



A 250. GEBURTSTAG
ALEXANDER
VON HUMBOLDT



Navigating the Sustainability Transformation in the 21st Century

August 28-30, 2019
Humboldt-Universität zu Berlin

KOSMOS CONFERENCE

FROM ALEXANDER VON HUMBOLDT'S KOSMOS TO TODAY'S GLOBAL CHALLENGES

Wednesday | August 28, 2019

PROGRAMME OVERVIEW

18.00-19.00

Registration

19.00-22.00

Reuter-Saal
& foyer

Icebreaker

Welcome

Icebreaker speech: A windy road back to KOSMOS? Reflections on sustainability challenges on the cusp of a new era
Beatrice Crona, Stockholm Resilience Center

Visual artist performance

Nicoletta Geiersbach (pantomime, Ökodorf 7 Linden) & Raffael Kircher (saxophon, Berlin)



Treasure quest

This is where the adventure begins: find your group! The treasure quest is an experimental workshop format discussing the 17 Sustainable Development Goals (SDGs) in small groups throughout the whole conference. Each team will be supported by a trained student coach and finally present its results - the treasure - to colleagues and the public. When registering, each conference participant selected one SDG to work on.

Cold drinks & snacks

Thursday | August 29, 2019

8.00-9.00 Registration

9.00-10.30
Reuter-Saal

Conference opening & opening speech

Sabine Kunst, President of Humboldt-Universität zu Berlin
Christoph Schneider, Geography Department, Humboldt-Universität zu Berlin

Scaling up solutions for sustainability

Eric Lambin, Université catholique de Louvain & Stanford University

10.30-11.00 Morning break

Parallel expert forums

Session 1

Publics and ethics of sustainability (part 1): Examining publics, society and ethics

Convenors: Martin Kowarsch, Mercator Research Institute on Global Commons and Climate Change (MCC) & Anna Henkel, Leuphana University of Lüneburg
Session chair: TBA

11.00-12.30
room TBA

Approaches to the normative dimensions of sustainability governance

Martin Kowarsch, Mercator Research Institute on Global Commons and Climate Change (MCC) & Technische Universität Berlin

How to Study the Co-Evolution of Nature and Society: Humboldt and beyond

Jens Jetzkowitz, Museum für Naturkunde Berlin

No We Can't. On the reasons why our societies are unable to transform in face of climate change and why we prefer the technological approach

Christine Bismuth, GFZ German Research Center for Geosciences

A Diagram of the Whole Earth System

Wolfgang Lucht, Potsdam Institute for Climate Impact Research (PIK)

Session 2

Democracy, governance, and societal conflicts in a globalized world (part 1): Modeling

Convenors: Klaus Eisenack, Humboldt-Universität zu Berlin & Sabine O'Hara, University of the District of Columbia
Session chair: TBA

11.00-12.30
room TBA

The Role of Governance in Future Pathways of Sustainable Development

Marina Andrijevic, Humboldt-Universität zu Berlin

A Thought Experiment on Sustainable Management of the Earth System

Jobst Heitzig, Potsdam Institute for Climate Impact Research (PIK)

Nuclear Power, Democracy, and Sustainable Development: Quantitative and Qualitative Analysis of the Role of Nuclear Power and Democracy in the Context of the Sustainable Development Goals (SDGs)

Christian von Hirschhausen, Technische Universität Berlin

Analytical tools for studying Earth system resilience in the Anthropocene: from ontologies to simulation models

Jonathan F. Donges, Potsdam Institute for Climate Impact Research (PIK)

Thursday | August 29, 2019

Session 3

Economies beyond unlimited growth (part 1): Connecting climate and sustainability (“multi-solving“)

Convenors: Sabine Fuss, Mercator Research Institute on Global Commons and Climate Change (MCC) & Maja Göpel, German Advisory Council on Global Change
Session chair: TBA

11.00-12.30
room TBA

Questioning the paradigm of manufacturing-led development: Sustainability, robots and the future of manufacturing in developing countries

Stefanie Kunkel, Institute for Advanced Sustainability Studies Potsdam (IASS Potsdam)

Climate Denial: Populism, Post-Truth and Environmental Politics

Maria Proestou, Humboldt-Universität zu Berlin; Frank Fischer, Humboldt-Universität zu Berlin

How a decision support tool helps to make sustainability tangible – A case study on dual-purpose chicken farming

Felix Zoll, Leibniz Centre for Agricultural Landscape Research (ZALF)

