emissions Trading and Instrument Mix: An Economic Perspective”. In: Rodi, M. (ed.), *Emissions Trading in Europe: Review and Preview. Vol. 2 of the Proceedings of the Summer Academy „Energy and the Environment“*, Greifswald, 16-29 July 2006. Berlin: Lexxion, pp. 27-46.

**Lehmann, P.** (2008). “Klima- und Energiepolitik in Deutschland – Tun wir zu viel des Guten?” In: Creutzig, F., Goldschmidt, J.C. (eds.), *Energie, Macht, Vernunft – Der umfassendere Blick auf die Zukunft unserer Energieversorgung*. Aachen: Shaker, pp. 143-160.

**Lehmann, P.** (2006). “Book Review: The Institutional Economics of Market-based Climate Policy, by Edwin Woerdman”, *European Environment* 16(2), pp. 123-124.

#### MONOGRAPHS

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**Lehmann, P.**, Gawel, E., Jöhrens, J., Korte, K., Lambrecht, U. (2020). „Technologieneutralität im Kontext der Verkehrswende. Kritische Beleuchtung eines Postulats – Kurzfassung“. Studie im Auftrag für Agora Verkehrswende. [Kurzfassung](#). [Langfassung](#).

Gawel, E., Strunz, S., **Lehmann, P.**, Purkus, A. (eds.) (2019). „The European Dimension of Germany’s Energy Transition – Opportunities and Conflicts“. Heidelberg: Springer.

Gawel, E., **Lehmann, P.**, Purkus, A., Söderholm, P., Strunz, S. (2017). [„Political Economy of Safe-guarding Security of Supply with High Shares of Renewables - Review of Existing Research and Lessons from Germany“](#). *Energiforsk Report* 2017:441.

Reeg, M., Brandt, R., Gawel, E., Heim, S., Korte, K., **Lehmann, P.**, Massier, P., Schober, D., Wassermann, S. (2015). [„Kapazitätsmechanismen als Rettungsschirm der Energiewende? Zur Versorgungssicherheit bei hohen Anteilen fluktuierender Erneuerbarer“](#). *ENERGY-TRANS Discussion Paper* 1/2015.

**Lehmann, P.**, Brandt, R., Gawel, E., Heim, S., Korte, K., Löschel, A., Massier, P., Reeg, M., Schober, D., Wassermann, S. (2015). [„Braucht Deutschland jetzt Kapazitätzahlungen für eine gesicherte Stromversorgung?“/„Capacity payments to secure electricity supply? On the future of Germany’s power market design“](#). *ENERGY-TRANS Policy Brief* 1/2015.

Anthony, C., Beskow, S., Dornelles, F., Fushita, A., Galharte, C., Galvão, P., Gatti Junior, P., Gücker, B., Hildebrandt, A., Karthe, D., Knillmann, S., Kotsila, P., Krauze, K., Leal Silva, A., **Lehmann, P.**, Moura, P., Periotto, N., Rodrigues Filho, J., dos Santos, D., Selge, F., Silva, T., Soares, R., 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“](#). *Science Policy Report*. Rio de Janeiro/Berlin/Halle: Academia

Brasileira de Ciencias/Die Junge Akademie/German National Academy of Sciences Leopoldina.

Gawel, E., **Lehmann, P.**, Korte, K., Strunz, S., Bovet, J., Köck, W., Massier, P., Löschel, A., Schober, D., Ohlhorst, D., Tews, K., Schreurs, M., Reeg, M., Wassermann, S. (2014). [„Die Zukunft der Energiewende in Deutschland“/„The Future of the energy transition in Germany“](#). *ENERGY-TRANS Policy Brief 2/2014*.

Heuson, C., Gawel, E., Gebhardt, O., Hansjürgens, B., **Lehmann, P.**, Meyer, V., Schwarze, R. (2012). [“Fundamental Questions on the Economics of Climate Adaptation - Outlines of a New Research Programme.”](#) *UFZ Report 05/2012*, Helmholtz-Centre for Environmental Research – UFZ, Leipzig, 2012

Heuson, C., Gawel, E., Gebhardt, O., Hansjürgens, B., **Lehmann, P.**, Meyer, V., Schwarze, R. (2012). [“Ökonomische Grundfragen der Klimaanpassung - Umriss eines neuen Forschungsprogramms.”](#) *UFZ Bericht 02/2012*, Helmholtz-Centre for Environmental Research – UFZ, Leipzig, 2012.

