

GATERSLEBEN LECTURE



Speaker: **Prof. Dr. Josef Settele**
Helmholtz-Centre for Environmental
Research (UFZ), Halle/Saale, Germany



Picture: André Künzelmann/UFZ

Title: ***Biodiversity and Ecosystem Services:
Insights from IPBES and IPCC
Intergovernmental Processes***

Time: **Wednesday, April 20, 2022, 2 pm**

Place: VCS Zoom: Meeting-ID: 875 4377 5255 Kenncode: 582020
<https://ipk-gatersleben-de.zoom.us/j/87543775255?pwd=QWNIMFB1K09CZG8xbTNqbVp0aTN4Zz09>

Skype for Business: <https://ipk-gatersleben-de.zoom.us/skype/87543775255>

Abstract:

One million species are threatened with extinction, more than ever before in human history, according to the Global Assessment of IPBES (Intergovernmental science-policy Platform on Biodiversity and Ecosystem Services), which was accepted by the platforms plenary in May 2019. Ecosystems, species, wild populations, local varieties and breeds of domesticated plants and animals are shrinking, deteriorating or vanishing. This loss is a direct result of human activity and constitutes a direct threat to human well-being in all regions of the world. In descending order, the main direct drivers responsible for nature's decay are land- and sea-use change, direct exploitation of organisms, climate change, pollution, and invasive, alien species. Behind these are the indirect drivers which relate to our society and where a transformative change is needed in order to safeguard our and our childrens' future

Josef Settele, who co-chaired the assessment report together with Sandra Diaz (Argentina) and Eduardo Brondizio (Brazil/USA), will present some of its main outcomes and also share some insights on the process and the uptake so far. He will also refer to previous experiences in the IPCC (Intergovernmental Panel on Climate Change), where until 2016 he was Coordinating Lead Author of the 5th Assessment Report and in the IPBES-IPCC co-sponsored workshop report on biodiversity and climate change, published in 2021, which he co-authored.

Short CV:

Josef (Sepp) works at the UFZ – Helmholtz Centre for Environmental Research in Halle/Germany, where he heads the Department of Conservation Biology and Social-Ecological Systems. He holds a PhD in agriculture, based on agro-ecological research on biocontrol in tropical irrigated rice systems and is professor of ecology at the Martin-Luther-University of Halle-Wittenberg.

Before being co-chair of the Global Assessment of IPBES from 2016 to 2019, he was part of the Asia-Pacific and the Pollination Assessment. He also was Coordinating Lead Author of the 5th Assessment Report of Intergovernmental Panel on Climate Change – IPCC, and co-author of the IPBES-IPCC co-sponsored workshop report on biodiversity and climate change, published in 2021. Since July 2020 he is member of the “German Advisory Council on the Environment” of the German government.

His research focusses on the interface of land use, climate and biological diversity. He is highly cited researchers in Web of Science. He was and is coordinating major national and international inter- and transdisciplinary research projects.

Starting in June 2021 he is coordinator of SPRING: “Strengthening Pollinator Recovery through Indicators and monitoring” – a Preparatory Action for EU Pollinator Monitoring Scheme and Indicator (ENV/2020/OP/0040)

Prof. Dr. Nils Stein (Organizer and Host)