



## Advancing Sustainable Development: Sustainability Science Summit 2025

19–21 February 2025 | Berlin, Germany

**Summit Program Overview** (Location: [Umweltforum](#), Pufendorfstr. 11, 10249 Berlin)

[Live Stream](#) (Welcome and Introduction, Panel Discussions | Time: CET)

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### Day 1 | 19 February 2025 (Wednesday)

- 09:00 – 10:30 **Registration** with Coffee and Snacks  
10:30 – 11:00 **Welcome and Introduction from DKN and DFG**  
11:00 – 12:30 **Panel Discussion:** “Advancing Sustainable Development: Perspectives of International Sustainability Science” with *Anna-Katharina Hornidge (German Institute of Development and Sustainability), Karen O’Brien (University of Oslo), Hans-Otto Pörtner (Alfred Wegener Institute), Markus Reichstein (Max Planck Institute for Biogeochemistry), chaired by Bernd Siebenhüner (University of Oldenburg)*  
12:30 – 14:00 *Lunch*  
14:00 – 15:30 **Parallel Sessions and Workshops**  
15:30 – 16:00 *Break*  
16:00 – 17:30 **Parallel Sessions and Workshops**  
17:30 – 19:00 **Networking Session**  
19:00 **Reception and Get-Together**
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### Day 2 | 20 February 2025 (Thursday)

- 09:00 – 10:30 **Parallel Sessions and Workshops**  
10:30 – 11:00 *Break*  
11:00 – 12:30 **Panel Discussion:** “Transformation in Sustainability Science – Transformation of Sustainability Science” with *Christiane Joerk (German Research Foundation, DFG), Marco Fritz (DG RTD, European Commission), Kristie Ebi (University of Washington), Stefan Bartke (German Environment Agency), Daniela Jacob (Climate Service Center Germany – GERICS, Helmholtz-Zentrum Hereon), chaired by Michael Bollig (University of Cologne)*  
12:30 – 13:30 *Lunch*  
13:30 – 16:30 **World-Café:** “Priorities for Sustainability Science”  
16:30 – 17:00 *Break*  
17:00 – 18:30 **Parallel Sessions and Workshops**  
18:30 – 18:45 *Break*  
18:45 – 20:15 **Panel Discussion:** “Science-Policy Interface: Challenges and Opportunities” with *Katrin Böhning-Gaese (Helmholtz Centre for Environmental Research), Mark Lawrence (Research Institute for Sustainability), Jakob Lundberg (Future Earth Sweden Hub), Dirk Messner (German Environment Agency), chaired by Axel Berger (German Institute of Development and Sustainability)*
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### Day 3 | 21 February 2025 (Friday)

- 08:30 – 10:00 **Parallel Sessions and Workshops**  
10:00 – 10:30 *Break*  
10:30 – 12:00 **Parallel Sessions and Workshops**  
12:00 – 13:00 *Lunch*  
13:00 – 14:00 **Fishbowl Discussion:** “Advancing Sustainable Development”  
14:00 – 14:30 **Summit Conclusions and Looking Forward**  
14:30 **Goodbye**

# Detailed Program

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## Day 1 | 19 February 2025 (Wednesday)

9:00 - 10:30 **Registration** with Coffee and Snacks

10:30 - 11:00 **Welcome and Introduction from DKN and DFG**  
Daniela Jacob, *German Committee Future Earth (DKN), Climate Service Center Germany (GERICS), Helmholtz-Zentrum Hereon*; Axel A. Brakhage, *German Research Foundation (DFG)*

11:00 - 12:30 **Panel Discussion:** “Advancing Sustainable Development: Perspectives of International Sustainability Science” with Anna-Katharina Hornidge (German Institute of Development and Sustainability), Karen O’Brien (University of Oslo), Hans-Otto Pörtner (Alfred Wegener Institute), Markus Reichstein (Max Planck Institute for Biogeochemistry), chaired by Bernd Siebenhüner (University of Oldenburg)

