

# Parallel Panel Sessions

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## *Stream 1 — Architectures of Earth System Governance*

Co-hosted by Keio University, Japan

## *Stream 2— Agency in Earth System Governance*

Co-hosted by Colorado State University, Environmental Governance Working Group, United States of America, and Utrecht University, The Netherlands

## *Stream 3 — Accountability, Legitimacy and Democracy in the Anthropocene*

Co-hosted by University of Toronto, The Munk School of Global Affairs and Public Policy, Canada

## *Stream 4— Allocation, Access and Equity in Earth System Governance*

Co-hosted by the University of Waterloo, Faculty of Environment, Canada, and Utrecht University, The Netherlands

## *Stream 5 – Adaptiveness, Resilience and the Transformation of Earth System Governance*

Co-hosted by the German Development Institute / Deutsches Institut für Entwicklungspolitik (DIE), Germany

## *Stream 6 — Theoretical and Methodological Foundations of Earth System Governance*

Co-hosted by the Institute for Advanced Sustainability Studies, Germany, and Utrecht University. The Netherlands

## Parallel Panel Sessions 1

Monday, 5 November 2018

11:00 – 12:30

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*Architecture 1: Coalitions, Cooperation and Conflict in the Climate Change Negotiations.*

*Venue – tbd*

*Chair: Carola Klöck*

*Discussant: Florian Weiler*

*Paula Castro, Carola Klöck*

Fragmentation in the Climate Change Negotiations: Taking Stock of the Evolving Coalition Dynamics

*Florian Weiler*

Cooperation in the Climate Change Negotiations: A Network Approach

*Meg Boyle*

Cooperation and Differentiation under the Paris Agreement

*Lau Blaxekjær*

Diplomatic Learning and Trust: How the Cartagena Dialogue brought UN Climate Negotiations Back on Track

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*Architecture 2 – Environmental Security & Risk Management*

*Venue – tbd*

*Chair: Yixian Sun*

*Julia Tschersich*

Comparative Analysis of the Effects of the Multi-Level Regime on Seed and Variety Commons in Germany and the Philippines

*Dhanasree Jayaram*

Security and Environmental Change: An Indian Perspective

*Jiayi Zhou*

The Geopolitics of Food Security: Constituting a New Security Object in the Postwar Era

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*Agency 1 – (New) Agents in Earth System Governance*

Parallel Panel Sessions 1 – Monday, 5 November 11:00–12:30

2

Venue – tbd  
Chair: Amy Janzwood

*Vanessa Lueck*

Governing Sea Level Rise Induced Retreat and Relocation Through Insurance: A Risky Business?

*Christian Downie, Kyla Tienhaara*

Restricting Finance for Fossil Fuels: Examining the Role of Export Finance

*Evalinde van Winden, Frank Biermann*

Auditors of Sustainability: Exploring the Role of Supreme Audit Institutions in the Implementation of the Sustainable Development Goals

*Ashley Enrici, Rebecca Gruby, Michele Betsill*

Philanthropic Foundations and Environmental Governance: A Research Agenda

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*Agency 2 – Agency and the Private Sector: Entrepreneurship, Supply Chains and Certification*

Venue – tbd  
Chair: Marie Claire Brisbois

*Linda Westman, Christopher Luederitz, Aravind Kundurpi, Alexander Mercado, Janetta Mckenzie, Scott Ninomiya, Sarah Burch*

Agency in the Shadow of Hierarchy: Exploring the Role of Small- and Medium-Sized Enterprises in Environmental Governance

*Vivek Soundararajan, Michael Bloomfield*

How Business Conflict in the Global South can Support Sustainable Supply Chains

*Aravind Kundurpi*

Governing and Accelerating Transformative Entrepreneurship: External Factors Influencing SME Sustainability and innovation in the Greater Toronto Area, Canada

*Alexia Marks*

The Role of Private Sector Regenerative Agriculture Certifications in Earth System Governance

*Katrien Termeer, Otto Hospes, Hilde Toonen, Bas Arts*

Next Generation Governance Architectures for Sustainable Global Value Chains

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*Agency 3 – Power, Authority and Leadership in a Complex World*

Venue – tbd  
Chair: Leandra R Goncalves

*Alexander Imbo, Uta When, Ken Irvine*

Analyzing Power Dynamics in Global Environmental Governance

*Jisun Hwang*

Cities as Policy Entrepreneurs in Polycentric Climate Governance

*Sander Chan, Jacopo Bencini, Matteo Lindley*

Non-State and Local Leadership in Europe's Climate Governance: New Drivers of Climate Action?

*Heike Boehler, Marcel Hanegraaff, Kai Schulze*

Competing Interest Groups in a Changing Climate

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*Accountability, Legitimacy and Democracy 1 – Accountability and (Contested) Knowledge in Global Sustainability Governance*

*Venue – tbd*

*Chair: Aarti Gupta*

*Discussant: Teresa Kramarz*

*Tamara Metze, Eefje Cuppen, Magda Smink, Jos van den Broek, Rinie van Est*

Warming Up or Cooling Down for Geothermal Energy: Public Accountability for Emerging Energy Technologies

*Tamara Metze, Sylvia Karlsson-Vinkhuyzen, Efrat Gommeh, Huub Dijkstra*

Travelling Images of Shale Gas and Geothermal Energy: Citizen Detectives and Public Accountability

*Isabel Díaz Reviriego, Esther Turnhout, Alejandro Esguerra, Josef Settele.*

Logics of Participation in IPBES: Perspectives, Experiences and Practices

*Michael Mason*

Transparency, Accountability and (dis)Empowerment in Sustainability Governance

*Aarti Gupta, Sylvia Karlsson-Vinkhuyzen, Amy Ching, Nila Kamil, Nadia Bernaz*

Performing Accountability: State-to-State Account-Giving Within Multilateral Climate Governance

*Sylvia Karlsson-Vinkhuyzen, Arthur Dahl, Åsa Persson*

Accountability and Policy Integration for the Sustainable Development Goals: Friend or Foe?