**Lehmann, P.** (2011). [“Using Prices to Address the Affordability of Urban Water Supply – Options and Limits”](#). *UFZ Discussion Paper 10/2011*, Helmholtz-Centre for Environmental Research – UFZ, Leipzig.

**Lehmann, P.** (2010). [“Combining Emissions Trading and Emissions Taxes – Implications for Efficiency”](#). *UFZ Discussion Paper 4/2010*, Helmholtz-Centre for Environmental Research – UFZ, Leipzig.

**Lehmann, P.** (2010). [“Using a Policy Mix to Combat Climate Change – An Economic Evaluation of Policies in the German Electricity Sector”](#). *PhD Dissertation 04/2010*. Leipzig: Helmholtz-Centre for Environmental Research – UFZ.

**Lehmann, P.**, Schröter-Schlaack, C. (2008). [“Regulating Land Development Control with Tradable Permits: What Can We Learn from Air Pollution Control?”](#) *Working Paper No. 72*, Faculty of Economics and Business Administration, University of Leipzig, 2008.

**Lehmann, P.** (2005). [“An Economic Evaluation of the U.S. Conservation Reserve Program”](#), *UFZ Discussion Paper 1/2005*, Helmholtz-Centre for Environmental Research – UFZ, Leipzig.

#### MEDIA COVERAGE, GUEST COLUMNS, SCIENCE BLOGS

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[„Where to build new Wind Turbines in Germany? Lowest cost vs residents and nature”](#) (by Nieber, A., Lehmann, P.), *Energypost*, 11 June 2021.

„Eine Koalition der Willigen könnte den Anfang machen“. Interview in *Energiewirtschaftliche Tagesfragen* 71(1/2), 58-60.

[„Sachverständige für neue Erneuerbaren-Planungsstruktur“](#), *Tagesspiegel Background*, 25 February 2021.

[„Windkraft droht Teufelskreis“](#) (by Hanke, S.), Tagesspiegel Background, 6 January 2021.

[„UFZ-Ökonom Dr. Paul Lehmann im REAL TALK des DKK: Wissenschaft zu Corona und Klima“](#), 4 December 2020

[„Ökologie und Energiewende“](#), part of the FONA series „Köpfe der Zukunft“, 3 December 2020.

[„Land in Sicht für die Windenergie?“](#) (by Lehmann, P., Meier, J.-N., Meya, J.), Tagesspiegel Background, 5 October 2020.

[„Zum Kohleausstieg in Sachsen“](#), Radio für Kopfhörer – Podcast Mephisto 97.6, 3 July 2020.

[„Killing two birds with one stone? Green dead ends and ways out of the coronavirus crisis“](#) (by Gawel, E., **Lehmann, P.**), Corona Sustainability Compass, German Environmental Protection Agency, 18 May 2020.

[„Auf einen Kaffee mit Umweltökonom Paul Lehmann“](#), Wissenschaftspodcast Universität Leipzig, 24 April 2020.

[„Grüne Irr- und Auswege aus der Coronakrise“](#) (by Gawel, E., **Lehmann, P.**), Tagesspiegel Background, 22 April 2020.

[„Friedrich Merz: Warum seine Ansichten nicht mehr in unsere Zeit passen“](#) (by Marquart, O.), Watson, 29 February 2020.

[„Verbot des Verbrenners – Ökologische Denkfabrik kritisiert Idee der Grünen“](#) (by Wetzel, D.), Welt Online, 24 January 2020.

[„Warum es sich lohnt, Batterieantriebe zu fördern“](#) (by Kugoth, J.), Tagesspiegel Background, 22 January 2020.

[„Kohlefahrplan gefährdet Klimaziel“](#) (by Zaremba, N.), Tagesspiegel Background, 20 January 2020.

[„Nie wieder Flugscham“](#) (by Meller, L.), Luhze, 17 January 2020.

[„Das Rad neu erfinden“](#) (by Klaaßen, L.), Helmholtz Perspektiven 04/2019, pp. 26-29.

[„Windrad sucht Standort“](#) (by Nieber, A., **Lehmann, P.**, Geiger, C., Meier, J.-N., Tafarte, P., Wolfram, E.), Katapult Magazin 4/2019, pp. 23-31.

[„Diess holt sich Abfuhr bei Politik und Wissenschaft“](#) (by Kugoth, J.), Tagesspiegel Background, 14 March 2019.