12:30 - 14:00 *Lunch*

14:00 - 15:30 **Parallel Sessions and Workshops**

**Session 1** – Changing Plates: Meat Alternatives as Key to Sustainable Eating (DKN Working Group “Meat Alternatives for a Nutrition Transition”), *Room: Seminar 9*  
CHAIR: Frederike Neuber, *University of Rostock; Kiel University*  
CO-CHAIR: Florian Antony, *Institute for Applied Ecology (Öko-Institut)*  
Working Group Members: Anne Klatt, *German Environment Agency*; Sebastian Lakner, *University of Rostock*; Britta Renner, *University of Konstanz*; Melanie Eva-Maria Speck, *Osnabrück University of Applied Sciences*; Achim Spiller, *University of Göttingen*; Stephanie Wunder, *Agora Agriculture*; Căcilia von Hagenow, *The Nature and Biodiversity Conservation Union (NABU e.V.)*

**Session 2** – Adaptive Governance for Sustainable Coastal Systems: Insights from the German North Sea Coast, *Room: Seminar 11*  
CHAIR: Cormac Walsh, *Future Proof Grasslands, Carl von Ossietzky University Oldenburg*  
CO-CHAIR: Bernd Siebenhüner, *Carl von Ossietzky University Oldenburg*  
SPEAKERS: Ernst Schäfer, Jule Talea Froehlich, Anne-Marie Walczuch, *Future Proof Grasslands, Carl von Ossietzky University Oldenburg*; Lara Saalfrank, *WAKOS, Carl von Ossietzky University Oldenburg*; Evke Schulte-Güstenberg, *Gute Küste, Carl von Ossietzky University Oldenburg*

**Session 3** – Systemic Sustainability: A New Chapter of Inter- and Transdisciplinary Sustainability Science, *Room: Saal*  
CO-CHAIRS: Jochen Schanze, *Leibniz Institute of Ecological Urban and Regional Development (IOER)*; Dieter Gerten, *Potsdam Institute for Climate Impact Research (PIK)*; Annette Ruml, *German Institute for Global and Area Studies (GIGA)*; Miriam Prys-Hansen, *GIGA*; Katharina Helming, *Leibniz Centre for Agriculture Landscape Research (ZALF)*

**Session 4** – Shifting Fisheries Towards Sustainability: Lessons from the Collapse of the Cod Fishery in the Western Baltic Sea, *Room: Seminar 10*  
CHAIR: Martin Friedrich Quaas, *University of Leipzig; German Centre for Integrative Biodiversity Research (iDiv)*  
CO-CHAIRS: Robert Arlinghaus, *Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB); Humboldt University of Berlin*; Christian Möllmann, *University of Hamburg*; Moritz Drupp, *University*

of Hamburg; Stefan Baumgärtner, *University of Freiburg*; Harry V. Strehlow, *Thünen Institute of Baltic Sea Fisheries (TI)*

**Session 5 – Evaluating Sustainability Impacts of Living Labs and Real-World Laboratories, Room: Seminar 8**

CO-CHAIRS: Justus von Geibler, *Wuppertal Institute for Climate, Environment, and Energy*; Martina Schäfer, *Centre for Technology and Society (ZTG)*

SPEAKERS: Jasmin Wiefek, *Centre for Technology and Society (ZTG), TU Berlin*; Justus von Geibler, Annalena Präger, Florian Feldmann, *Wuppertal Institute for Climate, Environment, and Energy*

**Session 6 – Regenerative Business: Complement of or Substitute for Corporate Sustainable Development? Room: Seminar 12**

CO-CHAIRS: Jacob Hörisch, Jakob Strobel, Julia Benkert  
*Centre for Sustainability Management, Leuphana University Lüneburg*

15:30 – 16:00 *Break*

16:00 – 17:30 **Parallel Sessions and Workshops**

**Session 7 – Inequality Beyond Money: Data, Indicators, Causality, and Modelling for Sustainability Transformations, Room: Seminar 9**

CHAIR: Stefan Pauliuk, *University of Freiburg*

CO-CHAIRS: Jakob Napiontek, Benedikt Bruckner, Peter-Paul Pichler, *Potsdam Institute for Climate Impact Research (PIK)*; Christian Hauenstein, *University of Freiburg*