How We Change The World

Friedrich Hinterberger, SERI Sustainable Europe Research Institute

Session 4

Limited land – a local to global perspective (part 1): Transitioning future land use towards sustainability

Convenors: Patrick Hostert, Humboldt-Universität zu Berlin & Ariane de Bremond, Global Land Programme
Session chair: Patrick Hostert, Humboldt-Universität zu Berlin

11.00-12.30
room TBA

Taking stock of zero deforestation commitments

Floris Leijten, Unilever

Transition towards renewable energy sources in the EU: between ecological modernisation and new cycles of capital accumulation

Samadhi Lipari, University of Leeds

Towards coherent policy measures for achieving the Sustainable Development Goals

Hermann Lotze-Campen, Potsdam Institute for Climate Impact Research (PIK)

Towards revising the planetary boundary for land systems

Matthias Baumann, Humboldt-Universität zu Berlin

Session 5

Urban and rural: a necessary partnership (part 1): (novel) conceptual and methodological lenses to urban-rural interlinkages

Convenors: Bettina König, Integrative Research Institute on Transformations of Human-Environment Systems (IRI THESys), Humboldt-Universität zu Berlin & Daniela Kempa, Leibniz Universität Hannover
Session chair: TBA

11.00-12.30
room TBA

Travelling Transect – an approach to mobile knowledge generation

Lisa Diedrich, Swedish University of Agricultural Sciences; Gini Lee, The University of Melbourne

Urban Eris? Chennai’s anthropogenic water bodies and their future

Luise Haufe, Freie Universität Berlin

Critical business environment factors of innovative rural business cases

Muluken Elias Adamseged, Leibniz-Institut für Agrartechnik und Bioökonomie e.V. (ATB)

Thursday | August 29, 2019

11.00-12.30
room TBA

Creating innovative urban-rural linkages through transdisciplinary collaboration: experiences of nine Innovation Groups for a sustainable land management in Germany

Daniela Kempa, Leibniz Universität Hannover

Session 6

Water and biosphere: preconditions of survival (part 1): Water scarcity & water security

Convenors: Doerthe Tetzlaff, IGB Leibniz-Institute of Freshwater Ecology and Inland Fisheries & Tobias Krüger, Integrative Research Institute on Transformations of Human-Environment Systems (IRI THESys), Humboldt-Universität zu Berlin
Session chair: TBA

11.00-12.30
room TBA

Paired event analyses to support sustainable risk management of floods and droughts

Heidi Kreibich, GFZ German Research Centre for Geosciences

Water scarcity in human-impacted basins: implications for river ecosystems

Sergi Sabater, Catalan Institute for Water Research, Girona (ICRA)

Working towards household water security as a cornerstone of sustainable development: A case study in rural Umvoti, South Africa

Karen Lebek, Humboldt-Universität zu Berlin

“Sky and land merged”: Aerial river management for future water

Wei Weng, Humboldt-Universität zu Berlin

Session 7

Climate Change: biophysical impacts and societal responses (part 1): Governance of Climate Change

Convenors: Christoph Schneider, Humboldt-Universität zu Berlin & Carl-Friedrich Schleussner, Climate Analytics & Humboldt-Universität zu Berlin
Session chair: Christoph Schneider, Humboldt-Universität zu Berlin

11.00-12.30
room TBA

How climate-related disasters contribute to armed conflict risk - providing multi-method evidence

Carl-Friedrich Schleussner, Climate Analytics & Humboldt-Universität zu Berlin

Household mobility as response to an extreme weather event: Insights from novel trajectory data

Kati Krähnert, Potsdam Institute for Climate Impact Research (PIK)

The relevance of climate justice for climate goals

Angela Kallhoff, University of Vienna

Climate and Energy Governance at the Urban Level in the MENA Region: The Case of Jordan and Lebanon

Tarek Katramiz, United Nations University

12.30-13.30

Lunch break - on own expense

13.30-15.00

Treasure quest



The adventure takes off: find your group, find your task, find your solution! The treasure quest is an experimental workshop format discussing the 17 Sustainable Development Goals (SDGs) in small groups throughout the whole conference. Each team will be supported by a trained student coach and finally present its results - the treasure - to colleagues and the public. When registering, each conference participant selected one SDG to work on.

