

GERMAN **SUSTAINABILITY SCIENCE** SUMMIT 2021

8 / 9 JULY 2021 | INTERACTIVE VIRTUAL EVENT

Program Overview (Detailed Program below)

Pre-Summit Event

07 July 2021 (Wednesday)

14:00 - 15:30 CEST

Early Career Researcher Workshop (*Short talks, panel discussion, plenary discussion*)

Summit Program (Times are CEST)

Day 1

08 July 2021 (Thursday)

AFTERNOON

13:00 – 13:20 **Welcome from DKN and DFG** (*Plenary Session*)

13:20 – 14:00 **Introduction to DKN focus topics** (*Plenary Session*)

14:00 – 15:30 **Panel Discussions on DKN focus topics** (*Parallel Sessions*)

15:45 – 16:30 **Conclusions from parallel sessions and outlook** (*Plenary Session*)

16:30 – 17:30 **Scientific Session Block I** (*Parallel Sessions*)

EVENING

19:00 – 20:00 **DKN Get Social**

Day 2

09 July 2021 (Friday)

MORNING

09:30 – 09:45 **Introduction** (*Plenary Session*)

09:45 – 10:45 **Science Policy Session** (*Panel Discussion*)

10:45 – 11:45 **Science Policy Session Block** (*Parallel Sessions*)

11:45 – 12:00 **Conclusions from parallel sessions and wrap-up** (*Plenary Session*)

AFTERNOON

13:00 – 13:20 **Welcome Day 2** (*Plenary Session*)

13:20 – 14:20 **Scientific Session Block II** (*Parallel Sessions*)

14:20 – 15:20 **Science Session** (*Plenary Panel Discussion*)

15:45 – 16:45 **Poster Session** (*Online Poster Session*)

16:45 – 17:45 **Perspectives of international sustainability science** (*Plenary Panel, Discussion*)

17:45 – 18:00 **Summit Conclusions** (*Plenary Session*)

GERMAN SUSTAINABILITY SCIENCE SUMMIT 2021

8 / 9 JULY 2021 | INTERACTIVE VIRTUAL EVENT

Detailed Program

Pre-Summit Event

07 July 2021 (Wednesday)

14:00 - 15:30 CEST

Early Career Researcher Workshop (*Short talks, panel discussion, plenary discussion*)

Inter- and Transdisciplinarity in sustainability science - opportunities and challenges for early career scientists.

HOSTS: Dr. Jorge Saturno, *YESS community | Physikalisch-Technische Bundesanstalt, Braunschweig, Germany*

Dr. Faten Bahar *YESS community | University of Carthage, Tunisia Polytechnic School, La Marsa, Tunisia*

PANELISTS: Prof. Dr. Alexander Fekete, *Institute of Rescue Engineering and Civil Protection, TH Köln – University of Applied Sciences, Cologne, Germany*

Prof. Dr. Birgit Blättel-Mink, *Department of Social Sciences, Institute for Sociology, Johann Wolfgang Goethe-University Frankfurt am Main, Frankfurt am Main, Germany*

Antje Brock, *German ECS Netzwerk | Institut Futur, Freie Universität Berlin, Berlin, Germany*

Summit Program (Times are CEST)

Day 1

08 July 2021 (Thursday)

AFTERNOON

13:00 – 13:20 **Welcome from DKN and DFG** (*Plenary Session*)

Prof. Dr. Daniela Jacob, *Climate Service Center Germany (GERICS), Helmholtz-Zentrum hereon GmbH, Hamburg, Germany*

Dr. Christiane Joerk, *Programmdirektorin, Gruppe Geistes- und Sozialwissenschaften 2: Sozial- und Verhaltenswissenschaften, DFG, Bonn, Germany*

13:20 – 14:00 **Introduction to DKN focus topics (Plenary Session)**

HOST: DKN

14:00 – 15:30 **Panel Discussions on DKN focus topics (Parallel Sessions)**

Session PP1 - Normativity in Sustainability Research

HOSTS: Prof. Dr. Imme Scholz, *German Development Institute / Deutsches Institut für Entwicklungspolitik (DIE), Bonn, Germany*

Prof. Dr. Konrad Ott, *Department of Philosophy, Christian-Albrechts-Universität zu Kiel (CAU), Kiel, Germany*

Prof. Dr. Martin Quaas, *Biodiversity Economics, Department of Economics, Leipzig University, Leipzig, Germany | German Centre for Integrative Biodiversity Research (iDiv), Halle-Jena-Leipzig, Germany*

PANELISTS: Prof. Dr. Melissa Leach, *Institute of Development Studies (IDS), University of Sussex, Brighton, UK*

Dr. Jana Zscheischler, *Leibniz-Zentrum für Agrarlandschaftsforschung (ZALF) e. V., Müncheberg, Germany*

Prof. Dr. Raphael Ziegler, *HEC Montreal, Montreal, Canada*

Session PP2 - Extreme events: collapse or resilience? - the role of health, well-being and social cohesion for reaching the sustainable development goals

HOSTS: Prof. Dr. Michael Bollig, *Department of Social and Cultural Anthropology, Board Member of the Global South Studies Center (GSSC), University of Cologne, Cologne, Germany*

Prof. Dr. Markus Reichstein, *Department Biogeochemical Integration, Max Planck Institute for Biogeochemistry, Jena, Germany*

