

IP News & Highlights

THINKCAMP Citizen Science

On March 24th/25th, 2019, the ThinkCamp Citizen Science@Helmholtz took place in Berlin (Museum für Naturkunde). There, experts exchanged on Citizen Science & Technology / Smart Mobile Sensors, Citizen Science & Data Infrastructure, Citizen Science & Project Management / Participant Acquisition, Citizen Science & Student Laboratories. In addition, a panel discussion took place in which Otmar Wiestler (President of the Helmholtz Association), Johannes Vogel (Director Museum für Naturkunde) and Josef Settele (UFZ) discussed the topic **“Citizen Science – What is the innovation potential”**.



FONA – „Forschung für Nachhaltige Entwicklung“

From May 13th to 14th 2019, the 15th BMBF Forum for Sustainability took place in Berlin as part of the Research Initiative for the Preservation of Biodiversity – Research of the Future. 500 experts, including **Aletta Bonn** and **Bernd Hansjürgens**, not only discussed the global ecological challenges but also addressed the possibilities of mastering them.

First Global Assessment Report on Biodiversity and Ecosystem Services since 2005

Representatives of 130 governments presented and discussed a definitive new global synthesis of the state of nature, ecosystems and nature's contributions to people (April 29th-May 4th, 2019 in Paris). It was the first global assessment ever to systematically examine and include indigenous and local knowledge, issues and priorities.

Josef Settele as co-chair of the Global Assessment “Biodiversity and Ecosystems” and **Ralf Seppelt** as a leading author of the chapter “Scenarios and paths to a sustainable future”, reported on the state of biodiversity and ecosystem services worldwide.



Call for papers

EKLIPSE & ALTER-NET – Call for co-design of the EU Biodiversity Strategy 2020

They call on groups and initiatives working on the EU post-2020 Biodiversity Strategy to join forces to build a strong movement among the Biodiversity community to participate in the development of the EU post 2020 Biodiversity Strategy (Task Force “Movement”). This call will invite the scientific, the policy and society communities to contribute to a series of events.

http://www.eklipse-mechanism.eu/post2020_request

Research Highlights

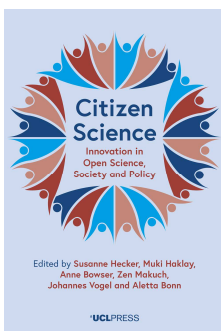
WP3: Effects of land use intensification on biodiversity and yields

Beckmann, M., Gerstner, K., Akin-Fajiye, M. Ceausu, S., Kambach, S., Kinlock, N.L., Phillips, Helen R. P., Verhagen, W., Gurevitch, J., **Klotz, S.**, Newbold, T., Verburg, P.H., **Winter, M.**, **Seppelt, R.** (2019). Conventional land-use intensification reduces species richness and increases production: A global meta-analysis. *Global Change Biology*, 25 (6), 1941-1956. [10.1111/gcb.14606](https://doi.org/10.1111/gcb.14606)

WP4: Synthesis of concepts and analyses, outreach and engagement in a science-policy dialogue

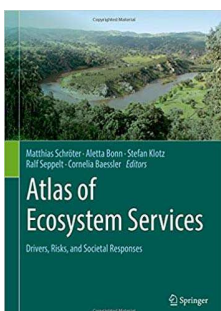
Förster, J., Schmidt S., **Bartkowski B.**, Lienhoop N., Albert C., **Wittmer H.** (2019). Incorporating environmental costs of ecosystem service loss in political decision making: A synthesis of monetary values for Germany. *PLoS ONE* 14(2) [10.1371/journal.pone.0211419](https://doi.org/10.1371/journal.pone.0211419)

Books



Citizen Science: Innovation in open science, society and policy – a new open access book. (Edited by: Susanne Hecker, Muki Haklay, Anne Bowser, Zen Makuch, Johannes Vogel, Aletta Bonn – foreword by Carlos Moedas).

This book identifies and explains the role of citizen science within innovation in science and society, and as a vibrant and productive science-policy interface. Available at www.uclpress.co.uk/products/107613



Atlas of Ecosystem Services: Drivers, Risks, and Societal Responses (Edited by: Matthias Schröter, Aletta Bonn, Stefan Klotz, Ralf Seppelt, Cornelia Baessler).

This atlas begins with conceptual background and proceeds to present drivers and their risks for ecosystems, their functions and services, and biodiversity. Available at www.springer.com/gp/book/9783319962283