**Session 8 – Boundaries in Inter- and Transdisciplinary Sustainability Research: Boundaries as Integration, Boundaries of Integration (Junior Research Group “regulate: Sustainable Groundwater Management in Europe”), Room: Seminar 11**

CHAIR: Fanny Frick-Trzebitzky, *Institute for Social-Ecological Research (ISOE)*

CO-CHAIR: Linda Söller, *Goethe University Frankfurt*

**Session 9 – Engaging the 3-Horizons for Transformative Sustainability Science: A Methods Workshop and Reflective Exercise for Asking ‘the Right Questions’, Room: Saal**

CHAIRS: Claudia Heindorf, *University of Göttingen*; Gabriela Wuelser, *Swiss Academy of Arts and Sciences (SCNAT)*

CO-CHAIRS: Laura Kmoch, Marion Jay, Maria Chiara Camporese, *University of Göttingen*; Lukas Flinzberger, *University of Kassel*; Christian Bunn, *The International Center for Tropical Agriculture (CIAT), Cali, Colombia*

**Session 10 – Belmont Forum: Research Projects (CRA: Sustainable Consumption and Production), Room: Seminar 10**

JUST GROW: Co-designing justice-centric indicators and governance principles to intensify urban agriculture sustainably and equitably

Ann-Kristin Steines and Kathrin Specht, *Research Institute for Regional and Urban Development (ILS)*

**Circularity3: Conceptualizing, Implementing and Measuring the Circular Economy from the Micro to the Macro Level**

Antonia Loibl, *Fraunhofer Institute for Systems and Innovation Research (ISI)*; Christoph Helbig, *University of Bayreuth*

**BEDROCK: Building an Evidence-Base for Deforestation-Free Landscapes: Supporting Equitable Outcomes in and Beyond Commodity Supply-Chains**

Thomas Kastner, *Senckenberg Biodiversity and Climate Research Centre (SBIK-F)*

Co-Creating Sustainable Transformations of Food Supply Chains Through  
Cooperative Business Models and Governance  
Wanda Wieczorek, Pia Laborgne, *ITAS, KIT*

**Session 11** – Climate Services in Practice: How Assessment Tools Support the  
Planning of Adaptation Measures, *Room: Seminar 11*

CHAIR: Jan Harrs, *GERICS; RegKlim; Projekt WIRKsam*

CO-CHAIRS: Laura Dalitz, *Umweltbundesamt; Projekt WIRKsam*; André Assmann, *Geomer GmbH,  
Projekt R2K-Klim+*; Rebecca Kutzner, *Forschungsinstitut für Bergbaufolgelandschaften e.V.; Projekt  
IAWAK-EE*; Matthias Soot, *TU Dresden, Projekt KlimaKonform*; Kevin Laranjeira, *IREUS, University of  
Stuttgart; Projekt WIRKsam*; Astrid Sturm, *Brandenburg Technical University Cottbus-Senftenberg*

**Session 12** – Bridging Science, Policy, and Practice: Addressing Water Security  
and Socio-Ecological Impacts in Climate Adaptation, *Room: Seminar 8*

CHAIRS: Jürgen Stamm, *Dresden University of Technology (TUD)*; Jonas Carvalho e Silva, *TU Dortmund;  
Federal University of Pará, Brazil*

CO-CHAIRS: Edeltraud Günther, *Institute for Integrated Management of Material Fluxes and of  
Resources (FLORES), United Nations University (UNU)*; Yi-Jhen Wu, *TU Dortmund*; Erlan Silva de Sousa,  
*Federal University of Tocantins, Brazil*

17:30      **Networking Session**

19:00      **Reception and Get-Together**

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## Day 2 | 20 February 2025 (Thursday)

09:00 – 10:30      **Parallel Sessions and Workshops**

**Session 13** – Our Precious Food: Food Security, Sustainable Food Choices, Dietary  
Diversity, and Reduction of Spoilage and Waste, *Room: Seminar 10*