15.00-15.30

Coffee break

Thursday | August 29, 2019

Parallel expert forums

Session 1

Publics and ethics of sustainability (part 2): Value-laden issues at the science-policy-society interfaces

Convenors: Martin Kowarsch, Mercator Research Institute on Global Commons and Climate Change (MCC) & Anna Henkel, Leuphana University of Lüneburg
Session chair: TBA

15.30-17.00
room TBA

Planetary Justice and the Earth System

Dominic Lenzi, Mercator Research Institute on Global Commons and Climate Change (MCC)

When optimization for governing human-environment tipping elements is neither sustainable nor safe

Wolfram Barfuss, Potsdam Institute for Climate Impact Research (PIK)

Science-based Systematic Sustainability Assessment in Practice

Volker Stelzer, Karlsruher Institut for Technology (KIT)

Evaluating changes in pro-ecological understanding and behaviour stemming from transdisciplinary interactions using a robust before-after-intervention-control design: an example from recreational fisheries

Robert Arlinghaus, IGB Leibniz-Institute of Freshwater Ecology and Inland Fisheries

Session 2

Democracy, governance, and societal conflicts in a globalized world (part 2): Case Studies in Governance

Convenors: Klaus Eisenack, Humboldt-Universität zu Berlin & Sabine O'Hara, University of the District of Columbia
Session chair: TBA

15.30-17.00
room TBA

Analyzing the food-energy-water nexus in Germany – insights from current resource management

Carolin Märker, Forschungszentrum Jülich (FZ Jülich)

Mechanisms of Weak Governance in Grasslands and Wetlands of South America

Luca Eufemia, Leibniz Centre for Agricultural Landscape Research (ZALF)

Women peasants facing Neo-Extractivism in Brazil: a food sovereignty potential

Ana Alvarenga de Castro, Humboldt-Universität zu Berlin

Understanding complexity situations to sustainability transformation: the case of Colombia post conflict areas

Michelle Bonatti, Leibniz-Centre for Agricultural Landscape Research (ZALF)

Experiences with citizen-science-policy interfaces on sustainable land use in Central Asia

Martin Welp, Eberswalde University for Sustainable Development

Session 3

Economies beyond unlimited growth (part 2): Patterns of ecologically sound solutions (Provisioning systems, Diffusion Theory, Circular Anthropocene, Digital, ...)

Convenors: Sabine Fuss, Mercator Research Institute on Global Commons and Climate Change (MCC) & Maja Göpel, German Advisory Council on Global Change
Session chair: TBA

15.30-17.00
room TBA

Organizing in a Sustainable Degrowth Society

Iana Nesterova, University of Derby

The diffusion of environmental product and service innovations: Driving and inhibiting factors

Klaus Fichter, Carl von Ossietzky University Oldenburg

Thursday | August 29, 2019

15.30-17.00
room TBA

Gatekeepers of sustainability and well-being: Provisioning systems as intermediaries between energy use and basic needs satisfaction

Jefim Vogel, University of Leeds

Session 4

Mining the Anthroposphere in the context of Circular Economy Aiming for Sustainable Development

Vivek Jaisree Mohandas, Wuppertal Institut für Klima, Umwelt, Energie gGmbH & Alexander von Humboldt-Stiftung

Limited land - a local to global perspective (part 2): Land use impacts on carbon and biodiversity futures

Convenors: Patrick Hostert, Humboldt-Universität zu Berlin & Ariane de Bremond, Global Land Programme

Session chair: Ariane de Bremond, Global Land Programme

15.30-17.00
room TBA

Towards improved biodiversity scenarios

Damaris Zurell, Humboldt-Universität zu Berlin

Mapping global land-based opportunities and challenges to simultaneously achieve biodiversity and food security

Diana Sietz, Potsdam Institute for Climate Impact Research (PIK)

Revision of environmental peacebuilding indicators in post-conflict scenarios. A Conceptual framework for research. The case of Colombia.

Hector Camilo Morales Munoz, Leibniz Centre for Agricultural Landscape Research (ZALF)

Road to glory or highway to hell? Global road access and climate change mitigation

Leonie Wenz, University of California Berkeley & Potsdam Institute for Climate Impact Research (PIK)

Session 5

Urban and rural: a necessary partnership (part 2): approaches of cities to cope with sustainability challenges

Convenors: Bettina König, Integrative Research Institute on Transformations of Human-Environment Systems (IRI THESys), Humboldt-Universität zu Berlin & Daniela Kempa, Leibniz Universität Hannover

Session chair: TBA

15.30-17.00
room TBA

Climate Cooperation among Cities

Klaus Eisenack, Humboldt-Universität zu Berlin

Good Practices for Sustainable Development in Cities. Case Studies: Berlin and Xiamen

Berthold Kuhn, Freie Universität Berlin

Nature-Based Solutions for Sustainable Development in Peri-Urban Green Area: A Case Study in Kung Bangkrachao, Thailand.

