

ÖAW

AUSTRIAN
ACADEMY OF
SCIENCES



**OEAW-BOKU-IIASA-NHM JOINT FESTIVE SYMPOSIUM
ON THE OCCASION OF THE 80TH BIRTHDAY OF W.M. GERHARD GLATZEL**

LAND USE ECOLOGY

TUESDAY, NOVEMBER 19, 2019

2:00–8:00 PM

**NATURAL HISTORY MUSEUM, LECTURE HALL
MARIA-THERESIEN-PLATZ, 1010 VIENNA**

PROGRAM

Our lives are closely embedded in natural ecosystem processes. Humans have always interfered with ecosystem dynamics, but rising human population growth and unprecedented technical progress over the past decades have turned many ecosystems into man-made systems, for instance by converting woodland into farmland on a large scale, or, more dramatically, into shopping centres and parking lots.

Many systems have been changed beyond the tipping point, where system restoration is practically impossible. This is alarming, given the fact that we still do not entirely understand how ecosystems work and how they are embedded in global cycles. We accept only reluctantly scientific knowledge on how much our lives and the lives of our children depend on linked global natural processes and functioning ecosystems.

The festive symposium on Land Use Ecology will focus on anthropogenic pressure on ecosystems and the ways in which they sustain human wellbeing, and will highlight the connections between these systems and various current societal challenges. Renowned international experts will discuss the need for systems-based and interdisciplinary scientific approaches to provide solutions for sustainable land use.

SCIENTIFIC PART

2:00–2:15

Welcome addresses

Christian Köberl | Director General, Natural History Museum, Austria

Hubert Hasenauer | Rector, University of Natural Resources and Life Sciences, Austria

2:15–2:45

Gene Likens | Founding Director and President Emeritus, Cary Institute of Ecosystem Studies and University of Connecticut, Storrs, CT, USA

Hubbard Brook: Lessons learned from long-term ecosystem studies

2:45–3:15

Marina Fischer-Kowalski | Founder and long-term director of the Institute of Social Ecology, University of Natural Resources and Life Sciences, Austria

Global use of natural resources

3:15–3:45

Christian Körner | Professor Emeritus, Department of Environmental Sciences, Plant Ecology and Evolution, University of Basel, Switzerland

Trees at the limit

3:45–4:15

Phero Karen Kgomotso | Regional Team Leader for Africa, Global Environmental Finance Unit, United Nations Development Programme, Africa Regional Hub, Ethiopia

Land degradation and rural poverty in Africa

4:15–4:45

COFFEE BREAK



FESTIVE PART

4:45–5:15

Opening of the ceremonial part of the symposium

Anton Zeilinger | President, Austrian Academy of Sciences, Austria

Albert van Jaarsveld | Director General and CEO, International Institute for Applied Systems Analysis, Austria

Pavel Kabat | Chief Scientist and Research Director, World Meteorological Organization, Switzerland

5:15–5:45

Laudatio

Reinhard Hüttl | Scientific Executive Director, GFZ German Research Centre for Geosciences, Germany

5:45–6:00

SURPRISE

6:00–6:15

Gerhard Glatzel | Professor Emeritus, University of Natural Resources and Life Sciences and Austrian Academy of Sciences, Austria

Reflections of an octogenarian

RECEPTION

(Upper Dome Hall, Natural History Museum)

ORGANIZERS

Austrian Academy of Sciences (OeAW)
University of Natural Resources and Life Sciences, Vienna (BOKU)
International Institute for Applied Systems Analysis, Laxenburg (IIASA)
Natural History Museum, Vienna (NHM)

ORGANIZING COMMITTEE

Prof. Dr. Torsten Berger, University of Natural Resources and Life Sciences
Dr. Viktor J. Bruckman, Austrian Academy of Sciences
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Prof. Dr. Klaus Katzensteiner, University of Natural Resources and Life Sciences
Prof. Dr. Christian Köberl, Natural History Museum and Austrian Academy of Sciences
Dr. Florian Kraxner, International Institute for Applied Systems Analysis
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REGISTRATION

Mandatory registration by November 12th at:
https://www.iiasa.ac.at/web/home/about/events/register/191119_Symposium_registration.html

Cover image: Agroforestry is a traditional sustainable land use system in Nepal. Copyright: Viktor J. Bruckman

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