CO-CHAIRS: Maria Katharina Gröne, *Wuppertal Institute for Climate, Environment, and Energy*; Lena  
Hennes, *Wuppertal Institute for Climate, Environment, and Energy*; Thilo M. Fuchs, *Friedrich-Loeffler-  
Institut, Jena*

SPEAKERS: Agnes Weiß, *University of Hamburg*; Jasmin Godemann, *Justus-Liebig-University Gießen*;  
Vera Lange, *Justus-Liebig-University Gießen*; Dorothee Straka, *University of Applied Sciences  
Osnabrück*; Melanie Eva-Maria Speck, *Osnabrück University of Applied Sciences; Wuppertal Institute*;  
Alexander Follmann, *University of Cologne*; Carmen Jochem, *University of Bayreuth*

**Session 14** – Emotions and Inner Transformation in Sustainability Science, *Room:  
Seminar 9*

CO-CHAIRS: Saravanan Subramanian, *German Institute of Development and Sustainability (IDOS)*; Timo  
von Wirth, *Frankfurt University; Erasmus University Rotterdam*; SPEAKERS: Petra Jansen, *University  
of Regensburg*; Lorena Eulgem, *German Institute of Development and Sustainability (IDOS)*; Ute  
Thiermann, *Imperial College London*

**Session 15** – Institutionalization of Participatory and Transdisciplinary Research  
at the Macro-, Meso-, and Micro-Levels of the Science System: Towards a  
Coordinated and Consolidated Implementation Strategy in Germany, *Room: Saal*

CHAIRS: Audrey Podann, *TU Berlin*; Daniel J. Lang, *ITAS, KIT; Gesellschaft für transdisziplinäre und  
partizipative Forschung (GTPF)*

**Session 16** – Just Bio? Intergenerational Justice, Biodiversity Loss, and the  
Sustainable Bioeconomy Transition, *Room: Seminar 11*

CO-CHAIRS: Dirk Lanzerath, *German Reference Centre for Ethics in the Life Sciences (DRZE), University of Bonn*; *Practical Challenges of Climate Change: Intergenerational Justice and Freedom (PRACC)*; Marius Bartmann, *DRZE, PRACC*; Ulrich Schurr, *Forschungszentrum Jülich; Heinrich-Heine-University Düsseldorf*; Tade Spranger, *Center for the Law of the Life Sciences (CLLS), PRACC*; Sandra Venghaus, *Forschungszentrum Jülich; PRACC*; Jens Mutke, *Bonn Institute for Organismic Biology (BIOB)*; Michael Bernstein, *Austrian Institute of Technology (AIT)*

**Session 17** – Interdisciplinary Perspectives on the Impact of Climate Change on Workplaces and Health and Safety at Work, *Room: Seminar 12*

CHAIRS: Adrien Thomas, *Luxembourg Institute of Socio-Economic Research LISER*; Nadja Dörflinger, *Federal Institute for Occupational Safety and Health (BAuA)*

SPEAKERS: Anja Kirsch, *FU Berlin*; Jule Klink, *FU Berlin*; Robin Pelkner, *BAuA*; Christian Wille, *verdi*

**Joint Session 18, Room: Seminar 8**

Learning to Change the Structures of Unsustainability: A Whole-System Perspective on Education and its Role in Sustainability Transitions

Jorrit Holst, *Free University of Berlin*

Where Does Sustainability Science Meet the Humanities in Leveraging Change?

Agnieszka Komorowska, *University of Kassel*; Andra Milcu, *Kassel Institute for Sustainability*; Arcadie Botnaru, *Kassel Institute for Sustainability*

Urban Human-Nature Partnerships – From a Positive Vision to Sustainable and Flourishing Realities

Martina Artmann, *University of Applied Sciences Weihenstephan-Triesdorf*; Jessica Böhme, *Institute for Practical ekoPhilosophy (IPeP)*; Christoph Woiwode, *Indian Institute of Technology*