PANELISTS: Prof. Dr. Alexander Fekete, *Institute of Rescue Engineering and Civil Protection, TH Köln – University of Applied Sciences, Cologne, Germany*

Prof. Dr. Terry Hartig, *Uppsala University, Institute for Housing and Urban Research, Department of Psychology, Uppsala, Sweden*

Dr. Michael Miess, *Complexity science hub, Vienna, Austria*

Dr. Kira Vinke, *Potsdam Institute for Climate Impact Research, Potsdam, Germany*

Session PP3 - Diet, Biodiversity and Health - the role of sustainable diets for healthy people and healthy ecosystems

HOSTS: Prof. Dr. Aletta Bonn, *Helmholtz - Centre for Environmental Research – UFZ , Leipzig, Germany, Friedrich-Schiller-Universität Jena, Jena, Germany | German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig, Germany*

Prof. Dr. Ute Nöthlings, *Institute for Nutritional and Food Sciences, Nutritional Epidemiology, Rheinische Friedrich-Wilhelms-Universität Bonn, Bonn, Germany*

PANELISTS: Prof. Dr. Jan Börner, *Institute for Food and Resource Economics, Faculty of Agriculture, Rheinische Friedrich-Wilhelms-Universität Bonn, Bonn, Germany*

Prof. Dr. Ina Danquah, *Universität Heidelberg, Faculty of Medicine, Heidelberg Institute of Global Health (HIGH), Heidelberg, Germany*

Prof. Dr. Britta Renner, *Universität Konstanz, Department of Psychology, Konstanz, Germany*

Prof. Nynke Schulp, *Vrije Universiteit Amsterdam, IVM Institute for Environmental Studies, Environmental Geography, Amsterdam, The Netherlands*

Prof. Dr. Teja Tscharntke, *Agroecology, Department of Crop Sciences, Center of Biodiversity and Sustainable Land Use, Georg-August-Universität Göttingen, Göttingen,, Germany*

Session PP4 - Scale challenges in climate change, risk and adaptation research in the context of sustainable development

HOSTS: Prof. Dr. Jörn Birkmann, *Institute of Spatial and Regional Planning IREUS, University of Stuttgart, Stuttgart, Germany*

Prof. Dr. Daniela Jacob, *Climate Service Center Germany (GERICS), Helmholtz-Zentrum hereon GmbH, Hamburg, Germany*

PANELISTS: Prof. Dr. Emily Boyd, *Centre for Sustainability Studies (Lucsus), Lund University, Lund, Sweden*

Prof. Dr. Helena Freitas, University of Coimbra, Coimbra, Portugal
Prof. Dr. Jörg Knieling, Hafen City Universität Hamburg, Hamburg, Germany
Christian Günner, Hamburg Wasser, Hamburg, Germany

15:30 – 15:45 **Break**

15:45 – 16:30 **Conclusions from parallel sessions and outlook (Plenary Session)**

HOST: DKN

16:30 – 17:30 **Scientific Session Block I (Parallel Sessions)**

Session SSI1 - How to distribute scarce international funding? The example of climate change adaptation finance

HOST: Prof. Christian Baatz, *Sustainability and Global Justice at the Department of Philosophy, Christian-Albrechts-Universität zu Kiel (CAU), Kiel, Germany*

SPEAKERS: Prof. Dr. Carola Klöck, *Center for international Studies (CERI), Sciences Po, Paris, France*

Dr. Alexander Schulan, *Philosophisches Seminar, Faculty of Arts and Humanities, Christian-Albrechts-Universität zu Kiel (CAU), Kiel, Germany*

Session SSI2 - Phylogenetic and genetic diversity: linking past and contemporary evolution to sustainability

HOST: Prof Dr Luc De Meester, *Scientific, Director of IGB (Leibniz-Institute of Freshwater Ecology and Inland Fisheries), Berlin, Germany | Full Professor at Freie Universität Berlin, Berlin, Germany and KU Leuven, Leuven, Belgium | Co-chair of EvolvES (formerly bioGENESIS)*

SPEAKERS: Prof. Dr. Rees Kassen, *University of Ottawa, Ottawa, Canada*

Dr. Mauricio Bellon, *Research Professor at Swette Center for Sustainable Food Systems, Arizona State University | fellow at National Commission for the Use and Knowledge of Biodiversity (CONABIO), Mexico City, Mexico | affiliate of the Gund Institute for the Environment at the University of Vermont, Burlington, USA*

Dr. Licia Colli, *Università Cattolica del Sacro Cuore, Piacenza, Italy*

Session SSI4 - Critical reflection on power relations and the transformative role of participation in sustainability science and governance

HOSTS/SPEAKERS: Dr. Stephanie Domptail, *Senior researcher, Justus-Liebig University of Giessen, Giessen, Germany*

Prof. Dr. Martin Petrick, *Professor for Agricultural, Food and Environmental Policy, Justus-Liebig University of Giessen, Giessen, Germany*

Dr. Torsten Grothmann, *Senior scientist and project manager, Carl von Ossietzky University of Oldenburg, Oldenburg, Germany*

Prof. Dr. Tobias Krueger, *Geography Department & IRI THESys, Humboldt-Universität zu Berlin, Germany*

