

The IPBES Global Assessment of Biodiversity and Ecosystem Services - a call for transformative change

Josef Settele

Helmholtz Centre for Environmental Research, UFZ, Department of Community Ecology, Germany

German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig, Germany

Institute of Biological Sciences, University of the Philippines Los Baños, College, Philippines

One million species are threatened with extinction, more than ever before in human history, according to the Global Assessment of IPBES, 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 Global Assessment 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.