10:30 – 11:00 *Break*

11:00 – 12:30 **Panel Discussion:** “Transformation in Sustainability Science – Transformation of Sustainability Science” with Christiane Joerk (German Research Foundation, DFG), Marco Fritz (DG RTD, European Commission), Kristie Ebi (University of Washington), Stefan Bartke (German Environment Agency), Daniela Jacob (Climate Service Center Germany – GERICS, Helmholtz-Zentrum Hereon), chaired by Michael Bollig (University of Cologne)

12:30 – 13:30 *Lunch*

13:30 – 16:30 **World-Café:** “Priorities for Sustainability Science”

16:30 – 17:00 *Break*

17:00 – 18:30 **Parallel Sessions and Workshops**

**Session 19** – Discussion on the Need and Possible Options for the Organization of a DACH Association for Sustainability, *Room: Seminar 10*

CO-CHAIRS: Stefan Lechtenböhrer, *University of Kassel*; Harald Heinrichs, *Leuphana University Lüneburg*; Daniel J. Lang, *Karlsruhe Institute for Technology (KIT)*,

SPEAKERS: Sarah Ryglewski, *Minister of State at the Federal Chancellery*; Dan Brown, *University of Washington*

**Session 20** – Assessing Risks and Benefits of Technologies in Scenarios for Sustainability Transformations (DKN Working Group “RiskTransScens”), *Room: Seminar 9*

CO-CHAIRS: Sabine Fuss, *Mercator Research Institute on Global Commons and Climate Change*; Jana Sillmann, *University of Hamburg*; Center for International Climate Research Oslo (CICERO); Pia-Johanna Schweizer, *Helmholtz Centre Potsdam*; Hermann Held, *University of Hamburg*

**Session 21 – Why Is Climate Mitigation and Adaptation So Slow? Perspectives From the Social Sciences, the Humanities, etc. (German Climate Consortium, DKK),  
Room: Saal**

CHAIR: Angela Oels, *DKK; Centre for Climate Resilience, University of Augsburg*

CO-CHAIR: Tilman Santarius, *DKK*

SPEAKERS: Mark Lawrence, *Research Institute for Sustainability (RIFS)*; Jan Wilkens, *CLICCS (Climate, Climatic Change and Society), University of Hamburg*; Antje Bruns, *Academy for Territorial Development in the Leibniz Association (ARL)*

DISCUSSANT: Daniela Jacob, *DKN; Climate Service Center Germany (GERICS)*

**Session 22 – Towards Green AI in Medicine, Room: Seminar 12**

CO-CHAIRS: Peter Boor, *RWTH Aachen University*; Martin Strauch, *RWTH Aachen University*

SPEAKERS: Loïc Lannelongue, *University of Cambridge*; Cristina Richie, *University of Edinburgh*; Raghavendra Selvan, *University of Copenhagen*; Peter Boor, *RWTH Aachen University*

**Session 23 – Transdisciplinary Interface Management in Sustainability Science Projects: Good Practices, Institutionalization, and Training, Room: Seminar 8**

CHAIR: Katja Brundiers, *University of Freiburg*

CO-ORGANIZERS: Chantal Krumm, Flurina Schneider, *Transdisciplinarity Institute for Socio-Ecological Research (ISOE)*; Felix Beyers, *Research Institute for Sustainability (RIFS)*; Nina Kulawik and Dörte Peters, *Sustainability Innovation Campus (ICN); University of Freiburg*; Andra Milcu, *Kassel Institute for Sustainability*; Viola Hakkarainen, *Leuphana University Lüneburg; University of Helsinki*; Karoline Augenstein, *Center for Transformation Research and Sustainability (TransZent), University of Wuppertal*

SPEAKERS: Fletcher Beaudoin, *Institute of Sustainability Solutions, Portland State University*; Philip Bernert, *Research Institute for Sustainability (RIFS)*; Holger Hoff, *Field of Excellence Climate Change, University of Graz*; Anne Nelissen and Iris Bos, *Community Hubs, Utrecht University*; Miriam Jordan, *Innovation Campus Sustainability (ICN); Karlsruhe Institute of Technology (KIT)*; Braden Kay, *Community-City-University Partnership City of Tempe and Arizona State University*; Daniel J. Lang, *KIT*; Stefanie Meyer, *Leuphana University Lüneburg*; Anna Häring, *Eberswalde University for Sustainable Development*; Melanie Mbah, *Institute for Applied Ecology (Öko-Institut)*; Alexandra Ramey, *University of Freiburg*