Session SSI5 - Water Security and Climate Change Adaptation: understanding the complexity of a global challenge

HOSTS/SPEAKERS: Prof. Dr. Jürgen Stamm, *Speaker of the School of Civil and Environmental Engineering, Dean of the Faculty of Civil Engineering, Director of the Institute of Hydraulic Engineering and Technical Hydromechanics and Chair of Hydraulic Engineering, Technische Universität Dresden, Dresden, Germany*

Prof. Dr. Holger Schüttrumpf, *Institute of Hydraulic Engineering and Water Resources Management, RWTH Aachen University (RWTH), Aachen, Germany*

MODERATOR: Ms. Hasmik Barseghyan, *President of the European Youth Parliament for Water | UNFCCC COP16 Coordinator for Armenia | World Water Quality Alliance, member of the core team | CIPSEM Alumni of the "42 nd UNEP/UNESCO/BMU International Postgraduate Course on Environmental Management" at TU Dresden, 2019, Dresden, Germany*

SPEAKERS: Prof. S.A. Sannasiraj, *Department of Ocean Engineering, Indian Institute of Technology Madras (IITM), Madras, India*
Prof. Mukand Babel, *Water Engineering and Management, Chair of Climate Change Asia at AIT, Asian Institute of Technology, Thailand*
Prof. Edeltraud Günther, *Director, United Nations University, Institute for Integrated Management of Material Fluxes and of Resources (UNU-FLORES), Germany*

Session SSI6 - Sustainability from an Integrated Earth System Research View

HOSTS/SPEAKERS: Prof. Dr. Jochen Schanze, *Leibniz Research Network „Integrated Earth System Research“*
Prof. Dr. Dieter Gerten, *Leibniz Research Network „Integrated Earth System Research“*

SPEAKERS: Prof. Dr. Ulrich Bathmann, *Leibniz Institute for Baltic Sea Research Warnemünde, Rostock, Germany*
Prof. Dr. Andreas Mulch, *Deputy Director General, Senckenberg Society for Nature Research, Leibniz Institution for Biodiversity and Earth System Research (SGN), Frankfurt am Main, Germany*
Claas Schneiderheinze, *PhD candidate, Kiel Institute for the World Economy, Kiel, Germany*

Session SSI7 - "Fragmented Ways" – Debating Facets of Mobility Justice in Sustainable Transition Research

HOSTS: Prof. Dr. Antonia Graf, *Junior Professor for Global Environmental Governance Westfälische Wilhelms-Universität, Institute for Political Science, Muenster, Germany*
Berenike Feldhoff, *Westfälische Wilhelms-Universität, Muenster, Germany*
Julia Hansel, *Westfälische Wilhelms-Universität, Muenster, Germany*
Nils Stockmann, *Westfälische Wilhelms-Universität, Muenster, Germany*

SPEAKERS: Heather Allen, *Independent expert on sustainable transport, gender and climate change, Brussels, Belgium*
Anne Kantel, *PhD. Researcher on injustices in a global south dimension, American University, alumna, USA*
Katja Leyendecker, *PhD. Consultant and project manager for gender and mobility, alma mater, Northumbria University, Newcastle-upon-Tyne, UK*
Prof. Dr. Karen Lucas, *Professor of human geography, School of Environment, Education and Development, University of Manchester, UK*
Lena Osswald, *Freelance consultant, speaker and activist for a radically inclusive mobility transition, Berlin, Germany*
Tanu Priya Uteng, *PhD. Senior research planner, Institute of Transport Economics, Oslo, Norway*

Session SSI8 - Sustainability and Freedom

HOST: Kira Meyer, M.A., *research associate and PhD student at the Department of Philosophy, Christian-Albrechts-Universität zu Kiel (CAU), Kiel, Germany*

SPEAKER: Dr. Mike Hannis, *Senior Lecturer in Ethics, Politics and Environment, School of Humanities, Bath Spa University, Bath, UK*

Session SSI9 - MA Sustainability Research: Analyse! Valuate! Shape! Educating the next generation in Passau

HOSTS: Prof. Martina Padmanabhan, *Chair of Comparative Development and Cultural Studies, Universität Passau, Passau, Germany*
Prof. Anna Henkel, *Chair of Sociology of Technology and Sustainable Development, Universität Passau, Passau, Germany*
Prof. Suleika Bort, *Chair of International Management and Social Entrepreneurship, Universität Passau, Passau, Germany*

DISCUSSANTS: Dr. Anna Antonova, *Director of Environmental Humanities Development, Rachel Carson Center for Environment and Society, Ludwig-Maximilian- Universität München, Munich, Germany*
Dr. Hanna Straß-Senol, *Director of Environmental Humanities Development, Rachel Carson Center for Environment and Society Coordinator IDK "Rethinking Environment", Ludwig-Maximilian- Universität München, Munich, Germany*

Session SSI10 - True Food Pricing

HOST: Prof. Dr. Susanne Stoll-Kleemann, *Geographer and Political Scientist, Chair of Sustainability Science and Applied Geography, University of Greifswald, Greifswald, Germany*

SPEAKERS: Dr. Stefan Ewert, *Political Scientist and Landscape Ecologist, Research Associate, Interdisciplinary Centre for Baltic Sea Region Research (IFZO) and Greifswald Mire Centre (GMC), University of Greifswald, Germany*