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*Accountability, Legitimacy and Democracy 2 – Law, Justice & Democracy in Climate Politics*

*Venue – tbd*

*Chair: Bregje van Veelen*

*Margaretha Wewerinke-Singh*

Methodological Foundations for Socio-Legal Research on (Rights-Based) Climate Change Litigation

*Hayley Walker*

Procedural Justice in Climate Change Negotiations: Respect and Due Hearing

*Gareth Edwards*

Fossil Fuel Developmentalism and Climate Justice: Insights from Australia's Coal Frontier

*Rebecca Willis*

The role of National Politicians in Earth System Governance: Evidence from a Study of Members of the UK Parliament

*Frederic Hanusch*

The Influence of Democratic Quality on Reactions to Climate Change: A Comparative Study of Climate Policies in Established Democracies

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*Accountability, Legitimacy and Democracy 3 – Democracy in Earth System Governance: Broadening the Conversation*

*Venue – tbd*

*Chair: John Dryzek*

*Discussant: Hayley Stevenson*

*Walter Baber, Robert Bartlett*

Mapping Transnational Environmental Rights for Democratic Earth System Governance

*Christopher Gore*

Ecological Democracy in Africa: Comparing Kenya, Uganda and Tanzania

*Anne Kantel*

Democratizing or Delegitimizing Earth System Governance? 'Scapegoating' and 'Tribalizing' as Mechanisms of Power in Uganda's Fish and Land Governance

*Jonathan Pickering, Karin Bäckstrand, David Schlosberg*

Ecological Democracy in Theory and Practice: Progress, Barriers and new Frontiers

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*Allocation, Access and Equity 1 – Exploring Access and Allocation – I*

*Venue – tbd*

*Chair: Joyeeta Gupta*

*Discussant: tbd*

*Brendan Coolsaet, Neil Dawson, Simone Lovera, Florian Rabitz*

Access and Allocation in Global Biodiversity Governance

*Agni Kalfagianni, Simon Meisch, Jouni Paavola*

Epistemological Underpinnings of Access and Allocation at Multiple Levels of Governance

*Margot Hurlbert, Naho Mirumachi, Pedi Obani, Shakeel Hayat, Philile Mbatha*

The Governance of Water Insecurities

*Jan van Tatenhove, Joeri Scholtens, Saiful Karim*

Reconceiving Access and Allocation to Coastal and Marine Resources

*Dona Barirani, Philip Osano*

Food Security and Access to Land

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*Allocation, Access and Equity 2 – Fair Institutions*

*Venue – tbd*

*Chair: Maaz Gardezi*

*Pieter Pauw, Kennedy Mbeva*

An Equitable Regime? How the UNFCCC Paris Agreement and its NDCs Innovate the Differentiation of Countries' Responsibilities to Address Climate Change

*Adis Dzebo, Richard Klein*

Transnational Adaptation Governance – Designing an Institutional Setting to Deal with Climate Change Impacts Across Borders

*Aysem Mert, Sander Chan*

Are Transnational Multistakeholder Initiatives Furthering Global Goals? Effectiveness and Equity in Governance by Goals.

*Maddalena Visser*

Equity in the Utilization of Transboundary Marine Living Resources – An International Legal Review

*Elizabeth Dirth, Frank Biermann*

Governance for Future Generations: A Global Review of National Institutional Mechanisms to Protect the Interests of Future Generations.

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*Adaptiveness, Resilience and Transformation 1 – Same Same, But Different: Governance Challenges Across Sectors*

*Venue – tbd*

*Chair: Ines Dombrowsky*

*Discussant: Carmen Richerzhagen*

*Andrew Tirrell*

Fisheries Governance in an Era of Climate Change

*Mabel Augustowski, Luís Miguel Cisneros*

Adaptability and Vulnerability of Governance in Tourism. An Analysis of the Evolution of Governance in Diving Tourism in the Galápagos Marine Reserve (Ecuador)

*Jane Maher*

Achieving Climate Justice Through Gender Mainstreaming Climate Change Adaptation? Multiscale Analysis of Lower Shire Valley, Malawi

*Emmy Bergsma*

Strategic Groundwater Management as an Adaptation Measure

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*Adaptiveness, Resilience and Transformation 2 – Resilient Communities I: Adaptiveness on the Ground*

*Venue – tbd*

*Chair: Mirja Schoderer*

*Discussant: Britta Horstmann*

*Mohammed Mozumder*

Enhancing the Social Resilience of the Fishing Communities – The Case of Hilsa (Tenualosa Ilisha) Fishery in Bangladesh

*Candace May*

Coastal Community Resilience: A Comparative Case Study of Barriers and Opportunities for Sustainable Governance in the United States

*Muhammad Mumtaz, Kalsoom Sumra*

Adaptive Governance and Local Transformation: A Case of Khyber Pakhtunkhwa, Pakistan

*Md Khalid Hossain*

Multilayered Earth System Governance to Foster Community Resilience: Learning from REE-CALL Project

*Vera Horigue*

How Does Decentralisation of Government Affect Conservation Implementation?