**Session 24 – Designing and Monitoring Impact-Oriented Sustainability R&I Funding, Room: Seminar 11**

CHAIRS: Gabriela Wuelser, *Swiss Academy of Arts and Sciences (SCNAT)*; Katrin Ostertag, *Fraunhofer Institute for Systems and Innovation Research (ISI)*

CO-CHAIRS: Katharina Helming, *Leibniz Centre for Agricultural Landscape Research*; Rainer Walz, *Fraunhofer Institute for Systems and Innovation Research (ISI)*

18:30 – 18:45 *Break*

18:45 – 20:15 **Panel Discussion:** “Science-Policy Interface: Challenges and Opportunities” with Katrin Böhning-Gaese (Helmholtz Centre for Environmental Research), Mark Lawrence (Research Institute for Sustainability), Jakob Lundberg (Future Earth Sweden Hub), Dirk Messner (German Environment Agency), chaired by Axel Berger (German Institute of Development and Sustainability)

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**Day 3 | 21 February 2025 (Friday)**

08:30 – 10:00 **Parallel Sessions and Workshops**

**Session 25 – Sustainability Science Meets Development Studies: How Can Synergies Between Both Research Programs Be Strengthened? Room: Seminar 11**

CHAIRS: Katja Bender, *International Centre for Sustainable Development (IZNE), Bonn-Rhein-Sieg University of Applied Sciences*; Sebastian Heinen, *IZNE, Bonn-Rhein-Sieg University of Applied Sciences*; Susanne von Itter, *European Association of Development Research and Training Institutes (EADI)*; CO-CHAIRS: Basile Boulay, *EADI*; Stefanie Meilinger, *IZNE*; Sanjana Rajasekar, *IZNE*; Alfredo Saad-Filho, *Queen's University Belfast*

**Session 26 – Interactive Spatial Tools for Socially Inclusive Integration of Energy Transitions and Ecosystem Restoration, Room: Seminar 12**

CO-CHAIRS: Fritz Kleinschroth, *Institute of Environmental Planning, Leibniz University Hannover; Department of Environmental System Sciences (D-USYS), ETH Zurich*; Xuezhu Zhai, Yilin Huang, Eva Lieberherr, *D-USYS, ETH Zurich*; Christina von Haaren, *Institute of Environmental Planning*

**Session 27 – Exploring Pathways for Integrating Disciplinary and Transdisciplinary Research in Real-World Laboratories to Enhance Transformative Science (DKN AG “LinkLab”), Room: Saal**

CHAIR: Daniel J. Lang, *Institute for Technology Assessment and System Analysis (ITAS), Karlsruhe Institute of Technology (KIT)*  
CO-CHAIRS: Annika Weiser, *ITAS, KIT*; Veronika Stein, *ITAS, KIT*

**Session 28 – Knowing Better, Doing Better: Stocktaking of the UN Agenda 2030, Room: Seminar 8**

CO-CHAIRS: Sandra Venghaus, *Forschungszentrum Jülich; RWTH Aachen University*; Daniel Kammen, *Goldman School of Public Policy, University of California, Berkeley; Department of Nuclear Engineering*; SPEAKERS: Magdalena Klemun, *Hong Kong University of Science and Technology*; Youba Sokona, *African Institute for Sustainable Energy and Systems Analysis*; Felix Creutzig, *Mercator Research Institute on Global Commons and Climate Change*

**Session 29 – Session of the New DKN Working Groups, Room: Seminar 9  
Green Skills for Implementing Public Policy Programs**

Daniel Reimsbach, *University of Paderborn*

**Resilient Circular Economy 5.0 in a Global Context**

Christian Wolf, *Cologne University of Applied Sciences*; Henning Wilts, *Wuppertal Institute for Climate, Environment, and Energy*