[„Gegen eine voreilige Regionalisierung von Ausschreibungen für Windenergie“](#) (by **Lehmann, P.** and Gawel, E.), Tagesspiegel Background, 4 November 2018.

„Alte Windkraftanlagen gehen in drei Jahren vom Netz – 20 Jahre EEG“ (by Gienke, Eckardt), dpa, 31 October 2017, shared by [Wirtschaftswoche](#) and [ZDF](#).

[„Eine umweltverträgliche Energiewende – durch intelligente Förderung und Planung“](#) (by Lehmann, P.), Tagesspiegel Background, 20 September 2017.

[„Erneuerbare Energien in Europa: Konvergenz der staatlichen Förderung?“](#) (by Strunz, S., Gawel, E., **Lehmann, P.**), Blog SciLogs, 23 May 2017.

[„Sichere Stromerzeugung bei hohen Anteilen volatiler Erneuerbarer“](#) (by Gawel, E., **Lehmann, P.**, Korte, K.), Earth System Knowledge Platform (ESKP), January 2017.

[„Wird die Energiewende ungerecht organisiert?“](#) (by Gawel, E., **Lehmann, P.**, Korte, K.), Earth System Knowledge Platform (ESKP), January 2017.

[„Nestlé's Geschäft mit dem Wasser“](#) (by Eisele, I.), LVZ Online, 2 February 2016.

[„Von Wüsten umgeben“](#) (by Endres, A.), Die Zeit, 12 November 2015.

[„Jetzt keine Kapazitätzahlungen für Kohle- und Gaskraftwerke!“](#) (by **Lehmann, P.**) Dialog.Energie.Zukunft, 20 April 2015.

[„The myth of the dark side of the Energiewende“](#) (by Kunze, C., **Lehmann, P.**), energypost, 17 February 2015.

[„Scrapping EU renewable targets after 2020 makes no sense“](#) (by Gawel, E., **Lehmann, P.**, Strunz, S.), The Conversation, 23 January 2014.

[„EU Energiepolitik: Ein zahnloser Tiger“](#) (Interview by M. Trinkaus), 23 January 2014.

[„Abschied von europäischen Ausbauzielen für Erneuerbare? Eine ökonomisch fragwürdige Entscheidung“](#) (by **Lehmann, P.**, Gawel, E., Strunz, S.), Blog SciLogs, 21 January 2014.

[„Energiewende: Das taugt Gabriels Öko-Plan“](#) (by Diekmann, F.). Spiegel Online, 21 January 2014.

[„Es geht nicht nur um Klimaschutz! Der Vorschlag von BusinessEurope für die europäische Energie- und Umweltpolitik im Jahr 2030 greift zu kurz“](#) (by **Lehmann, P.**, Gawel, E., Strunz, S.), Blog SciLogs, 1 July 2013.

[„Limeños deberán pagar casi el doble por el agua“](#) (by La Hoz, K.), Publimetro, 17 April 2013.

[„Die Erneuerbaren müssen weiter gefördert werden“](#) (by Gawel, E., **Lehmann, P.**), Zeit Online, 25 January 2012.

[„Schlapper Emissionshandel – Klimasünde zum Preis einer Pizza“](#) (by Diekmann, F.). Spiegel Online, 18 December 2011.

[„Carwash goes waterless in Peru“](#) (by Mapstone, N.). Financial Times Online, beyondbrics, 25 October 2011.

[„Industriestaaten müssen Entwicklungsländern das Wasser zahlen“](#) (Interview by Bassenge, J.-P.). Berliner Zeitung, 29 October 2010.

[“Der Markt kann's nicht richten”](#) (by Gawel, E., **Lehmann, P.**). Financial Times Deutschland, 27 October 2010.

#### SELECTED TALKS AND PRESENTATIONS

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26<sup>th</sup> Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Berlin (Germany), 2021.

25<sup>th</sup> Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Berlin (Germany), 2020.

16th European Conference of the International Association of Energy Economics (IAEE), Ljubljana (Slovenia), 2019.

24th Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Manchester (United Kingdom), 2019

Conference “Verkehrsökonomik und –politik”, Berlin (Germany), 2019

German Society of Environmental and Resource Economists, Münster (Germany), 2018

Department of Economics, University of Hamburg (Germany), 2017

15th European Conference of the International Association of Energy Economics (IAEE), Vienna (Austria), 2017

23rd Annual Conference of the European Association of Environmental and Resource Economists (EAERE), Athens (Greece), 2017.