Amelie Michalke, *M.Sc., Business Engineer, Research Associate, Chair of Sustainability Science and Applied Geography, University of Greifswald, Germany*

Henriette Rau, *M.Sc., Health Care Manager, Research Associate, Chair of Sustainability Science and Applied Geography, University of Greifswald, Germany*

Susanne Nicolai, *M.Sc., Psychologist, Research Associate, Chair of Sustainability Science and Applied Geography, University of Greifswald, Germany*

Lennart Stein, *B.Sc., Sustainable Geographer, Research Assistant, Chair of Sustainability Science and Applied Geography, University of Greifswald, Germany*

Rosalie Fichtner, *B.Sc., Sustainable Geographer, Research Assistant, Chair of Sustainability Science and Applied Geography, University of Greifswald, Germany*

EVENING

19:00 – 20:00 **DKN Get Social**

Virtual online open platform for networking and social get together to meet and greet with everybody on the conference.

Virtual Exhibition: Climate Action in Arts, Kuratorin: Anke Schlüsen-Rico, *Climate Service Center Germany (GERICS), Helmholtz-Zentrum hereon GmbH, Hamburg, Germany*

Day 2

09 July 2021 (Friday)

MORNING (the times for the morning Science Policy Sessions may change if necessary)

09:30 – 09:45 **Introduction (Plenary Session)**

Host: DKN

09:45 – 10:45 **Science Policy Session (Panel Discussion)**

Session SP1 - Science as a transformative lever for sustainable development – science policy as a game changer

HOSTS: Prof. Dr. Anna-Katharina Hornidge, *Sustainable Development Solutions Network (SDSN) Germany | German Advisory Council on Global Change (WBGU) | German Development Institute / Deutsches Institut für Entwicklungspolitik (DIE), Bonn, Germany*
Dr. Sabrina Schulz, *Sustainable Development Solutions Network (SDSN) Germany*

PANELISTS: Prof. Dr. Anna-Katharina Hornidge, *Sustainable Development Solutions Network (SDSN) Germany | German Advisory Council on Global Change (WBGU) | German Development Institute / Deutsches Institut für Entwicklungspolitik (DIE), Bonn, Germany*
Prof. Dr. Jacquie McGlade, *Professor of Natural Prosperity, Sustainable Development and Knowledge Systems, Institute for Global Prosperity, London, UK*

R. Andreas Kraemer, *Founder & Director Emeritus Ecologic Institute, non-executive Director of the Fundação Oceano Azul, Lisbon, Portugal*

DISCUSSANT: Dr. Steffi Ober, *initiator and head of the project „Forschungswende“, an online portal to bring the views and expertise of civil society into science policy-making, Berlin, Germany*

10:45 – 11:45 **Science Policy Session Block (Parallel Sessions)**

Session SP2 - Knowledge Production around the SDGs: Rewards and Recognition in a Global Context

HOST: Dr. Max Voegler, *VP Global Strategic Networks DACH, Elsevier, Germany*

SPEAKERS: Rachel Martin, *Information Industry Relations and Communications, Elsevier, Germany*

Dr. Graham Harrison, *Senior Science and Technology Consultant, World Bank*

Prof. Dr. Klaus Kümmerer, *Sustainable Chemistry and Material Resources, Leuphana University, Lüneburg, Germany*

Christian Schwaegerl, *investigative and science journalist | co-founder of RiffReporter*

Session SP3 - The Lack of Rationality in the Debates on Climate Policies: An Attempt to Shed Light on this Puzzle

HOSTS: Prof. Dr. Andreas Freytag, *Friedrich-Schiller-University Jena, Jena, Germany | University of Stellenbosch and STIAS, Stellenbosch, South Africa*

JProf. Dr. Matthias Menter, *Friedrich-Schiller-University Jena, Jena, Germany*

SPEAKERS: Thomas Chen, *Academy for Mathematics, Science, and Engineering, Morris Hill, USA*

Dr. Fritz Reusswig, *Urban Transformations, Research Domain 2 (Climate Resilience), Potsdam Institute for Climate Impact Research (PIK) e.V., Potsdam, Germany*

Prof. Dr. Uwe Schneidewind, *Mayor of Wuppertal and Club of Rom, Wuppertal, Germany*

Prof. Dr. Joachim Weimann, *Otto von Guericke University Magdeburg, Magdeburg Germany*

Session SP4 - "Biodiversity Mainstreaming" and its relevance for a more sustainable conservation and utilization of nature

HOSTS: Prof. Dr. Volker Mosbrugger, *Spokesman of the BMBF Research Initiative for the Conservation of Biodiversity (FEa), Senckenberg Research Institute, Frankfurt, Germany*
Dr. Julian Taffner, *Head of the Central Coordination of the BMBF Research Initiative for the Conservation of Biodiversity (FEa), Senckenberg Research Institute, Frankfurt, Germany*
Dr. Philipp Sprenger, *Research Assistant at the Central Coordination of the BMBF Research Initiative for the Conservation of Biodiversity (FEa), Senckenberg Research Institute, Frankfurt, Germany*

DISCUSSANTS: Agnes Becker, *Ecological Democratic Party (ÖPD), Regional Association Bavaria, Passau, Germany*