Prapassorn Siriwichai, Chulalongkorn University

Gentrification of Public Space and the Moral Right to Access - an Ethical and Public Theological Perspective on Social Sustainability

Torsten Meireis, Humboldt-Universität zu Berlin

Session 6

Water and biosphere: preconditions of survival (part 2): Larger-scale modelling

Convenors: Doerthe Tetzlaff, IGB Leibniz-Institute of Freshwater Ecology and Inland Fisheries & Tobias Krüger, Integrative Research Institute on Transformations of Human-Environment Systems (IRI THESys), Humboldt-Universität zu Berlin

Session chair: TBA

15.30-17.00
room TBA

Exit Here: Dealing with Aging Dams and Reservoirs

Henry Hansen, University of Nebraska-Lincoln

Thursday | August 29, 2019

15.30-17.00
room TBA

Monitoring and modelling Germany's largest drinking water reservoir
Tom Shatwell, Helmholtz Centre for Environmental Research (UFZ)

Linking hydrologic and land use change models for more consistent predictions of global change impacts on water resources in India
Paul Wagner, Kiel University

Freshwater and biosphere in the Anthropocene: vital links
Dieter Gerten, Potsdam Institute for Climate Impact Research (PIK)

Session 7

Climate Change: biophysical impacts and societal responses (part 2): Physical Dynamics of Climate Change

Convenors: Christoph Schneider, Humboldt-Universität zu Berlin & Carl-Friedrich Schleussner, Climate Analytics & Humboldt-Universität zu Berlin
Session chair: Carl-Friedrich Schleussner, Climate Analytics and Humboldt-Universität zu Berlin

15.30-17.00
room TBA

Governing climate security and socio-ecological transformation
Judith Nora Hardt, Universität Hamburg

Changes in mid-latitudes summer weather persistence under global warming
Peter Pfeleiderer, Humboldt-Universität zu Berlin

Systematically evaluating the albedo of various land-cover types and albedo changes associated to land-cover transitions in Earth System Models
Quentin Lejeune, Climate Analytics

"Flying Rivers": The Invisible Interaction Between the Amazon and the Andes
Dirk Hoffmann, Bolivian Mountain Institute (BMI)

17.00-18.30
foyer

Interactive poster session

Cold drinks | Catering with food starts at around 18.00 and continues until 19.00

Publics and ethics of sustainability

Towards a Formalisation of „Moral Responsibility“
Sarah Hiller, Freie Universität Berlin & Potsdam Institute for Climate Impact Research (PIK)

Shift the focus from the super-poor to the super-rich
Ilona M. Otto, Potsdam Institute for Climate Impact Research (PIK)

Human Agency in the Anthropocene
Ilona M. Otto, Potsdam Institute for Climate Impact Research (PIK)

Humboldt to the power of X – education for a sustainable future
Carl-Friedrich Schleussner, Climate Analytics & Humboldt-Universität zu Berlin

Democracy, governance, and societal conflicts in a globalized world

Collective perception of Anthropic and Extractive Interventions in the Colombian Llanos
Luca Eufemia, Leibniz Centre for Agricultural Landscape Research (ZALF)

Synthesis of Environmental Research Knowledge: The Case of Paraguayan Pantanal Tropical Wetlands
Luca Eufemia, Leibniz Centre for Agricultural Landscape Research (ZALF)

Community Based Governance and Sustainability in the Paraguayan Pantanal
Luca Eufemia, Leibniz Centre for Agricultural Landscape Research (ZALF)

Thursday | August 29, 2019

17.00-18.30
foyer

Sustainability at Higher Education Institutions

Margarita Doneliene, Freie Universität Berlin

Laypersons in Environmental Law

Ulrike Zeigermann, Humboldt-Universität zu Berlin

Food Democracy: analysis of power and participation in partnerships to end hunger and malnutrition

Julia Dennis, Humboldt-Universität zu Berlin

An exploration of the role of science in a socioecological transformation – Researching transformative research

Wiebke Nowack, Humboldt-Universität zu Berlin

Institutions and Instruments of Development Cooperation - Is there a need for change?