Department of Economics, Christian-Albrechts-Universität zu Kiel (Germany), 2017.

envecon 2017: Applied Environmental Economics Conference, London (UK), 2017

Institute for New Economic Thinking, University of Oxford (UK), 2016

Department of Business Administration, Economics, and Law, Carl-von-Ossietzky-Universität Oldenburg (Germany), 2016

38th International Conference of the International Association of Energy Economics (IAEE), Antalya (Turkey), 2015

14th European Conference of the International Association of Energy Economics (IAEE), Rome (Italy), 2014

13th European Conference of the International Association of Energy Economics (IAEE), Düsseldorf (Germany), 2013

World Water Week, Stockholm (Sweden), 2011

7th Annual Conference of the German Economic Association, Research Committee Development Economics, Berlin (Germany), 2011

9th International Conference of the European Society for Ecological Economics (ESEE), Istanbul (Turkey), 2011

Berlin Conference on the Human Dimensions of Global Environmental Change, Berlin (Germany), 2010

11th European Conference of the International Association of Energy Economics (IAEE), Vilnius (Lithuania), 2010

11th Biennial Conference of the International Society for Ecological Economics (ISEE), Oldenburg/Bremen (Germany), 2010

Department of Environmental and Resource Economics, Centre for European Economic Research (ZEW), Mannheim (Germany), 2010

Annual Meeting of the German Economic Association (Verein für Socialpolitik, VfS), Magdeburg (Germany), 2009

17th Annual Conference of the European Association of Environmental and Resource Economics (EAERE), Amsterdam (The Netherlands), 2009

Centre for Energy Policy and Economics, ETH Zürich (Switzerland), 2009

14th Ulvön Conference on Environmental Economics, Ulvön (Sweden), 2007

7th International Conference of the European Society for Ecological Economics (ESEE), Leipzig (Germany), 2007

Resources for the Future, Washington, DC (USA), 2005

#### THIRD-PARTY FUNDING

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11/2020 – 04/2022 Partner in the project „Grüne Konjunktur- und Investitionsprogramme“, funded by the German Environmental Protection Agency (UBA), in cooperation with UFZ, budget University of Leipzig: €29.696 Euro.

06/2020 – 01/2022 Partner in the project „Dezentrale Energiewende zwischen sozialer Gerechtigkeit, Systemkosten und Umweltschutz – Zielkonflikte und Lösungsstrategien“, funded by the German Ministry of Economics and Energy (BMWi), in cooperation with Germanwatch, Stiftung

Wissenschaft und Politik and Öko-Institut, budget University of Leipzig: €48,000.

- 12/2019 – 11/2022 Partner in the project “Berücksichtigung von biologischer Vielfalt und ökosystemarer Funktionsweise als Basis für eine nachhaltige Windenergieproduktion im Wald“, funded by Deutsche Bundesstiftung Umwelt (DBU), in cooperation with Philipps-Universität Marburg and Leibniz-Institut für Zoo- und Wildtierforschung, budget University of Leipzig: €33,000.
- 09/2017 – 08/2022 Coordination of the Junior Research Group „Sustainable Deployment of Renewable Energies with Multiple Environmental Impacts – Policy Strategies to Mitigate Ecological Trade-offs of the Energy Transition“, funded by the German Ministry of Education and Research (BMBF) within the context of the Socio-ecological Research Programme, budget: €1,880,000.
- 12/2018 – 08/2019 Coordination of the project “Kritische Beleuchtung des Konzepts der Technologie-neutralität im Kontext der Verkehrswende“, funded by Agora Verkehrswende, in cooperation with Institut für Energie- und Umweltforschung Heidelberg (ifeu), budget: €80,000
- 09/2016 – 04/2017 Coordination of the project “The Political Economy of Safe-guarding Security-of-supply with High Shares of Renewables – Synthesis of Existing Research and Lessons from the German Case“, funded by Energiforsk, in cooperation with the Technical University Luleå (Sweden), budget UFZ: €30,000.
- 09/2011 – 08/2016 Coordination of the project "Regulation and Incentives" as part of the Helmholtz-Alliance ENERGY-TRANS "Future infrastructures for meeting energy demands. Towards sustainability and social compatibility" ([www.energy-trans.de](http://www.energy-trans.de)), funded by the Helmholtz Association, in cooperation with Centre for European Economic Research (ZEW), German Aerospace Centre (DLR) and Forschungszentrum Jülich (FZJ), budget UFZ: €812,000.
- 06/2008 – 12/2013 Coordination of the subproject “Economic Evaluation of Water Pricing Options” as part of the project “Sustainable Water and Wastewater Management in Urban Growth Centres Coping with Climate Change - Concepts for Lima Metropolitana (Perú) - (LiWa) ([www.lima-water.de](http://www.lima-water.de)), funded by the German Ministry of Education and Research (BMBF), in cooperation with the Universities of Magdeburg, Stuttgart and Ostfalia, budget UFZ: €283,385.
- 08/2009 – 10/2009 Coordination of the project “Gutachten zu Perspektiven der wirtschaftswissenschaftlichen Forschung zum Klimawandel“ (Assessment on perspectives for economic research on climate