*Jean Carlo Rodriguez de Francisco, Carmen Richerzhagen, Alessandro Döhnert, Lukas Kleiner, Marjam Mayer, Julia Morawietz, Eric Philipp, Felix Weinsheimer*

The Social Dimension of Ecosystem-Based Adaptation to Climate Change in Colombia

## Parallel Panel Sessions 2

Monday, November 5 2018

15:30 – 17:00

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*Architecture 3 – Assessing the Adequacy of the Global Climate Governance Complex après Paris – A Sectoral Perspective*

*Venue – tbd*

*Chair: Harro van Asselt*

*Discussant: Karin Bäckstrand*

*Sebastian Oberthür, Lukas Hermwille, Tim Rayner*

A Framework for Evaluating Global Climate Governance through a Sectoral Systems Perspective

*Gauri Khandekar, Sebastian Oberthür*

Global Governance for the Decarbonisation of Energy-Intensive Industries

*Tim Rayner*

Global Governance of Fossil-Fuel Extractive Industries: Exposing and Addressing the Gaps

*Bianka Kretschmer, Mahlet Melkie*

From Climate Finance to Transforming the Financial System – Assessing the Financial Sector's Role within the Climate Governance Regime Complex

*Lukas Hermwille, Friederike Asche*

Hardwired towards Transformation? An Assessment of the Governance Sub-Complex for the Power Sector

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*Architecture 4 – Ocean Governance*

*Venue – tbd*

*Chair: Jen Allan*

*Ellycia Harrould-Kolieb*

The Fragmented Nature of International Ocean Acidification Governance

*Abigail York, Hiliary Hartnett, Diana Bowman, Stephen Romaniello, Shauna Burnsilver*

Governance Architecture for Planetary Management: Assessing the Institutions for Geoengineering in the Arctic

*Genevieve Quirk*

The Evolution and Integration of Oceania's Institutional Complex to Preserve Marine Ecosystem Integrity

*Dona Barirani*

Adaptation of Environmental Regimes in the Anthropocene: The case of Fisheries Regime, 1937 to 2016

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*Architecture 5 – Transforming Biodiversity Governance – I*

*Venue – tbd*

*Chair: Ingrid Visseren-Hamakers*

*Discussant: Marcel Kok*

*Kristin Rosendal, Jon Birger Skjærseth*

Legal Frameworks & Corporate Strategies for Bioprospecting and Bio-innovation in Polar Regions

*Joanna Miller Smallwood*

Room for Improvement. Promoting Compliance with Legal Obligations Through the Convention on Biological Diversity Conference of the Parties (CBD COP)

*Amandine Orsini*

The Evolving Architecture of Intergovernmental Biodiversity Governance

*Marc Hufty*

Coordinating the Biodiversity Conventions: Where Do We Stand?

*Ingrid Visseren-Hamakers, Andrea Schapper*

Transforming Biodiversity Governance by Mainstreaming Animal Concerns

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*Architecture 6 – Climate Change Governance: The Effectiveness and the Future of Climate Change Treaty Regimes*

*Venue – tbd*

*Chair: Sylvia Karlsson-Vinkhuyzen*

*Lars Gulbrandsen, Jørgen Wettestad, Arild Underdal, David Victor*

The Design and Diffusion of Carbon Markets: Implications for Applied Policy Research

*Stephan Hoch, Axel Michaelowa, Igor Shishlov, Anne Weber*

Governing Complexity: The Impact of Institutional Interplay Among Recent Multilateral Environmental Agreements on the Effectiveness of International Market-based Climate Policy Instruments

*Christophe Cassen, Jean Charles Hourcade*

Parallel Panel Sessions 2 – Monday, 5 November, 15:30–17:00

An Overview and Assessment of the Increasing Role of Climate Finance Within the UNFCCC Process Since COP21 and Beyond

*Tessa Zell, Karen Meijer*

Can the Green Climate Fund Realize Effective Climate Adaptation? An Analysis of Perspectives

*Stefan Aykut, Jean Foyer, Edouard Morena*

'Incantatory' Governance. Post-Paris Climate Politics and the Transformation of Global Environmental Governance

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*Agency 4 – Agents in Ocean Governance*

*Venue – tbd*  
*Chair: Heike Boehler*

*Benjamin Hofmann*

Technological Arguing: How New Business Practices Shape the International Environmental Regulation of Maritime Shipping

*Leandra Goncalves, Leopoldo Gerhardinger, Marcus Polette, Alexander Turra*

Actor's Strategies on Marine and Coastal Governance in Brazil

*Lisa Uffman-Kirsch*

Marine Space Decision-Making Under a Common-wealth Model

*Matilda Petersson*

The Effects of Transnational Partnerships in Global Fisheries Governance

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*Agency 5 – Between Local and Global: Collaboration, Diffusion and Influence*

*Venue – tbd*  
*Chair: Lena Partzsch*

*Gökhan Orhan*

Local Meets Global in Earth System Governance: Collaboration of Local Governments and International Agencies in Climate Change Adaptation and Mitigation in Turkey

*Ishita Gopal, Ganesh Gorti*

Deciphering Energy Policy Diffusion in Indian States – Actors and Agencies

*Ira Shefer*

Philanthropic Foundations and Environmental Governance: A Research Agenda

*Cristobal Reveco*

A research Agenda on Water Governance for Latin America

*Jakob Skovgaard, Åsa Knaggård, Roger Hildingsson*

International Diffusion and Domestic Policy Processes: Developing a Framework for Exploring the Adoption of Carbon Pricing Policies

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*Agency 6 – Governing Urban Nature for Sustainability: Complex Architectures & Emerging*

*Agency – I*

*Venue – tbd*

*Chair: Hens Runhaar*

*Discussant: Harriet Bulkeley*

*Hade Dorst, Hens Runhaar, Rob Raven, Sander van der Jagt*

Urban Infrastructure Regimes: Uncovering the Structural Barriers to Upscaling Nature-based Solutions

*Laura Tozer, Harriet Bulkeley*

Bringing Nature into the City? Transnational Governance and the Urban Politics of Nature-based Solutions

*Wikke Novalia, Briony Rogers, Joannette Bos, Rebekah Brown*

Diagnosing Strategic Influences of Different Agents in Governing Transition Towards Green City in Surabaya, Indonesia

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*Accountability, Legitimacy and Democracy 4 – Accountability in Extractive Industries I: Can*

*Institutions Mitigate Extractivism*

*Venue – tbd*

*Chair: Susan Park*

*Discussant: Aarti Gupta*

*Sherrie Baver*

Chile's Move to Modern Environmental Governance: How New Institutions Stopped the Pascua-Lama Mining Project

*Marjanneke Vijge, Robin Metcalfe, Linda Wallbott, Christoph Oberlack*

Governance Transformations to Reverse the Resource Curse? The Extractive Industries Transparency Initiative in Myanmar

*Hyeyoon Park*

The Effectiveness of Global Extractive Governance: An Analysis of Extractive Industries Transparency Initiative (EITI) as a Global Transparency Norm Entrepreneur

*Dominique Blümer, Jean-Frédéric Morin, Clara Brandi, Axel Berger*

Environmental Provisions in Trade Agreements: Defending Regulatory Space or Pursuing Offensive Interests?