Denise Sumpf, Humboldt-Universität zu Berlin

Limited land -
a local to global
perspective

Multifunctional Field Margins: Assessing the benefits for nature, society and business

Varun Vats, Syngenta

The great whole of nature and the partial politics

Kristine Kjørup Rasmussen, Grøn University of Aalborg

Urban and rural:
a necessary
partnership

Smart communities for a sustainable future. Opportunities for the rural environment in Mexico

Elizabeth Toriz, Tecnológico de Monterrey

Sediments remove trace organic compounds in urban streams

Jonas L. Schaper, IGB Leibniz-Institute of Freshwater Ecology and Inland Fisheries & Technische Universität Berlin

Beyond cities: Exploring the role of agriculture in the Sustainability Transformation in rural areas

Wiebke Nowack, Humboldt-Universität zu Berlin

Water and biosphere:
preconditions of survival

The Drying Up of Lake Poopó in the Bolivian Altiplano as a Result of Multiple Interactions of Different Stressors

Dirk Hoffmann, Bolivian Mountain Institute (BMI)

Introduction: Planetary Health as a new discipline

Oskar Masztalerz

Challenges to fisheries advice and management due to stock recovery

Rob van Gemert, IGB Leibniz-Institute of Freshwater Ecology and Inland Fisheries

Growing the Future: the potential of phototrophic microorganisms

Ralf Steuer, Humboldt-Universität zu Berlin

Climate Change:
biophysical
impacts and societal responses

Mobilizing domestic resources for the Agenda 2030 via carbon pricing

Max Franks, Potsdam Institute for Climate Impact Research (PIK)

Effects of Extreme Urban Microclimates on Tree Growth in Berlin

Sebastian Schneider, Humboldt-Universität zu Berlin

Precipitation characteristics and their association with large-scale atmospheric circulation over Tianshan Mountains, Central Asia

Xuefeng Guan, Humboldt-Universität zu Berlin

18.30-19.00

Evening break with continued catering

Thursday | August 29, 2019

19.00-20.30
Reuter-Saal

Public KOSMOS lecture

Towards sustainable business and finance within the planetary boundaries. A legal approach.
Anne-Christin Mittwoch, Philipps-Universität Marburg

public

until 22.00
main building,
Grimm Centre

Summer party Humboldt-Universität zu Berlin

The HU Berlin invites you to go on a journey of discovery through its buildings, collections and courtyards. With an extensive programme of events and activities to do with Alexander von Humboldt in the main building and the Grimm Centre, the university's summer party has something for everyone.

public

Friday | August 30, 2019

8.00-9.00

Registration

9.00-10.00
Reuter-Saal

Keynote lecture

Sustainable Development Goals within Planetary Boundaries: Utopia or Panacea?
Johan Rockström, Potsdam Institute for Climate Impact Research (PIK)

10.00-11.00

Bar camp

The bar camp is a competitive science slam format. The audience decides which lecture to bring on stage based on a one-minute elevator pitch. Those with the most applause will be invited to present their research in detail. All others may communicate their work at bar tables at the following market place (see below).

11.00-11.30

Market place

Table session where the remaining bar camp participants (see above) will present their research.

Including coffee break

11.30-12.30

Treasure quest



The treasure is taking shape: solution workout! The treasure quest is an experimental workshop format discussing the 17 Sustainable Development Goals (SDGs) in small groups throughout the whole conference. Each team will be supported by a trained student coach and finally present its results - the treasure - to colleagues and the public. When registering, each conference participant selected one SDG to work on.

12.30-13.30

Lunch break - on own expense

Friday | August 30, 2019

Parallel expert forums

Session 1

Publics and ethics of sustainability (part 3): Analyzing and framing societal discourses

Convenors: Martin Kowarsch, Mercator Research Institute on Global Commons and Climate Change (MCC) & Anna Henkel, Leuphana University of Lüneburg
Session chair: TBA

13.30-15.00
room TBA

Framing just transitions: discourses as facilitators and barriers of low-carbon energy transitions in Germany and Australia
Linda Wollersheim, Deakin University

Economic Instruments, Ecological Effectiveness, and Liberal Democracy

Felix Ekardt, Forschungsstelle Nachhaltigkeit und Klimapolitik

The 2030 Agenda in social discourse - participation and information as key factors for an improved implementation of the SDGs?