change), funded by the German Ministry of Education and Research (BMBF), budget: €18,200.

09/2004 – 08/2005 Partner in the project “Capitalisation of Research Results on the Multifunctionality of Agriculture and Rural Areas (MULTAGRI)”, funded by the European Union, FP6 - Specific Support Action.

#### AWARDS AND SCHOLARSHIPS

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- Rank 2, Associate Professor (W2), Fachgebiet Allgemeine Volkswirtschaftslehre - Schwerpunkt Nachhaltigkeit, Umweltökonomie und Umweltpolitik, Hochschule für Technik und Wirtschaft, Berlin (07/2016)
- Research Scholarship, Deutsche Forschungsgemeinschaft, University of Oxford, 2016
- Job offer, Assistant Professor in Environmental and Resource Economics, University of Southern Denmark, Esbjerg (Dänemark) (10/2014, declined)
- Körber Foundation, Deutscher Studienpreis Shortlist, 2012
- Wladimir-Peter-Köppen-Preis for outstanding dissertations in climate research, Shortlist, 2011
- Luther Certificate for Summa cum laude Dissertations, Martin-Luther-University Halle-Wittenberg, 2010
- Stiftung der Deutschen Wirtschaft Doctoral Fellowship, Helmholtz-Centre for Environmental Research – UFZ, 2006-2009
- Dresdner Bank Stiftung Research Fellowship, Resources for the Future (RFF), Washington, DC (USA), 2005
- ERASMUS Scholarship, Deusto University, San Sebastián (Spain), 2000-2001

#### MEMBERSHIPS

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- European Association of Environmental and Resource Economists (EAERE)
- International Association for Energy Economics (IAEE)
- Verein für Socialpolitik (VfS), Ausschuss für Umwelt- und Ressourcenökonomik (AURÖ)

#### REVIEWER

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Ecological Economics ▪ Ecology and Society ▪ Economics of Energy and Environmental Policy  
▪ Energies ▪ Energy Economics ▪ Energy Journal ▪ Energy Policy ▪ Energy Research and Social  
Science ▪ Energy, Sustainability and Society ▪ Environmental Policy and Governance  
(formerly: European Environment) ▪ Environmental and Resource Economics ▪ Climate Policy  
▪ GAIA ▪ Journal of Economic Dynamics and Control ▪ Journal of Environment and  
Development ▪ Journal of Environmental Economics and Management ▪ Journal of  
Environmental Management ▪ Journal of Environmental Policy and Planning ▪ Journal of the  
Association of Environmental and Resource Economists ▪ Land Use Policy ▪ Nature and  
Culture ▪ Resource and Energy Economics ▪ Utilities Policy ▪ Wiley Interdisciplinary Reviews:  
Climate Change

German Research Foundation (DFG) ▪ German Federal Ministry of Education and Research  
(BMBF) ▪ Volkswagenstiftung ▪ German Federal Environmental Foundation (DBU) ▪ German  
Advisory Council on the Environment (SRU)

TEACHING

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**Lectures**

Summer terms 2019, 2020, 2021	Master Module “Neue Institutionenökonomik” (New Institutional Economics), University of Leipzig (4 hours per week)
Winter terms 2019/20, 2020/21	Seminar “Integration Module”, in the Joint Master Program “Sustainable Development”, University of Leipzig (2 hours per week)
Winter terms 2014/15, 2015/16, 2018/19, 2019/20, 2020/21	Lecture „Economics“ in the Joint Master Program “Sustainable Development”, University of Leipzig (2 hours per week).
Summer terms 2011, 2012, 2013, 2017, 2018	Master Module “Umweltökonomik und Umweltpolitik” (Environmental Economics and Policy), University of Leipzig (4 hours per week)

Several guest lectures at Humboldt-University Berlin (Germany), Brandenburg University of Technology Cottbus (Germany), Ernst-Moritz-Arndt-University Greifswald (Germany), Martin-Luther-University Halle-Wittenberg (Germany), Universidad del Páccifico Lima (Peru), HIGRADE Graduate Program at the Helmholtz Centre for Environmental Research – UFZ Leipzig (Germany)

**Supervision**

PhD theses Charlotte Geiger, „Bewertung von Politikoptionen zur nachhaltigen räumlichen Steuerung des Ausbaus erneuerbarer Energien“ (Evaluation of policy options to regulate the deployment of renewable energy sources sustainably), University of Leipzig (Germany), ongoing.