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*Accountability, Legitimacy and Democracy 5 – Participation and Accountability in Land and Resource Governance*

Venue – tbd  
Chair: Sebastien Jodoin

*Shaju Thomas, Punnen Kurian*

Participatory Forest Management in Kerala, India and the Lessons Learned for Effective Earth System Governance in the Anthropocene

*Jonathan Hagan*

Leaving No One Behind: Providing Sustainable and Accountable Access to Land for Marginalized Commons Through A Decentralized Land Governance System

*Madhusmita Dash, Saswat Mishra*

Institutional Diverseness in Forest Conservation: A Prospective Look into the Indian Protected Areas

*Anne Kantel*

The Coming of an Authoritarian State: Fisheries Governance and Elite Power Grabbing in Uganda

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*Allocation, Access and Equity 3 – Exploring Access and Allocation – II*

Venue – tbd  
Chair: Joyeeta Gupta  
Discussant: tbd

*Michelle Scobie, Calum Brown*

Agency and Accountability in Earth System Governance Research

*Joyeeta Gupta, Louis Lebel*

Towards a Theory on Access and Allocation in Earth System Governance

*Åsa Persson, Michelle Scobie, Yixian Sun*

Access and Allocation: International Economic Development and Environmental Justice

*Antonina Ivanova, Asim Zia, Mairon Bastos Lima, Paiman Ramzan*

Climate Mitigation (Energy, Negative Greenhouse Gases, and Forests)

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*Allocation, Access and Equity 4 – Financing Mechanisms Through a Justice Lens*

Venue – tbd

*Chair: David Schlosberg*

*Nils Drote, Joshua Farley, Irene Ring, Peter May, Taylor Ricketts*

Designing a Global Mechanism for Intergovernmental Biodiversity Financing

*Kevin Adams, Åsa Persson, Magnus Benzie*

Towards A Systemic Approach to Climate Adaptation Finance – Exploring the Role of Transboundary Climate Impacts and Climate-Induced Agricultural Risk Flows

*Diana Dorman, David Cipler*

Sustainable Energy for All? An Examination of Climate Finance Decisions through the Green Climate Fund

*Romain Weikmans, J. Timmons Roberts*

The International Climate Finance Accounting Muddle: Is There Hope on the Horizon?

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*Adaptiveness, Resilience and Transformation 3 – Governing Sustainable Plastic Transitions*

*Venue – tbd*

*Chair: Johannes Stripple*

*Discussant: Jennifer Clapp*

*Tobias Nielsen, Johannes Stripple, Jacob Hasselbalch*

Plastic and Politics – A review

*Tobias Nielsen, Ellen Palm, Stine Madsen, Lars Nilsson*

Conflicting Narratives on Sustainable Plastics: Critical Analysis of the EU Plastic Strategy

*Mark Cooper*

Fossil Fabric: Decarbonisation and the Politics of Textile Transitions

*Elizabeth Mendenhall*

Oceans of Plastic: A New Challenge for Global Environmental Governance

*Peter Stoett*

Exploring the Microplastics-Biodiversity-Climate-Health Governance Nexus

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*Adaptiveness, Resilience and Transformation 4 – Resilient Communities II: Urban Solutions*

*Venue – tbd*

*Chair: Britta Horstmann*

*Discussant: Sander Chan*

*Andie Wicaksono, Jurian Edelenbos, Peter Scholten*

Urban Rivers Governance: M3K Movement to Increase the Adaptive Capacity of the Poor in Yogyakarta City

*Corinne Vitale, Sander Meijerink, Peter Ache, Francesco Domenico Moccia*

Urban Flood Resilience, a Discursive-Institutional Analysis of Planning Practices in Milan

*Courtney Schultz, Cassandra Moseley, Kathleen McIntyre, Laren Cyphers, Autumn Ellison, Chad Kooistra*

Policy Design to Support Collective Action and Adaptive Governance: Examples from Community-Based Forest Restoration Approaches in the United States

*Loïc Cobut*

Citizen Participation in the Energy Transition: What Role for the European Union?

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*Adaptiveness, Resilience and Transformation 5 – Futures From the Bottom up: Constructing Pluralistic Multi-level Governance Pathways Towards Global Goals*

*Venue – tbd*

*Chair: Laura Pereira*

*Discussant: Joost Vervoort*

*Mandy van den Ende*

Opening up Anthropocene Futures: Integrating Pluralistic, Practice-based Bottom-up Pathways Into Global Environmental Assessments

*Valentina Nakic, Joost Vervoort, Sjors Hijgenaar*

Envisioning New Modes of Governance for a Blockchain-enabled Energy Market Transformation in the Netherlands.