Jonas Birke, Bergische Universität Wuppertal

How to foster constructive emotions for sustainability? Positive psychology and hope-based education for sustainable development as a navigating tool for sustainability transformations

Antje Brock, Freie Universität Berlin

Session 2a

Democracy, governance, and societal conflicts in a globalized world (part 3a): Sustainability

Convenors: Klaus Eisenack, Humboldt-Universität zu Berlin & Sabine O'Hara, University of the District of Columbia
Session chair: TBA

13.30-15.00
room TBA

Systems Aliveness as a Key Component of Sustainability Transformations

Petra Künkel, Collective Leadership Institute gGmbH

Reconsidering sustainability - as a societal challenge

Sander Van der Leeuw, Arizona State University (ASU); Solene Droy, Institute for Advanced Sustainability Studies Potsdam (IASS Potsdam)

Leapfrogging Democratization: meeting sustainability goals through fundamental democratization leaps

Frederic Hanusch, Institute for Advanced Sustainability Studies Potsdam (IASS Potsdam); Azucena Morán, Institute for Advanced Sustainability Studies Potsdam (IASS Potsdam)

Conditions of Environmental Policy Integration for Sustainability: the Politics of Multiple Dividends at Local Government Level in Turkey

Gökhan Orhan, Bandırma Onyedi Eylül University

Challenging scientific knowledge and expertise in sustainability politics

Ulrike Zeigermann, Humboldt-Universität zu Berlin

Session 2b

Democracy, governance, and societal conflicts in a globalized world (part 3b): Science-Policy Interface

Convenors: Klaus Eisenack, Humboldt-Universität zu Berlin & Sabine O'Hara, University of the District of Columbia
Session chair: TBA

13.30-15.00
room TBA

Unravelling the role of oxytocin in the motivational structure of conflict

Nina Marsh, University of Bonn

Friday | August 30, 2019

13.30-15.00
room TBA

Humboldt as a Sustainable Design Hero

Julia Kulgavchuk, Laerdal

The Scientists4Future Statement in Germany, Austria, and Switzerland

Gregor Hagedorn, Museum für Naturkunde

A tale of multiple disconnects: Why the 2030 Agenda does not (yet?) contribute to moving German gender equality struggles forward

Hannah Birkenkoetter, Humboldt-Universität zu Berlin; Gabriele Koehler, United Nations; Anke Stock, Women Engage for a Common Future

Idiosyncrasies of bioeconomy governance. Insights from three policy areas of the German bioeconomy

Thomas Vogelpohl, FernUniversität in Hagen

Session 3

Economies beyond unlimited growth (part 3): De-growth versus Green Growth (de-growth/green growth/a-growth/...), block 1

Convenors: Sabine Fuss, Mercator Research Institute on Global Commons and Climate Change (MCC) & Maja Göpel, German Advisory Council on Global Change
Session chair: TBA

13.30-15.00
room TBA

Decoupling resource use and emissions from economic growth: green growth, a-growth or de-growth for zero-carbon society?

Helmut Haberl, University of Natural Resources and Life Sciences Vienna

Limits to liberalism: rationality, well-being, and planetary health

Felix Creutzig, Mercator Research Institute on Global Commons and Climate Change (MCC) & Technische Universität Berlin

Session 4

Should we put the brake on economic growth to save the climate? An overview of the scientific debate

Michael Jakob, Mercator Research Institute on Global Commons and Climate Change (MCC) & Technische Universität Berlin

Limited land - a local to global perspective (part 3): Land use: linking drivers with impacts

Convenors: Patrick Hostert, Humboldt-Universität zu Berlin & Ariane de Bremond, Global Land Programme
Session chair: Patrick Hostert, Humboldt-Universität zu Berlin

13.30-15.00
room TBA

Implications of current and future dynamics of large-scale land acquisitions and African medium-scale farms

Niels Debonne, VU Vrije Universiteit Amsterdam

Reconciling food production and biodiversity conservation for food security in Nigeria

Kashimana Ivo, Universität Hamburg

Separating supply and demand-side drivers of land use change to govern telecouplings

Nicolas Roux, University of Natural Resources and Life Sciences, Vienna

Balancing agriculture and conservation in the South American Gran Chaco

Tobias Kuemmerle, Humboldt-Universität zu Berlin

Friday | August 30, 2019

Session 5

Urban and rural: a necessary partnership (part 3): urban drivers and their interlinkages to the rural