Ralf Schulte, *Department of Nature Conservation and Environmental Policy, NABU e.V, Berlin, Germany*

Dr. Sonja Geiger, *Chair for Consumer Research, Justus-Liebig-University Gießen, Gießen, Germany*

Prof. Dr. Aletta Bonn, *Department Ecosystem Services, Helmholtz-Centre for Environmental Research – UFZ, Leipzig, Germany; Friedrich-Schiller-Universität Jena, Jena, Germany; German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig, Germany*

11:45 – 13:00 **Break**

AFTERNOON

13:00 – 13:20 **Welcome Day 2 (Plenary Session)**

Prof. Dr. Daniela Jacob, *Climate Service Center Germany (GERICS), Helmholtz-Zentrum hereon GmbH, Hamburg, Germany*

Dr. Heide Ahrens, *DFG Secretary General, Bonn, Germany*

13:20 – 14:20 **Scientific Session Block II (Parallel Sessions)**

Session SSII1 - Synergies and trade-offs for the multiple usages of land on our way to climate neutrality

DKN Working Group: Modelling Human-EnviRonMental InTeractions In the ANthropocene (HERMITIAN)

HOSTS:

DKN Working Group HERMITIAN

Prof. Dr. Julia Pongratz, *Lehrstuhl für Physische Geographie und Landnutzungssysteme, Director of the Department of Geography, Faculty of Geosciences, Ludwig-Maximilians-Universität (LMU), Munich, Germany*

Prof. Dr. Victor Brovkin, *Climate-Biogeosphere Interactions, Land in the Climate System, Max-Planck-Institut für Meteorologie, Hamburg, Germany*

Dr. Galina Churkina, *Potsdam Institut für Klimafolgenforschung, Potsdam, Germany*

Dr. Jonathan F. Donges, *Department of Earth System Analysis, Potsdam Institut für Klimafolgenforschung, Potsdam, Germany*

Prof. Dr. Matthias Garschagen, *Chair in Human Geography, Ludwig-Maximilians-University München (LMU), München, Germany | IPCC Lead Author (SROCC, AR6 and SYR)*

Prof. Dr. Tobias Kueimmerle, *Geographisches Institut, Humboldt-Universität zu Berlin, Berlin, Germany*

Dr. Thomas Kastner, *Senckenberg Biodiversität und Klima Forschungszentrum, Frankfurt am Main, Germany*

Prof. Dr. Mark Rounsevell, *Institut für Meteorologie und Klimaforschung Atmosphärische Umweltforschung (IMK-IFU), und Institut für Geographie und Geoökologie (IFGG), Karlsruher Institut für Technologie (KIT), Karlsruhe, Germany*

Prof. Dr. Jürgen Scheffran, *Research Group Climate Change and Security, Institut für Geographie, Universität Hamburg, Hamburg, Germany*

Session SSII2 - Science narratives in policy advice – for exploring the coastal-marine science-society-policy nexus

DKN Working Group: Anticipating and Transforming Coastal Futures

HOSTS: Prof. Dr. Anna-Katharina Hornidge, *German Development Institute / Deutsches Institut für Entwicklungspolitik (DIE), Sustainable Development Solutions Network (SDSN) Germany, Bonn, Germany*

Dr. Sebastian Ferse, *Future Earth Coast & Leibniz Center for Tropical Marine Research, Bremen, Germany*

SPEAKERS: Dr. Michael Siebert, *Deutsche Gesellschaft für internationale Zusammenarbeit (GIZ), Bonn, Germany*

Dr. Jacqueline Uku, *President of Western Indian Ocean Marine Science Association (WIOMSA) | Kenya Marine and Fisheries Research Institute (KMFRI), Mombasa, Kenya*

Prof. Dr. Martin Visbeck, *Head of the Research Unit: Physical Oceanography, Ocean Circulation and Climate Dynamics, GEOMAR Helmholtz-Centre for Ocean Research Kiel, Kiel Germany*

Ilka Wagner, *National Representative to the Wadden Sea World Heritage Board, Wilhelmshaven, Germany | Head of Division Marine Nature Conservation, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU), Germany*

Session SSII3 - Sustainable, transformative and circular bioeconomy

DKN Working Group: Nachhaltige, transformative und zirkuläre Bioökonomie

HOSTS: Prof. Dr. Daniela Thrän, *Department Bioenergie, Helmholtz-Zentrum für Umweltforschung (UFZ) Leipzig, Leipzig, Germany*

Prof. Dr. Ulrich Schurr, *Institut für Pflanzenwissenschaften, Forschungszentrum Jülich, Jülich, Germany*

SPEAKERS: Dr. Bettina Brohmann, *Öko-Institut e.V. Institute for Applied Ecology, Darmstadt, Germany*

Uwe R. Fritsche, *Scientific Director, IINAS – International Institute for Sustainability Analysis & Strategy, Darmstadt, Germany*

Dr. Steffi Ober, *Team leader Economics and Research Policy | NABU - Naturschutzbund Deutschland e.V., Berlin, Germany*

Session SSII4 - Spatiality in sustainability science: Contrasting perspectives to accelerate transformation

HOSTS: Prof. Dr. Marc Wolfram, *Director, Leibniz Institute of Ecological Urban and Regional Development, Dresden, Germany | Spokesperson, Leibniz Research Network Knowledge for Sustainable Development*