*Laura Pereira, Joost Vervoort*

Addressing Scale Mismatches of Scenarios for Effective Sustainable Development Decision Making

*Rohan Bhargava, Joost Vervoort, Laura Pereira, Timon McPhearson*

Utilizing Local Initiatives and Bottom-up Scenarios to Enhance IAMs and Inform Policymakers

*Nadia Sitas, Zuzana Harmáčková, Mireia Valle*

Exploring the Strengths, Weaknesses, Opportunities and Challenges of Using Scenario Archetypes in Science-policy Processes: a Cross-regional Comparison

## Parallel Panel Sessions 3

Monday, 5 November 2018

17:15-18:45

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*Architecture 7 – Climate Change Governance: Polycentricity, Municipalism, Transnationality*

*Venue – tbd*

*Chair: Elizabeth Mendenhall*

*Vicente Cortes Berrueta*

A Framework to Understand the Diversity in the Relations within Transnational Municipal Networks

*Filipe Alves, Gil Penha-Lopes*

Libertarian Municipalism, Bioregional Confederations and Participatory Democracy: The Necessary Trinity for a New Governance Paradigm

*Katharine Rietig*

Multilevel Reinforcing Dynamics in Transnational Governance: The case of ‘America’s Pledge: We Are Still In’

*Linda Shi*

Transcending City Limits: Progress and Paradoxes in Metropolitan Governance for Climate Adaptation

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*Architecture 8 – International Political Economy: Teleconnectivity, Sustainable Value Chains, Risk Management*

*Venue – tbd*

*Chair: Sander Meijerink*

*Åsa Persson, Magnus Benzie*

National Interest of Whom? Reviewing the Role of the State in Responding to Transnational Climate Risk for Trade Flows

*Jens Newig, Andrea Lenschow, Edward Challies, Benedetta Cotta, Almut Schilling-Vacaflor*

Conceptualizing the Governance of Global Telecoupling

*Ellen Holtmaat*

Variety of Private Sustainability Standards: a Club Theory Approach

*Nicholas Cradock-Henry*

Multi-level Influences on Adaptation to Climate Change in New Zealand Primary Industries

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*Architecture 9 – Transforming biodiversity governance – II*

*Venue – tbd*

*Chair: Ingrid Visseren-Hamakers*

*Discussant: Marcel Kok*

*Yves Zinngrebe, Sebastian Lakner, Guy Pe'er, Jenny Schmidt, Christian Schleye*

Biodiversity Policy Integration in German Agricultural Landscapes

*Kamalesh Adhikari*

Reconceptualising Access to Reshape International and National Biodiversity Laws

*Jonathan Pickering*

Rethinking Justice in Global Biodiversity Governance: Signs, Constraints and Opportunities

*Janice Weatherley-Singh, Aarti Gupta*

Scrutinizing European Union Policy Debates on Tackling 'Embodied Deforestation': A New Emerging Paradigm in Multilevel Forest Governance?

*Aleksandar Rankovic, Fiona Kinniburgh, Yann Laurans*

What Have Been the Practical Effects of the Aichi Targets on the Ground? Insights From Five National Case Studies and Recommendations for CBD COP15

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*Architecture 10 – Whither Institutional Complexity Research? Key Theoretical,*

*Methodological and Empirical Issues and Trends*

*Venue – tbd*

*Chair: Rakhyun E. Kim*

*Discussant: Oscar Widerberg*

*Fariborz Zelli, Karin Bäckstrand, Naghmeh Nasiritousi, Philipp Pattberg, Lisa Sanderink, Jakob Skovgaard, Harro van Asselt, Oscar Widerberg*

Analyzing the Nexus Between Global Governance Domains: The Case of Climate and Energy

*Rakhyun Kim, Jean-Frédéric Morin*

The Coevolution of the Trade and Environment Systems

*Milja Heikkinen, Onerva Korhonen, Tuomas Ylä-Anttila, Sirku Juhola*

Activity-based Graph Structure of Climate Companions Cooperative Network Between City of Helsinki and Businesses

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*Agency 7 – Rethinking Agency in Earth System Governance: Critique and Suggestions*

Venue – *tbd*  
Chair: *Jennifer Bansard*

*Piero Morseletto*

Confronting the Nitrogen Challenge: Options for Governance and Targets

*Marianne Zeyringer, Oliver Broad, Huebner Gesche, Konadu Dennis, Andy Moore, James Price, Zenaida Sobral Mourao, Julia Tomei*

Designing Highly Renewable and Socio-environmentally Accepted Energy Systems

*Stefan Pedersen*

Agency in the New Earth Politics of the Earth System Governance Project: A Theoretical Critique with Suggestions

*Peter Driessen, Dries Hegger, Carel Dieperink, Rakhyun Kim, Bettina Wilk*

Granting Rights to the River? An Exploration of Potential Governance Implications

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*Agency 8 – Communities and Citizens as Agents in Environmental Governance*

Venue – *tbd*  
Chair: *Cristina Yumie Aoki Inoue*

*Jones Arthur*

An Exploration of the Impact of Training on Community Governance; A Case Study of Communities Affected by Bui Dam Construction, Ghana

*Yu Yang, Bettina Bluemling, Fang Wang*

Agents in the Global Periphery: Lineage Groups as Agents to Maintain Food Production

*Maren Krätzschar, Johannes Hamhaber*

From Ladder to Circle: A New Model of Citizens' Participation in Resources Governance

*Kirsty Holstead, Shona Russell, Kerry Waylen*

Creating a (Hydro)Nation of Engaged Communities? An Exploration of Policy and Regulatory Professionals in Scotland in Shaping Community Involvement in Water Governance

*Heleen Mees, Conor Murphy, Mathilde Gralepois, Thomas Thaler*

From Citizen Participation to Government Participation?

*Maria Rebecca Campos*

Institutional Arrangements and Governance in Coastal Communities in the Philippines

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*Agency 9 – Governing Urban Nature for Sustainability: Complex Architectures and Emerging Agency – II*

*Venue – tbd*  
*Chair: Hens Runhaar*  
*Discussant: Harriett Bulkeley*

*Jessica Maxwell, Kirsty Blackstock, Katherine Irvine*

Linear vs. Adaptive Approaches to Green Infrastructure Policy, Planning, and Placemaking

*Helen Santiago Fink*

New Pathways for Climate Action: Nature-based Solutions and People-based Solutions for Urban Sustainability and Climate Resiliency

*Rieke Hansen, Emily Rall, Werner Rolf, Martina van Lierop, Stephan Pauleit*

Fuzzy Concept or Robust, Elastic Approach? Framing Urban Green Infrastructure

*Arjen Buijs, Rieke Hansen, Sander Jagt*

Active Citizens and Urban Green Governance: Understanding the Diversity of Stewardship Practices through a Mosaic Governance Lens