**Critical Elements for the Energy and Climate Transition: Local Sustainability and Global Development of Georesources**

Johan Lilliestam, *University of Erlangen-Nuremberg (FAU)*

**Rethinking Sustainable Development Through Post Growth**

Matthias Kranke, *University of Kassel*

**Reforming European Biodiversity Protection (BIODIVREFORM)**

Birgit Peters, *University of Trier*

**Session 30 – Future Earth Discussion Session, Room: Seminar 10**

10:00 – 10:30 *Break*

10:30 – 12:00 **Parallel Sessions and Workshops**

**Session 31 – Planning Cultures and Cultural Dimensions of the Energy Transition,  
Room: Seminar 8**

CHAIR: Thomas Weith, *Research Institute for Regional and Urban Development (ILS)*

CO-CHAIR: Melanie Mbah, *Institute for Applied Ecology (Öko-Institut)*

SPEAKERS: Ingo Uhlig, *Institute for Climate Protection, Energy and Mobility (IKEM)*; Sarah Friese, *Research Institute for Regional and Urban Development (ILS)*; Jonas Marschall, *Research Institute for Regional and Urban Development (ILS)*; Felix Zoll, *Leibniz Centre for Agricultural Landscape Research (ZALF)*; Alexandra Doernberg, *Leibniz Centre for Agricultural Landscape Research (ZALF)*

**Session 32 – Sustainability at the Origin: Mining as a Global Transformation Field,  
Room: Seminar 11**

CHAIR: Anna Schomberg, *Sustainable Technology Design, Kassel Institute for Sustainability*

CO-CHAIRS: Stefan Lechtenböhmer, *Geography, Economics and Political Science, Kassel Institute for Sustainability*

SPEAKERS: Andreas Gutmann, *Law, University of Kassel*; Victor Maus, *Ecological Economics, Vienna University of Economics and Business*; Hannes Warnecke-Berger, *Political Sciences, University of Kassel*

**Joint Session 33, Room: Seminar 9**

**Freshwater Ecosystems and Biodiversity: A Truly Cross-Cutting Topic, Missing at Future Earth**

Sonja Jähmig and Sibylle Schroer, *Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB)*

**Safe, Healthy and Environmentally Friendly Ship Recycling Through Automation**

Stefan Groß, *Robotics and Mechatronics, RWTH Aachen University*

**Co-Creation: More Than a Trend? Building an Interdisciplinary Approach to Joint Understanding Across Sustainability Research Stream**

Mahsa Motlagh, *Kassel Institute for Sustainability*; Ina M. Sieber, *University of Kassel*

**Session 34 – Metrology and Reliable Measurement Results Supporting Smart and Sustainable Decisions, Room: Seminar 12**

CO-CHAIRS: Olav Werhahn, Joanna Freyse, Fabian Plag, Mareike Wilms, *Physikalisch-Technische Bundesanstalt (PTB), Germany's National Metrology Institute*; Céline Pascale, *Federal Institute of Metrology (METAS), Switzerland*

**Session 35 – We're All in This Together: Shifting Roles of Scientists in the Socio-Ecological Transformation, Room: Saal**

CHAIR: Pavel Kambersky, *Future Earth, CNRS*

SPEAKERS: Gabriela Wuelser, *Swiss Academy of Arts and Sciences (SCNAT)*; Wolfgang Cramer, *French National Committee to Future Earth*; Anke Schaffartzik, *Austrian National Committee to Future Earth*; Nana-Maria Grüning, *Charité Berlin*

**Session 36 – Advancing Sustainability in Teaching and University: Best Practices and Challenges, Room: Seminar 10**

CHAIR: Sarah Wedde, Franziska M. Hoffart and Stefan Lechtenböhmer, *Kassel Institute for Sustainability*

12:00 – 13:00 *Lunch*

13:00 – 14:00 **Fishbowl Discussion: “Advancing Sustainable Development”**

14:00 – 14:30 **Summit Conclusions and Looking Forward**

14:30 **Goodbye**