



INTERNATIONAL SYMPOSIUM

**GLOBAL SUSTAINABLE
DEVELOPMENT GOALS
IN A MEDIATIZED WORLD**

PROGRAM COMMITTEE

Simone Gingrich | Austrian Academy of Sciences and University of Natural Resources & Life Sciences, Vienna

Matthias Karmasin | Austrian Academy of Sciences and Alpen-Adria-University Klagenfurt

Wolfgang Lutz | Austrian Academy of Sciences and Wittgenstein Center for Demography and Global Human Capital (ÖAW, IIASA, WU)



Verena Winiwarter | Austrian Academy of Sciences and University of Natural Resources & Life Sciences, Vienna

For more information, please visit us at www.oeaw.ac.at/sustainable-development2019



PROGRAM

APRIL 4, 2019

- 09:00–09:45 **Welcoming remarks**
Anton Zeilinger | President, Austrian Academy of Sciences
Heinz Fischer | Former Federal President, Republic of Austria and Co-chair, Ban Ki-moon Centre
Martin Netzer | Secretary General, Austrian Federal Ministry of Education, Science and Research
Josef Plank | Secretary General, Austrian Federal Ministry for Sustainability and Tourism
- 09:45–10:15 **Introduction**
 **Wolfgang Lutz** | Austrian Academy of Sciences and Wittgenstein Center for Demography and Global Human Capital (ÖAW, IIASA, WU)
Global Sustainable Development Goals and what they mean for the countries of the Global North
- 10:15–10:45 COFFEE BREAK
- 10:45–12:30 **SESSION 1**
 **Implementing the Agenda 2030 in a Mediatized World**
Chair: Matthias Karmasin | Austrian Academy of Sciences and Alpen-Adria-University Klagenfurt
- Introductory remarks by Matthias Karmasin*
Conveying inconvenient truths – the relevance of communication for sustainable development
- Jasmin Godemann** | Justus Liebig University Giessen
What is “sustainability communication” and why is it relevant in the context of the SDGs?
- Roy Bendor** | Delft University of Technology
Transition or Transformation? The Meanings of Sustainability in a Mediatized World
- Alison Anderson** | University of Plymouth and Monash University, Melbourne
SDGs, Media and the Network Society
- 12:30–14:00 LUNCH BREAK

We welcome comments to individual sessions and to the overall discussion. Please post them to the resonance walls or send them to SDGcomments@oeaw.ac.at

14:00–15:30



SESSION 2

Meeting the challenges of SDG 15: Life on land

Chair: *Albert van Jaarsveld* | *International Institute for Applied Systems Analysis (IIASA)*

Eric A. Davidson | University of Maryland Center for Environmental Science

The Sustainable Agriculture Matrix

Laura Bertha Reyes Sánchez | National and Autonomous University of Mexico and International Union of Soil Sciences

Educating and raising awareness by practicing sciences to achieve SDG 15 in a mediatized world

15:30–16:00

COFFEE BREAK

16:00–17:30

SESSION 3

The SDGs as a technological challenge particularly in the field of energy and smart grids

Chair: *Georg Brasseur* | *Austrian Academy of Sciences and Technical University Graz*



Lucy Y. Pao | University of Colorado Boulder

Boosting Wind and Solar Energy (SDG 7): Opportunities and Technological Challenges

Niyazi Serdar Sarıçiftçi | Austrian Academy of Sciences and Johannes Kepler University Linz

Carbon dioxide recycling to useful chemical products and synthetic fuels

17:30–18:00

Community Resonance

18:00–18:30

BREAK

18:30–19:30

The World in 2050 and the Six Transformations

Nebojsa Nakicenovic | International Institute for Applied Systems Analysis (IIASA)



Introduction

Verena Winiwarter | Austrian Academy of Sciences and University of Natural Resources & Life Sciences, Vienna

Commentary

Simone Gingrich | Austrian Academy of Sciences and University of Natural Resources & Life Sciences, Vienna

19:30

Human Nature: The Art of Sustainability

Exhibition curated by:

Anna Artaker | *Austrian Academy of Sciences and Academy of Fine Arts Vienna*

Uwe B. Sleytr | *Austrian Academy of Sciences and University of Natural Resources & Life Sciences, Vienna*

EVENING RECEPTION

APRIL 5, 2019

09:00–10:30



SESSION 4

Good Health and Well-Being

Chair: *Wolfgang Lutz* | *Austrian Academy of Sciences and Wittgenstein Center for Demography and Global Human Capital (ÖAW, IIASA, WU)*

Gabriele Doblhammer | University of Rostock and German Center for Neurodegenerative Diseases (DZNE), Bonn

Dementia in an Ageing World

Nyovani Janet Madise | African Institute for Development Policy, Malawi Office

25 years after Cairo. How can the Sustainable Development Goals agenda help to close the gaps in reproductive health and reproductive rights?