SPEAKERS: Prof. Dr. Christine Fürst, *Department for Sustainable Landscape Development, Universität Halle-Wittenberg, Halle, Germany*

Prof. Dr. Jannika Mattes, *Professorship for Organisation and Innovation, CvO-Universität Oldenburg, Oldenburg, Germany*

Prof. Dr. Richard Cowell, *School of Geography and Planning, Cardiff University, Cardiff, UK*

Session SSI15 - Zero Carbon City Munich, Germany, through Water-Energy-Food (WEF) Nexus-based infrastructure development

HOSTS: Dr. Daphne Keilmann-Gondhalekar, *Chair of Urban Water Systems Engineering, Technical University of Munich (TUM), Munich, Germany*

Dr. Saravanan Subramanian, *German Development Institute (DIE), Environmental Governance, Bonn, Germany*

SPEAKERS: Dr. Wolfgang Stefinger, *Member of German Parliament & Committees on Education, Research and Technology Assessment, and on Economic Cooperation and Development, Germany*

Mr. Ramon Arndt, *Climate Neutral City Manager, Munich, Germany*

Dr. Ines Dombrovsky, *Head of Environmental Governance Program, German Development Institute (DIE), Bonn, Germany*

Prof. Jörg Drewes, *Chair of Urban Water Systems Engineering, Technical University of Munich (TUM), Munich, Germany*

Ms. Ruth Erlbeck, *former German International Cooperation (GIZ), Cluster Coordinator Environment and Sustainable Infrastructure Egypt and GIZ Urban Nexus: Integrated Resources Management in Asian Cities*

Dr. Nandani Lynton, *Global Head, Organizational Growth, Siemens Energy*

In collaboration with BMW Foundation Responsible Leaders Network and Scientists for Future (S4F)

Session SSI16 - Capacity building for monitoring and fostering sustainable use of biological diversity

HOSTS: Dr. Jonas Schaper, *Center for Applied Geoscience, Eberhard Karls University of Tübingen, Tübingen, Germany*

Dr. Nica Claudia Caló, *Dep. Of Sustainable Landscape Development, Martin Luther University, Halle (Saale), Germany*

Prof. Dr. Bernd Cyffka, *Sustainability research Lab, KU Eichstätt-Ingolstadt, Germany*

Dr. Jörg Freyhof, *Museum für Naturkunde, Leibniz Institute for Evolution and Biodiversity Science, Berlin, Germany*

PD Dr. Jens Jetzkowitz, *Museum für Naturkunde, Leibniz Institute for Evolution and Biodiversity Science, Berlin, Germany*

Rebecca Peters, *Center for Applied Geoscience, Eberhard Karls University of Tübingen, Tübingen, Germany*

Dr. Taukondjo Sem Shikongo, *UN Secretariat of the Convention on Biological Diversity, Montreal, Canada*

SPEAKERS: Dr. Million Belay, *General Coordinator Alliance for food sovereignty in Africa (AFSA), Kampala, Uganda*

Prof. Dr. Christo Fabricius, *WWF Germany | KAZA Secretariat | Nelson Mandela University, Port Elizabeth, South Africa*

Prof. Dr. Ingrid Hemmer, *KU Eichstätt-Ingolstadt, Eichstätt, Germany*

Prof. Dr. Anne-Kathrin Lindau, *KU Eichstätt-Ingolstadt, Eichstätt, Germany*

Dr. Taukondjo Sem Shikongo, *UN Secretariat of the Convention on Biological Diversity, Montreal, Canada*

Session SSI17 - Sustainable Planning and Construction

HOSTS: Prof. Dr.-Ing. habil. Manfred Bischoff, *Institut für Baustatik und Baudynamik, Universität Stuttgart, Stuttgart, Germany*

Prof. Dr.-Ing. habil. Norbert Gebbeken, *Forschungsgruppe BauProtect, Forschungszentrum RISK, Universität der Bundeswehr München, München, Germany*

Prof. Dr.-Ing. habil. Dierk Raabe, *Director, Max-Planck-Institut für Eisenforschung GmbH, Düsseldorf, Germany*

SPEAKERS: Prof. Dr.-Ing. Dr.-Ing. E.h. Manfred Curbach, *Institut für Massivbau, Technische Universität Dresden, Dresden, Germany*

Prof. Dr.-Ing. Andrea Benze, *Professur Städtebau und Theorie der Stadt, Hochschule München, München, Germany*

Prof. Dr. Werner Lang, *Lehrstuhl für energieeffizientes und nachhaltiges Planen und Bauen,*

Technische Universität München, München, Germany
Prof. Dr.-Ing. habil. Dierk Raabe, *Director, Max-Planck-Institut für Eisenforschung GmbH, Düsseldorf, Germany*

Session SSI18 - Securing the living quality of urban regions under heat and water stress

HOSTS: Prof. Dr. Philip Leistner, *Institute for Acoustics and Building Physics IABP, University of Stuttgart, Stuttgart, Germany*
Prof. Dr. Jörn Birkmann, *Institute of Spatial and Regional Planning IREUS, University of Stuttgart, Stuttgart, Germany*