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*Accountability, Legitimacy and Democracy 6 – Accountability in Extractive Industries II: Intersections in a Complex World*

*Venue – tbd*  
*Chair: Teresa Kramarz*  
*Discussant: Susan Park*

*James van Alstine, Laura Smith*

Processes of Change and Destabilisation in Resource Frontiers: the Making of Uganda's Oil Assemblage

*Nidia González*

Improving Accountability on Forest Management, Democratisation of Technologies Toward Shared cultural values on ecological heritage

*Craig Johnson*

The Return of Extractivist Politics in Ecuador: Implications for Democracy, Legitimacy and Earth System Justice

*Teresa Kramarz, Donald Kingsbury, Kyle Jacques*

Populism or Petrostate? The Afterlives of Ecuador's Yasuní-ITT Initiative

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*Accountability, Legitimacy and Democracy 7 – Private and Sub-state Actors: Accountability, Legitimacy and Democracy*

*Venue – tbd*  
*Chair: Lars H. Gulbrandsen*

*Mareike Blum*

What Role for Private Actors in Climate Governance? A Host Country Perspective from Uganda

*Laura Iozelli, Amandine Orsini*

Regulating Climate Change: Assessing and Explaining the Legitimacy of Transnational Governance initiatives

*Lisa Sanderink, Naghmeh Nasiritousi*

Global Renewable Energy Governance Reconsidered: Strengthening Legitimacy and Effectiveness

*Jose Alcaraz, Katerina Nicolopoulou, Agni Kalfagianni, Francisco Tirado*

Cosmopolitanism and (Corporate) Accountability in the Anthropocene: A Framework for the Agri-Food Sector

*Cathrin Zengerling*

The Role of Cities in Combating Climate Change and the Depletion of Resources – Conceptual Framework of an Accountability Analysis

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*Allocation, Access and Equity 5 – The Politics of Fossil Fuel Subsidies and Their Reform: Overcoming Carbon Entanglement?*

*Venue – tbd*  
*Chair: Jakob Skovgaard*  
*Discussant: Hayley Stevenson*

*Peter Newell, Phil Johnstone*

The Political Economy of Incumbency: Fossil Fuel Subsidies in Global and Historical Context

*Harro van Asselt, Laura Merrill, Kati Kulovesi*

Pathways for Addressing Fossil Fuel Subsidies through the International Climate Regime

*Claudia Strambo, Ana Carolina González Espinosa, Angélica Johanna Puertas Velasco, Aaron Atteridge*

Privileged Coal: The Politics of Subsidies for Coal Production in Colombia

*Michelle Scobie*

Actors, Frames and Contexts in Fossil Fuel Subsidy Reform: The Case of Trinidad and Tobago

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*Adaptiveness, Resilience and Transformation 6 – Adaptive Rationality: Managing  
Uncertainty*

*Venue – tbd*

*Chair: Sander Chan*

*Discussant: Britta Horstmann*

*Markus Groth, Peer Seipold*

Business Strategies and Climate Change – Prototype Development and Testing of a User Specific Climate Service Product for Companies

*Ana Alicia Dipierri*

Management Adaptations under Climate Change. The case of Communal Irrigation Systems in Argentina

*Klaus Eisenack, Matteo Roggero, Leonhard Kähler, Achim Hagen*

Transnational Adaptation: Drawing lessons from the Economics of Mitigation

*Christopher Luederitz, Linda Westman, Aravind Kundurpi, Alexander Mercado, Janetta Mckenzie, Scott Ninomiya, Sarah Burch*

Governing Urban Sustainability: The Transformational Potential of Small Businesses and Pathways for Building Adaptiveness and Resilience of City-regions

*Axel Michaelowa, Igor Shishlov, Dario Brescia*

Evolution of the International Regulatory Regime and “Ecosystem” of the international Carbon Market Mechanisms Since the Late 1990s

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*Adaptiveness, Resilience and Transformation 7 – Together We Prevail, Divided We Fail:  
Collaborative Governance*

*Venue – tbd*

*Chair: Jean Carlo Rodriguez*

*Discussant: Steffen Bauer*

*Chinwe Oramah, Kenneth Gould, Odd Einar Olsen*

The Two Faces of Securitization in Risk Governance: a Study of Climate Change Adaptation in Nigeria

*Theresa Schwenke, Dannieli Herbst Gerhardinger, Leopoldo Cavaleri Gerhardinger, Marion Glaser*

Self-organizing Transformations: A Social-ecological Network Reaction to an Oil Spill in Babitonga Bay, Santa Catarina

*Carolyn Brown*

Governance and Global Environmental Change in Conflict-affected Countries of Central Africa

*Mayowa Fasona, Peter Adeonipekun, Oludare Argboola, Akinlabi Akintuyi, Oluwatotoyin Ogundipe, Alabi Soneye, Ademola Omojola*

Incentives for Collaborative Governance of Natural Resources: a Case Study of Forest Management in Southwest Nigeria

*Y Yanuardi, Bettina Bluemling, Frank Biermann*

Towards Sustainable Peace? The Social-ecological Dimensions of Post-conflict Governance in Aceh, Indonesia

*Kathryn Jastremski*

Fostering Transformations towards Sustainability in the Forest Sector and Forest Communities: Contributions to Sustainability and Resilience of Collaborative Governance Initiatives

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*Theoretical and Methodological Foundations 1 – Novel Conceptualizations of Earth System Norms, Law and Time*

*Venue – tbd  
Chair: Stefan Aykut*

*Louis Kotzé*

Jettisoning Environmental Law: The Case for Earth System Law in the Anthropocene

*Beth Edmondson*

Obligation Based Governance Models: Opportunities for New Environmental Sustainability Goals

*Jeremy Bendik-Keymer*

Social Process Obfuscation and the Anthroponomy Criterion

*Rebecca Romsdahl, Gwendolyn Blue*

Reasoning Together about Global Environmental Issues: Addressing Epistemic and Ontological Pluralism through Deliberative Framing