Klaas Korte, “Elektrizitätsnetze in einem nachhaltigen Energiesystem: Eine institutionenökonomische Untersuchung politischer Steuerungsinstrumente für den Stromnetzsektor vor dem Hintergrund der energiepolitischen Zielsetzungen in Deutschland“ (Electricity grids in a sustainable energy system: An institutional economic analysis of policy instruments in the Germany power sector), University of Leipzig (Germany), ongoing.

Jan-Niklas Meier, „Koordination des nachhaltigen EE-Ausbaus im politischen Mehrebenensystem“ (Coordination of a sustainable deployment of renewable energy source in a system of multi-level policy“), University of Leipzig (Germany), ongoing.

Felix Reutter, „Ecological-economic analysis of policy options to manage wind power deployment with multiple environmental impacts“, University of Leipzig (Germany), ongoing.

- MSc theses
- Stephan Wiedekind, "Der Einfluss von Zielen und Vorgaben der Raumordnungsplanung auf den Ausbau der Windenergie in Deutschland", University of Leipzig (Germany), 2020.
- Alexander Morgan, „Evaluating policy mixes stimulating sustainability transitions: Promoting biomass boilers in Germany and the UK”, University of Leipzig (Germany), 2019.
- Maria Vogel, "Instrumente zum Abbau von Barrieren nachhaltigen Konsums – Eine Analyse von Geschäftsmodellen ausgewählter SEOs in Leipzig", University of Leipzig (Germany), 2019.
- Danny Freier, "Systemdienlicher Ausbau fluktuierender erneuerbarer Energien – Eine ökonomische Bewertung der technischen Möglichkeiten und des regulatorischen Rahmens in Deutschland", University of Leipzig (Germany), 2018.
- Frank Hirschi, "Rule-based vs. discretionary renewable energy policy", University of Leipzig (Germany), 2017.
- Helena Geißler, "Social implications of the German Energiewende – does the EEG cause affordability problems?", University of Leipzig (Germany), 2015.
- Katja Dreßler, „Versorgungssicherheit bei hohen Anteilen volatiler Erneuerbarer – Zur Rolle von Kapazitätsmärkten“ (Security of supply with high shares of volatile renewables – On the role of capacity mechanisms), University of Leipzig (Germany), 2015.
- Anne Kaiser, „Ökonomische Analyse von Fördermechanismen für erneuerbare Energien“ (Economic analysis of support schemes for renewable energies), Technical University of Dresden (Germany), 2014.
- Maja Henke, "Water Governance under Uncertainty. A Comparative Analysis of Risk Perception and Barriers to Adaptation in Lviv and Lima", University of Cologne (Germany), 2013.
- Simon Felgendreher, "The Political Economy of Water Pricing Reforms in Developing Countries – The Case of Peru", University of Uppsala (Sweden), 2012.
- Janet Karina Valverde Vilcara, "Water Tariffs in Developing Countries", Humboldt-University Berlin (Germany), 2009.
- BSc theses
- Erik Schmeiß, „Zentralere und dezentralere Varianten der Energiewende im Vergleich – Eine umweltökonomische Analyse der externen Effekte“, University of Leipzig, 2021.

Thorge Sass, „Umweltpolitische Instrumente für die Dekarbonisierung des individuellen Straßenverkehrs: Eine ökonomische Beurteilung am Beispiel des Umstiegs auf alternative Antriebstechnologien“, University of Leipzig (Germany), 2019.

Lauren Mityorn, “Payment Schemes for Ecosystem Services in Watershed Management - An Economic Analysis of Latin American Practice”, University of Cologne (Germany), 2012.

Thorsten Beck, “Kostenvergleich verschiedener Technologien der dezentralen Wasserversorgung aus Grund- und Oberflächengewässern“ (Comparison of technology costs for water supply from groundwater and surface water), University of Applied Sciences Leipzig, 2012.