SPEAKERS: Prof. Dr. Jörn Birkmann, *Institute of Spatial and Regional Planning IREUS, University of Stuttgart, Stuttgart, Germany*
Pia Krause, *M.Sc, Institute for Acoustics and Building Physics IABP, University of Stuttgart, Stuttgart, Germany*
Joanna McMillan, *M. Eng., Institute of Spatial and Regional Planning IREUS, University of Stuttgart, Stuttgart, Germany*
Prof. Dr. William Solecki, *Department of Geography, City University of New York, New York, USA*
Prof. Dr. Marzia Traverso, *Institute of Sustainability in Civil Engineering INaB, RWTH Aachen, Aachen, Germany*

Session SSI19 - Climate Change and Systemic Risk

HOSTS: Dr. Dorothea Frank, *Research Coordination Department Biogeochemical Integration, Max-Planck-Institute for Biogeochemistry Jena, Jena, Germany*
Dr. Kai Kornhuber, *The Earth Institute, Columbia University, New York, USA*
Prof. Dr. Reinhard Mechler, *Research Group Leader Systemic Risk and Resilience Research Group, International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria*
Prof. Dr. Markus Reichstein, *Director Department Biogeochemical Integration, Max-Planck-Institute for Biogeochemistry Jena, Jena, Germany*
Dr. Jana Sillmann, *Research Director CICERO (Centre for International Climate and Environmental Research), Oslo, Norway*
Prof. Dr. Simron Singh, *Faculty of Environment, University of Waterloo, Waterloo, Canada*

SPEAKERS: Dr. Kai Kornhuber, *The Earth Institute, Columbia University, New York, USA*
Prof. Dr. Reinhard Mechler, *Research Group Leader Systemic Risk and Resilience Research Group, International Institute for Applied Systems Analysis IIASA, Laxenburg, Austria*
Dr. Michael J. Puma, *Director of the Center for Climate Systems Research, The Earth Institute, Columbia University, New York, USA*
Prof. Dr. Dann Mitchell, *Joint Met Office Chair in Climate Change and impacts, Cabot Institute for the Environment, University of Bristol, Bristol, UK*

Session SSI10 - Climate Change and Human Mobility in the Anthropocene

HOSTS: Prof. Björn Vollan, *Department of Economics, University of Marburg, Marburg, Germany*
Prof. Andreas Neef, *Faculty of Arts, University of Auckland, Auckland, New Zealand*

SPEAKERS: Prof. Dr. Petra Tschakert, *Department of Geography, University of Western Australia, Perth, Australia*
Prof. Björn Vollan, *Department of Economics, University of Marburg, Marburg, Germany*
Dr. Lucy Szaboova, *European Centre for Environment and Human Health, University of Exeter, Exeter, UK*
Prof. Andreas Neef, *Faculty of Arts, University of Auckland, Auckland, New Zealand*

14:20 – 15:20 **Science Session (Plenary Panel Discussion)**

Session PD1 - A new social contract for climate change adaptation in dynamic societies?!

HOSTS: Prof. Dr. Matthias Garschagen, *Chair in Human Geography, Ludwig-Maximilians-University München (LMU), München, Germany* | *IPCC Lead Author (SROCC, AR6 and SYR)*
Prof. Dr. Karen Pittel, *Director, ifo Center for Energy, Climate, and Resources, Co-Chair, German Advisory Council on Global Change (WBGU)*

PANELISTS: Dr. Astrid Zwick, *Head of InsuResilience Secretariat, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Germany*
Jun Rentschler, *Senior Economist, Office of the Chief Economist for Sustainable Development, World Bank*
Christoph Bals, *Policy Director, Germanwatch e.V., Bonn, Germany*

15:20 – 15:45 **Break**

15:45 – 16:45 **Poster Session (Online Poster Session)**

Poster Session PP1-4 - DKN Focus Topics

Extreme events: collapse or resilience? - the role of health, well-being and social cohesion for reaching the sustainable development goals

Thomas Chen, *Academy for Mathematics, Science, and Engineering, USA*

Sustainable extreme event management - the event perception evaluation for sustainable well-being

Dr. Olga Pilipczuk, *Institute of Management, University of Szczecin, Poland*

Land-use change effects on biodiversity through mechanistic simulations: A case study with South-Asian mammals

Andre Silva, *Ecology and Genetics, Uppsala University, Sweden*

CO-AUTHORS: Filip Thorn, Damaris Zurell, and Juliano Cabral

Poster Session SP 3 - Science Policy

The rationality paradox of climate populism. Non-intended rational effects of populist climate policy narratives

Dr. Fritz Reusswig, *Dep. RD 2: Resilience, Potsdam Institute for Climate Impact Research (PIK), Germany*

CO-AUTHORS: Wiebke Lass, Seraja Bock

Poster Session SSII 7 - Scientific Session

Adaptive Skins and Structures for the Built Environment of Tomorrow

Prof. Dr. Manfred Bischoff, *Institut für Baustatik und Baudynamik, Universität Stuttgart, Stuttgart, Germany*

CO-AUTHOR: Oliver Sawodny

Low-waste construction with quality-assured, serial prefabrication

Dr. Patrick Forman, *Institute of Concrete Structures, Ruhr University Bochum, Bochum, Germany*

CO-AUTHORS: Albert Albers, Markus König, Gisela Lanza, Daniel Lordick, Peter Mark