*Frederic Hanusch*

Deep Time Organizations – Learning Longevity from History

## Parallel Panel Sessions 4

Tuesday, November 6 2018

09:00-10:30

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*Architecture 11 – Unpacking Complexity: Conceptual and Empirical Accounts of Complexity in Earth System Governance Architectures*

*Venue – tbd*

*Chair: Rakhyun Kim*

*Discussant: Oscar Widerberg*

*Brian Dermody*

Decision Tools for Earth System Governance

*Philipp Pattberg, Oscar Widerberg*

Explaining Variation in Institutional Structure Across Global Environmental Regime Complexes

*Marielle Papin-Manjarrez*

Following the Mean Won't Do Any Good: For a Complex Systems Approach of Global Climate Governance

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*Architecture 12 – Trade, Law and the Environment*

*Venue – tbd*

*Chair: Katja Biedenkopf*

*Mathilde Gauquelin*

Approaches to Enforcing Environmental Commitments in Trade Agreements: Available Avenues and Potential Influence on the International Environmental Protection Regime

*Denise Fernandes, David Cipler*

Renewable Energy Transition Tensions in the Global South: Interactions Between India and China in the UNFCCC and WTO and Implications for Global Climate Change Governance

*James Angstadt*

Green Courts, Governance, and the Domestic Implementation of International Environmental Law Norms

*Magnus Benzie, Åsa Persson, Henrik Carlsen*

Governing Transnational Climate Risk: Sweden's Trade-related Climate Risk Profile

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*Architecture 13 – Earth System Governance for Blue Growth*

*Venue – tbd*

*Chair: Judith van Leeuwen*

*Discussant: Michelle Voyer*

*Wil Burns*

Ocean-Based Negative Emissions Technologies and International Governance

*Lisa Uffman-Kirsch*

Participatory Consent in Blue Economy Decision-Making

*Elana Wilson Rowe*

Blue Growth and Arctic Ocean Governance Architecture

*Michelle Voyer, Judith van Leeuwen*

Does the Blue Economy have a Social License to Operate?

*Michael Fabinyi, Gil Hizi, Kate Barclay, Woilfram Dressler*

The National Vision of the Blue Economy in China

*Martin Bohle, Kiley Arroyo, Eduardo Marone, Cornelia Nauen*

Not Out of the Blue: Ethics to intersect Civic Participation and Formal Guidance

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*Agency 10 – The Politics of Infrastructure*

*Venue – tbd*

*Chair: Thomas Hickmann*

*Kayla Kelly-Slatten*

Dam and Reservoir Systems: An Interdisciplinary Analysis of American Water Infrastructure

*Christopher Gibson*

Financialization Of Municipal Water Agencies: A Case Study in the American West

*Amy Janzwood*

Governing Stakeholders in the Anthropocene: Pipelines, Power and Private politics

*Rossella Alba, Antje Bruns*

A Glimpse Through the Kaleidoscope: Multiple Sites of Urban Water Governance in Accra, Ghana.

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*Agency 11 – Connecting Knowledge and Agency: Transdisciplinarity, Assessments, Games and Learning*

Venue – tbd  
Chair: Benno Pokorny

*Karin Gustafsson*

Trustworthy Scientist – Trustworthy Knowledge Production. Studying IPCC's Introduction of Early Career Scientists as an Effort to Regain Trust.

*Stephanie Jahn, Jens Newig, Judith Kahle, Daniel Lang, Matthias Bergmann*

How Transdisciplinary Research can Benefit Sustainability Governance: Evidence from a Case Survey of 70 Completed Research Projects

*Miriam Keppner*

Transnational Municipal Networks and Climate Change Governance - a Case of Knowledge Co-production?

*Lisette van Beek, Manjana Milkoreit, Roberta Weiner, Joost Vervoort*

The Use of Serious Gaming in Global Climate Negotiations.

*Farhad Mukhtarov, Janet Riley, Carel Dieperink, Peter Driessen*

Collaborative Learning for Flood Risk Management: Sustainable Urban Drainage Systems as a Policy Innovation

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*Accountability, Legitimacy and Democracy 8 – Visions, the Future, and Just Representation in the Anthropocene*

Venue – tbd  
Chair: Tim Cadman

*Jens Marquardt*

Global Politics and the Anthropocene: Present Narratives, Future Visions

*Andrea Felicetti*

Legitimacy and Justice in the Face of a Resilient and Unsustainable Socioeconomic Context

*Doris Huitink, Frank Biermann*

Democracy Is in the Air? The Democratic Quality of Discourses on the Governance of Stratospheric Sulphur Injection

*Claire Dupont*

Political Representation of Future Generations in Climate Policy

*Asim Zia*

Global Democracy-Deficit in the Age of Anthropocene: Pros and Cons of Institutionalizing an Elected Global Parliament

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*Accountability, Legitimacy and Democracy 9 – The Ethics of Future-Making in the Anthropocene – I*

*Venue – tbd*

*Chair: Henrike Knappe and Silke Beck*

*Discussant: Maarten Hajer*

*Jonathan Pickering*

Sustainability Meets Ecological Reflexivity: Virtues for Future-oriented Governance in the Anthropocene

*Manuel Arias-Maldonado*

Blooming Landscapes? Utopian Thinking in the Anthropocene.