Convenors: Bettina König, Integrative Research Institute on Transformations of Human-Environment Systems (IRI THESys), Humboldt-Universität zu Berlin & Daniela Kempa, Leibniz Universität Hannover
Session chair: TBA

13.30-15.00
room TBA

Assessing the modal shift potential of urban and rural car drivers

Susann Ullrich, Institute for Advanced Sustainability Studies Potsdam (IASS Potsdam)

The Smart city-critical raw material-energy nexus and its related problems concerning sustainability transformations

Florian Koch, HTW Berlin - Hochschule für Technik und Wirtschaft Berlin; Martin David, Helmholtz Centre for Environmental Research (UFZ)

Exploring urban land expansion process in light of land use planning in the Federal Capital City-Region of Nigeria

Evidence Chinedu Enoguanbhor, Humboldt-Universität zu Berlin

Contribution of Farmers' Organization in Engagement Process toward Adaptive Water Governance: Investigating the Perception of Different Actors

Mohammad Naser Reyhani, Humboldt-Universität zu Berlin; Saeid Eslamian, Isfahan University of Technology

Prospective Volition and Retrospective Thinking: Evidence from Adopting Climate Insurance in Agro-pastoral China

Lu Yu, German Development Institute (DIE)

Session 6

Water and biosphere: preconditions of survival (part 3): Smaller-scale case studies

Convenors: Doerthe Tetzlaff, IGB Leibniz-Institute of Freshwater Ecology and Inland Fisheries & Tobias Krüger, Integrative Research Institute on Transformations of Human-Environment Systems (IRI THESys), Humboldt-Universität zu Berlin
Session chair: TBA

13.30-15.00
room TBA

Methane and CO₂ in Lake Kivu – an Interdisciplinary Investigation in Respect of the Sustainable Development Goals

Maximilian Schmidt, Universität Heidelberg

Novel Lake Ecosystems – Biodiversity of Small Lowland Gravel-Pit Lakes and its Relation to Recreational-Fisheries Management

Robert Nikolaus, IGB Leibniz-Institute of Freshwater Ecology and Inland Fisheries

Preconditions of survival: Removal of trace organics from closed urban water cycles

Jörg Lewandowski, IGB Leibniz-Institute of Freshwater Ecology and Inland Fisheries & Humboldt-Universität zu Berlin

Water and nutrient dynamics in East African montane headwater catchments

Suzanne Jacobs, Justus-Liebig-Universität Gießen

15.00-15.30

Coffee break

Friday | August 30, 2019

Parallel expert forums

Session 1a

Publics and ethics of sustainability (part 4a): Having a closer look...

Convenors: Martin Kowarsch, Mercator Research Institute on Global Commons and Climate Change (MCC) & Anna Henkel, Leuphana University of Lüneburg
Session chair: TBA

15.30-16.30
room TBA

Neglected Ethics and its effect on tilted pillars of sustainability

Björn Koch, Carl von Ossietzky Universität Oldenburg

The power of the ancestral philosophy of Sumak kawsay (Good Living) in the indigenous movements of Colombia - Ecuador vs. exclusion by mega mining development, contributions to the Rights of Mother Nature from the global south.

Eduardo Erazo Acosta, University Nariño

Can network analyses of action situations help to scope leverage points for polycentric transformation? A review

Christian Kimmich, Masaryk University Brno

Session 1b

Publics and ethics of sustainability (part 4b): Democratic transformations in the Anthropocene

Convenors: Martin Kowarsch, Mercator Research Institute on Global Commons and Climate Change (MCC) & Anna Henkel, Leuphana University of Lüneburg
Session chair: TBA

15.30-16.30
room TBA

From Increasing Knowledge to “Real” Behavior Change: Evaluating Ways towards More Effective Ocean Literacy

Susanne Stoll-Kleemann, University of Greifswald

Humanity as a political subject in the Anthropocene: from planetary subjectivity to global sovereignty.