Design Strategies for Material-Minimised Carbon Reinforced Concrete Structures – Principles of a New Approach to Construction

Prof. Dr. Manfred Curbach, *Institute of concrete structures, Technische Universität Dresden, Dresden, Germany*

CO-AUTHOR: Josef Hegger

The future of healthy living and working in the face of sustainability and crisis management - Resilient transformation of urban spaces

Prof. Dr. Norbert Gebbeken, *ResearchCenter RISK, University of the Bundeswehr, Germany*

CO-AUTHORS: Andrea Benze, Wolfgang Günthert, Andrea Heil, Werner Lang, Dirk Lüddecke, Stephan Pauleit

Poster Session SSII 8 - Scientific Session

An integrative spatial approach to developing adaptation strategies for the growing polycentric region of Stuttgart

Joanna McMillan, *IREUS Institute of Spatial and Regional Planning, University of Stuttgart, Germany*

CO-AUTHORS: Britta Weißer, Joern Birkmann

Poster Session BF - Belmont Forum CRA awardee Transdisciplinary Research for Pathways to Sustainability

DREAMS – Developing Resilient African cities and their urban environment facing the provision of essential urban SDGs

Prof. Dr. Christine Fürst, *Sustainable Landscape Development, Martin Luther University Halle-Wittenberg, Halle, Germany*

CO-AUTHORS: Yazidi Bamutaze, Ellen Banzhaf, Henry Nii Nmai Bulley, Daniele Cantini, Timothy Dube, Arjan de Groot, Maame Adwoa Gyekye-Jandoh, Detlef Mueller-Mahn, Gorretti Nsubuga Nabanoga, Benjamin Kofi Nyarko, Christian Papilloud, Frank Pietzsch, Reinhold Sackmann, Malte Steinbrink, Michael Thiel, Raymond Asare Tutu

Eco2Health – Health and agriculture sustainability through interdisciplinary surveillance and risk assessment platform of global emerging zoonotic diseases

Prof. Dr. Ting-Wu Chuang, *Molecular Parasitology and Tropical Diseases, Taipei Medical University, Taipei, Taiwan*

CO-AUTHORS: Day-Yu Chao, Beatriz Martinez Lopez, Fanen Terdoo, Olalekan Adekola

PACPATH – Pacific Ocean Pathways in Support of Sustainable Development: an Integrated Approach

Dr. Louis Celliers, *Climate Service Center Germany (GERICS), Helmholtz-Zentrum hereon GmbH, Hamburg, Germany*

Dr. Maria Mañez Costa, *Climate Service Center Germany (GERICS), Helmholtz-Zentrum hereon GmbH, Hamburg, Germany*

PRINCIPLE INVESTIGATOR: Alexandre Ganachaud, *National Research Institute for Sustainable Development, France*

CO-AUTHORS: Jérôme Aucan, Antje Bruns, Louis Celliers, Klaus Eisenack, Sebastian C.A. Ferse, R. Health Kelsey, Silja Klepp, Pierre-Yves Le Meur, Maria Manez Costa, Maraja Riechers, Elisabeth Holland, Simon Nicol, Awnesh Singh, Myriam Vendé-Leclerc, Karina von Schuckmann

RREFlood - Residual Risk of Extreme Floods - A Challenge for Achieving the Sustainable Development Goals

Prof. Dr. Peter Fröhle, *Institute of River and Coastal Engineering, Hamburg University of Technology, Hamburg Germany*

CO-AUTHORS: Dr. Anna Serra-Llobet, Dr. Natasa Manojlovic

Poster Session WPN2030

How to advance sustainable consumption in Germany in the context of the 2030 Agenda and the German Sustainability Strategy? Integrating diverse perspectives and generating policy recommendations by means of a transdisciplinary lab approach.

Konar Mutafoglu, *Science Platform Sustainability 2030, Germany*

Julia Jäggle, *Science Platform Sustainability 2030, Germany*

Falk Schmidt, *Science Platform Sustainability 2030, Germany*

16:45 – 17:45 Perspectives of international sustainability science (Plenary Panel Discussion)

HOST: Prof. Dr. Daniela Jacob, *Climate Service Center Germany (GERICS), Helmholtz-Zentrum hereon GmbH, Hamburg, Germany*

PANELISTS: Dr. Faten Bahar *University of Carthage, Tunisia Polytechnic School, La Marsa, Tunisia*

Prof. Dr. Anna-Katharina Hornidge, *German Development Institute / Deutsches Institut für Entwicklungspolitik (DIE), Sustainable Development Solutions Network (SDSN) Germany, Bonn, Germany*

Prof. Dr. Konrad Ott, *Department of Philosophy, Christian-Albrechts-Universität zu Kiel (CAU), Kiel, Germany*

Prof. Dr. Johan Rockström, *Potsdam Institute for Climate Impact Research (PIK), University of Potsdam, Potsdam, Germany*

Prof. Dr. Peter Schlosser, *Julie Ann Wrigley Global Futures Laboratory, Arizona State University, Tempe, AZ, USA*

Prof. Dr. Martin Visbeck, *GEOMAR Helmholtz-Centre for Ocean Research Kiel, Christian-Albrechts Universität zu Kiel, Kiel, Germany*

17:45 – 18:00 **Summit Conclusions** (*Plenary Session*)