

IP News & Highlights



IPBES Workshop – IPBES and Transformative Change



March 30/31, 2020

Within the UFZ/iDiv project "IPBES and its performance as reflexive, inter- and transdisciplinary interface for biodiversity research and policy", **Margarita Berg (NSF)**, **Leonie Büttner (UPOL)**, **Silke Beck (UPOL)**, **Heidi Wittmer (UPOL)** and **Kurt Jax (NSF)** organized the IPBES Workshop "IPBES and Transformative Change", which was attended by 22 participants from different countries and fields of expertise. Due to the COVID-19 pandemic, it was realized through online transmission.



Dr. Silke Beck

As an outcome of the workshop, there will be a statement of about five pages which will be linked to the scoping meeting of the IPBES Transformative Change Assessment. The Assessment will take place on April 21, 2020, and is supported by Silke Beck (UPOL).

Title of the statement: "Challenges and opportunities of assessing transformative change".

POSTPONED: Kick-Off PhD Cohort - INTERCEDE

Leipzig | 2020

As already published in our last newsletter, the candidates **Jonna Heuschele** (BZF – start: April 1, 2020), **Marta Bonato** (CLE – start: June 1, 2020) and **Dorian Nothaaß** (PHYDIV – start: May 1, 2020) have been selected for the PhD positions within the Cohort INTERCEDE.

Due to the pandemic, the official **kick-off** will take place in **September 2020**.

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Dorian Nothaaß



Marta Bonato



Jonna Heuschele

Successful completion of the project ALABAMA

The core project "ALABAMA" – **Aligning agent-based modelling with multi-objective land-use allocation** (former "MAGENTA"), was completed by submitting the paper to *Frontiers in Environmental Science* (special issue).

Research Highlights

Hanisch, M., Schweiger, O., Cord, A. F., Volk, M., Knapp, S. (accepted) Plant functional traits shape multiple ecosystem services, their trade-offs and synergies in grasslands. *Journal of Applied Ecology*.

Palliwoda, J., Banzhaf, E., Priess, J.A. – (paper 1, accepted) How do the green components of urban green infrastructure influence the use of ecosystem services? Examples from Leipzig, Germany.

[DOI : 10.1007/s10980-020-01004-w](https://doi.org/10.1007/s10980-020-01004-w)

Palliwoda, J., Banzhaf, E., Priess, J.A. – (paper 2 to be submitted to Ecol Soc) What do citizens value in urban green infrastructure? Linking spatial characteristics to users' perceptions of nature benefits and disturbances.

Paper within BonaRes - **Bartkowski et al.** (2020): Economic valuation of soil ES Potential of the economic valuation of soil-based ecosystem services to inform sustainable soil management and policy. <https://peerj.com/articles/8749/>

Kleemann, J., Schröter, M., Bagstad, K., **Kuhlicke, C.,** Kastner, T., Fridman, D., Schulp, C., Wolff, S., Martínez-López, J., Koellner, T., Arnhold, S., Martín-López, B., Marques, A., Lopez-Hoffman, L., Liu, J., Kissinger, M., **Guerra, C., Bonn, A.** (2020). Quantifying interregional flows of multiple ecosystem services -A case study for Germany. *Global Environmental Change*. [10.1016/j.gloenvcha.2020.102051](https://doi.org/10.1016/j.gloenvcha.2020.102051)

New Releases

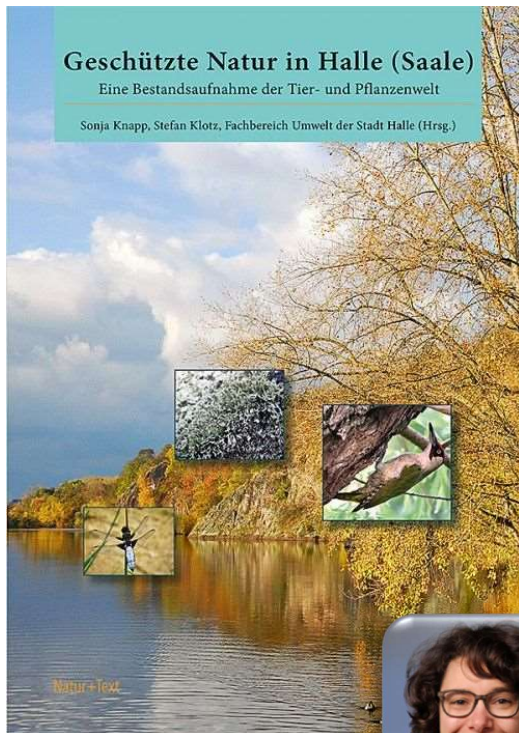
Ecological-economic modelling for biodiversity and conservation

This book provides an overview on concepts and approaches to ecological-economic modelling and illustrates these using numerous examples from the literature. Particular emphasis is placed on the linkages between ecological and economic concepts. Being intermediate both in terms of mathematical demand and conceptual thinking, it is accessible to a wide readership.



Prof. Dr. Martin Drechsler (OESA)





Geschützte Natur in Halle (Saale)

Urban nature offers space for recreation, fresh air axes, unsealed flood plains, cooling on hot days and the opportunity to experience animals and plants in our everyday lives. The planning of protected areas at the beginning of the 1990s included an "inventory" of the animal and plant species in the areas already protected or designated as protected areas the areas provided for. How has biodiversity developed since then? Are protection efforts successful? This book examines these questions. It presents the results of a new inventory in which the occurrences of weaver spiders, dragonflies, grasshoppers and grasshoppers, cicadas, bugs, beetles, moths, amphibians, reptiles, birds, bats, fungi, lichens, mosses and vascular plants in the Halle conservation areas were examined between 2015 and 2017.



Dr. Sonja Knapp (BZF)



Dr. Stefan Klotz (BZF)