Manuel Arias-Maldonado, University of Malaga

Session 2a

Democracy, governance, and societal conflicts in a globalized world (part 4a): Decision Making for Sustainability Outcomes

Convenors: Klaus Eisenack, Humboldt-Universität zu Berlin & Sabine O'Hara, University of the District of Columbia
Session chair: TBA

15.30-16.30
room TBA

Sustainable Management Strategies for Corporate Change and Future Capacity Building

Raimund Schwendner, ITOB Management Academy

Incorporating Sustainability Outcomes in Corporate Decision Making and Practice

Gregor Diem, Human Resources, Allianz Group

Addressing the Outcomes of Unsustainable Decision Making: the Experience of the Ruhrgebiet

Matthias Sinn, Environment Manager City of Munich and Essen

Internal and External Communication Networks: the UDC Urban Food Hubs Experience

Sabine O'Hara, Dean of CAUSES, UDC

Session 2b

Democracy, governance, and societal conflicts in a globalized world (part 4b): Governance Theory

Convenors: Klaus Eisenack, Humboldt-Universität zu Berlin & Sabine O'Hara, University of the District of Columbia
Session chair: TBA

15.30-16.30
room TBA

Closing the resource nexus governance gaps through reflexivity

Inaiê Takaes Santos, Institute for Advanced Sustainability Studies Potsdam (IASS Potsdam)

Friday | August 30, 2019

15.30-16.30
room TBA

Transformation of the global value system framed by human rights and planetary boundaries
Thomas Hahn, Stockholm University

The interplay between urban governance and infrastructure development in sustainable urban transformation processes
Diana Nenz, University of Cambridge; Jan Hendrik Trapp, Deutsches Institut für Urbanistik; Jens Libbe, Deutsches Institut für Urbanistik

Session 3

Economies beyond unlimited growth (part 4): De-growth versus Green Growth (de-growth/green growth/a-growth/...), block 2

Convenors: Sabine Fuss, Mercator Research Institute on Global Commons and Climate Change (MCC) & Maja Göpel, German Advisory Council on Global Change
Session chair: TBA

15.30-16.30
room TBA

Fossil capital is a monster, and it needs to go

Elke Pirgmaier, University of Leeds; William Lamb, Mercator Research Institute on Global Commons and Climate Change (MCC)

Examining the case for a Green New Deal to address economic and sustainability challenges

Tim Foxon, University of Sussex

Navigating through the (de-)growth controversy: the precautionary postgrowth position – a new consensus in the sustainability debate?

David Hofmann, Institut für ökologische Wirtschaftsforschung (IÖW)

Session 6

Water and biosphere: preconditions of survival (part 4): Smaller-scale case studies

Convenors: Doerthe Tetzlaff, IGB Leibniz-Institute of Freshwater Ecology and Inland Fisheries & Tobias Krüger, Integrative Research Institute on Transformations of Human-Environment Systems (IRI THEsYS), Humboldt-Universität zu Berlin
Session chair: TBA

15.30-16.30
room TBA

Strong Sustainability and SDG 14 „Life Below Water“

Klaus Konrad Ott, University Kiel

Freshwater biodiversity research from local to global scales

Sonja Jähnig, IGB Leibniz-Institute of Freshwater Ecology and Inland Fisheries

16.30-17.30
Reuter-Saal

Treasure quest

The adventure almost comes to an end: communicate your treasure! The treasure quest is an experimental workshop format discussing the 17 Sustainable Development Goals (SDGs) in small groups throughout the whole conference. Each team will be supported by a trained student coach and finally present its results - the treasure - to colleagues and the public. When registering, each conference participant selected one SDG to work on.



17.30-18.00

Evening break with catering

Friday | August 30, 2019

18.00-19.00
foyer



Citizen scientist speed dating

Last stage of the adventure: discuss your treasure! The conference participants encounter citizens of Berlin at 17 parallel tables to discuss the results of their treasure quest (see above) and to face their questions and comments. This format wants to underline the importance of dialogue with the general public when it comes to making our world more sustainable.

public

19.00-21.00
Reuter-Saal

Public debate: from knowledge to action

Moderator: Martin Kloss

Edelgard Bulmahn, German politician, former Federal Minister of Education and Research, Social Democratic Party (SPD)

Ottmar Edenhofer, Director and Chief Economist of the Potsdam Institute for Climate Impact Research (PIK) & Director of the Mercator Research Institute on Global Commons and Climate Change (MCC)

Sebastian Grieme, Speaker for Fridays for Future

Daniela Jacob, Director of the Climate Service Center Germany (GERICS)

Petra Künkel, Founder and Executive Director of the Collective Leadership Institute & Member of the Club of Rome

public

Closing remark

Christoph Schneider, Geography Department, Humboldt-Universität zu Berlin

public

21.00 -
open end
foyer

Farewell gathering

DJ-Set by Lotte Ahoi, Conscious Madness Berlin
Cool music, cold drinks

public



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