10:30–11:00

COFFEE BREAK

11:00–12:30



SESSION 5

Implementing the Sustainable Development Goals on a global basis

Chair: *Verena Winiwarter* | *Austrian Academy of Sciences and University of Natural Resources & Life Sciences, Vienna*

Linxiu Zhang | United Nations Environment Programme – International Ecosystem Management Partnership

Calling for a nexus approach to achieve Sustainable Development Goals

Vladimír Šucha | Joint Research Center, European Commission
TBA

12:30–14:00

LUNCH BREAK

14:00–15:00 **SESSION 6**
Poster Session

15:00–16:30 **Rethinking the Future, Science, and the SDGs**
Moderator: Riel Miller | UNESCO



Facilitators:

Andreas Baumgarten | Austrian Agency for Health and Food Safety
Sibel Eker | International Institute for Applied Systems Analysis (IIASA)
Franz Michael Fehr, Georg Gratzler, Rosanna Kral, Andreas Melcher | University of Natural Resources & Life Sciences, Vienna
Sofie Mittas | Johannes Kepler University Linz
Simone Gingrich, Harald Pauli | Austrian Academy of Sciences and University of Natural Resources & Life Sciences, Vienna
Josef Seethaler | Austrian Academy of Sciences and Alpen-Adria-University Klagenfurt

16:30–17:00 COFFEE BREAK

17:00–18:00 **SESSION 7**
Lessons learned
Moderator: Riel Miller | UNESCO



Marina Fischer-Kowalski | University of Natural Resources & Life Sciences, Vienna
Martin Bernhofer | Austrian Broadcasting Corporation – Program Radio 1
Karl Kienzl | Environment Agency Austria
Konrad Pesendorfer | Statistics Austria
Michael Alram | Austrian Academy of Sciences

LIST OF POSTERS

- 1 Neonatal and under-five mortality rate in Indian districts with reference to Sustainable Development Goal 3
Jayanta Kumar Bora* and **Nandita Saikia**
- 2 Sustainable development of degraded land through transdisciplinary and participatory activities in Burkina Faso – SUSLAND
Christina Bouissou*, **Dominique Ouédraogo**, **Kathiana Aznarán**, **Guibien Cleophas Zerbo**, **Greta Dobetsberger** and **Andreas Melcher**
- 3 *Philosophical Inquiry: Sustainability*
Daniela G. Camhy* and **Anja Lindbichler**
- 4 *Addressing Malaria in Angola through Effective Altruism*
Mrinalini Cariappa*, **Melanie Trupkat** and **Andreas Melcher**
- 5 *Working together towards reaching the SDGs: Public-private development partnerships in vocational training*
Jelena Cerar*, **Michael Friedl** and **Nora Gobel***
- 6 *WebGIS for communicating Alpine ecosystem services and sustainability indicators*
Oliver Bender, **Andreas Cziferszky***, **Andreas Haller**, **Nadine Houbé** and **Annemarie Poldermann**
- 7 *SmarterLabs: Improving Anticipation and Social Inclusion in Living Labs for Smart City Governance*
Mario Diethart* and **Petra Wlasak***
- 8 *The Contribution of Citizen Science to the SDGs in Austria*
Daniel Dörler* and **Florian Heigl**
- 9 *A widespread shift to sustainable diets requires rapid risk perception*
Sibel Eker*, **Gerhard Reese** and **Michael Obersteiner**
- 10 *Social proximity in the coffee sector. A comparative analysis of conventional and relational coffee value chains*
Hanna Forster*

* Presenter

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- 11 Land based climate change mitigation within the agenda for sustainable development
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 - 12 The Agenda 2030 as a challenge to Life Science Universities
Georg Gratzner*, Andreas Muhar, Verena Winiwarter, Thomas Lindenthal, Verena Radinger-Peer and Andreas Melcher
 - 13 The stock-flow-service nexus approach: conceptual advances and first empirical examples in tackling systemic interactions between the SDGs
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 - 14 Contributing to the SDGs via citizen collected data on road-killed animals
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 - 15 Citizen science as a means to achieve the United Nations' Sustainable Development Goals exemplified by a project in the field of linguistics
Barbara Heinisch*
 - 16 Using crop residues for household biochar production and subsequent sequestration of carbon in agricultural soils of Uganda, address swathe of SDGs.
Hood-Nowotny R.*, Nakubulwa D., Tumuhairwe JB, Majaliwa M., Ndawula I., Vanlauwe B. and Roobroeck D.
 - 17 A new scenario resource for integrated 1.5°C research in the context of climate change and sustainable development
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 - 18 Soil Nitrogen Budgets on a Global Grid Identify Regions Critical to Planetary Boundaries
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 - 19 Snail or bullet train: how fast is the EU moving towards achieving the SDGs?
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 - 20 Designing Sustainable Health Communication Campaigns as Exemplified by HIV/AIDS campaigns in the German-speaking area
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 - 21 'Role Model', Agony Aunt or Just a Legal Requirement? Employee Representative's Roles in Securing the Good Life at Work
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 - 23 Water-Energy-Food: A cross-sectoral perspective to facilitate the effective implementation of SDGs
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 - 24 Chemical synthesis in hot water – a method for sustainable chemical production?
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 - 25 Towards Global Scenarios of Biological Invasions in the 21st Century
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 - 26 The role of social entrepreneurship as a key driver of the Agenda 2030
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 - 27 Maps as Storytellers of the Sustainable Development Goals
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 - 28 Lack of thermal comfort as a dimension of energy poverty: Towards a SDG for space cooling?
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 - 29 Modeling Farmer's Decision-Making to integrate climate, agricultural production and biodiversity
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Stefan Nabernegg*
- 34 Pollution optimization by means of “N load permit” trade along Farming activities: a new approach aiming sustainability
Andreas Nascimento*, Elena Rovenskaya, Tatiana Ermolieva and Julian Hunt
- 35 Behavioral Nudging Towards Sustainable Mobility
Elisabeth Oberzaucher*, Kathrin Masuch and Susanne Schmehl
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Stefan Suetter*, Georg Regal, Johann Schrammel and Helmut Schrom-Feiertag
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- 51 Handbook of Sustainability Communication
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Caroline Zimm* on behalf of 60+ TWI2050 authors

NOTES