*Lauren Rickards, Andrew McGregor, Donna Houston*

Cultivating Anthropocene Futures with Cattle

*Alejandro Esguerra*

Political Things and Governance Objects: Future-Making and the Transformation of Earth System Governance in the Anthropocene

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*Allocation, Access and Equity 6 – Just Transitions*

*Venue – tbd*

*Chair: Dimitris Stevis*

*Sharmini Gingras*

Reconceptualizing Planetary Equity through the ILO's Just Transition Agenda

*Marie Claire Brisbois*

The Use and Implications of Justice framings in the Political Activities of Decentralized Renewable Energy Producers

*Vasna Ramasar*

Energy Justice in a Post-Extractivist World: Development Possibilities for South Africa in a Transition to a Low Carbon System

*Kyla Tienhaara*

The Role of Equity in a Green Keynesianism

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*Allocation, Access and Equity 7 – Access and Allocation of Commons and Resources*

*Venue – tbd*

*Chair: Andrea Gerlak*

*Ieva Misiune*

Governance of Ecosystem Services: the Challenge of Stakeholders' Preferences

*Philip Osano, Dona Barirani, Jan de Leeuw*

Access and Allocation for Food Security and Land

*Dominic Lenzi*

Conservation Before Use: Common Ownership as a Constraint Against Degrading the Environmental Commons

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*Allocation, Access and Equity 8 – Justice in Development*

*Venue – tbd*

*Chair: Anne Kantel*

*Christoph Oberlack, Jean-David Gerber, Peter Messerli*

Governance in Telecoupled Land Systems: the Case of Thilawa Special Economic Zone, Myanmar

*Sechindra Vallury, Joshua Abbott, John Anderies*

Technology Adoption and the Provision of Shared Infrastructure in Irrigation Systems with Storage

*Joyeeta Gupta, Leisa Perch, Irene Dankelman, Joni Seager, Joeri Scholtens, Emma mullaney, Fülöp Sándor, Michael Jones*

Re-imagining DPSIR from an Equity and Inclusive Development Perspective

*Juliana Peixoto Batista, Julieta Godfrid, Hayley Stevenson*

The Political Economy of Ecosystem Services in Argentina: Actors, Agendas and Interests

*Jonathan Gamu, Cristina Yumie Inoue*

Hidden Figures in Transnational Environmental Governance and the Micro-politics of Brazil's Green Economy: The Soy Moratorium

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*Adaptiveness, Resilience and Transformation 8 – Adaptiveness Through Transformation(s)*

*Venue – tbd*

*Chair: Steffen Bauer*

*Discussant: Ines Dombrowsky*

*Katrien Termeer*

Governing Sustainability Transformations Through Strategies of Small Wins: the Case of Circular Economy

*Julia Tschersich, Stefanie Sievers-Glotzbach*

Overcoming the Process-structure Divide in Conceptions of Social-Ecological Transformation:  
Assessing the Transformative Character and Impact of Change Processes

*James Patterson*

Explaining Institutional Change? Testing Theoretical Propositions Through a Global Survey of  
Cities and Climate Change

*Elizabeth Dirth, Giuseppe Feola, Dries Hegger, Sandra Van Der Hel, Rakhyun Kim, Heleen Mees, Joost  
Vervoort, Arjan Wardekker*

Between Governance and Transformations: Insights from a Meta-analysis of 180 Case Studies

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*Adaptiveness, Resilience and Transformation 9 – Climate-Related Extreme Events and  
Oceans Governance*

*Venue – tbd  
Chair: Mark Axelrod*

*D.G. Webster*

From Local to Global: Theory and Methods for Assessing the International Impacts of Climate-  
Related Extreme Events

*Candace May*

Governing Resilience Through Power: Explaining Social Adaptations to Extreme Events in Coastal  
Louisiana

*Candace May*

Coastal Community Resilience: A Comparative Case Study of Barriers and Opportunities for  
Sustainable Governance in the United States

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*Theoretical and Methodological Foundations 2 – Transformation as a Boundary Concept in  
Earth System Governance*

*Venue – tbd  
Chair: Jeremy Bendik-Keymer*

*Chris Riedy*

The Transformation Meme in Environmental Governance: An Institutional Disruptor

*Ilkhom Soliev*

Toward Sustainable Transformations in a Complex World: Theory Building based on Meadows'  
Leverage Points and Williamson's Transaction Costs Economics

*Laura Pereira, Kerry Brown*

Transformative Food System Governance in South Africa and India: Preliminary Findings and  
Methodological Innovation

## Parallel Panel Sessions 5

Tuesday, November 6 2018

13:30-15:00

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### *Architecture 14 – The Promise and Limits of Polycentric Climate Governance*

*Venue – tbd*

*Chair: Harro van Asselt*

*Discussant: Jampel Dell'Angelo*

*Steven Bernstein, Matthew Hoffmann*

Decarbonisation and Polycentrism: The Politics of Transformation

*Katja Biedenkopf, Jørgen Wettestad*

Harnessing the Market: Trading in Carbon Allowances

*Karin Bäckstrand, Fariborz Zelli, Philip Schleifer*

Legitimacy and Accountability in Polycentric Climate Governance: Challenges to Democracy in a Contested Terrain

*Jan-Peter Voß, Fabian Schroth*

Politics of Experimentation and Learning: How Democratic is Polycentric Climate Governance?

*Andrew Jordan, Dave Huitema, Harro van Asselt*

Governing Climate Change: The Promise and Limits of Polycentricity

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### *Architecture 15 – Climate Change Governance: Treaty Implementation, Polycentricity,*

*National-local Linkages*

*Venue – tbd*

*Chair: Lukas Hermwill*

*Cristián Flores*

Challenges for Polycentric Governance of Water and Forests in Chile. Critical Review in the Context of the Chile's Nationally Determined Contribution.

*Michael Adrian Padilla, Yasushi Asami, Tetsuo Kidokoro*

Examining the Factors Affecting the Variations in the Ability to Make Progress in Climate-Sensitive Land-Use Planning of Municipalities in Metro Manila, Philippines

*Alexandra Lesnikowski*

Measuring Policy Integration in Multilevel Governance Environments: An Analysis of vertical Policy Coherence in Six Countries

*Fee Stehle*

Cages or Carpets? National Domestic Contexts of Urban Climate Actions

*Matthew Gitsham, Ajit Nayak, Jonathan Gosling*

Mapping Gaps in Polycentric Governance: What Earth System Governance Demands are the Private Sector Making of the State?

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*Agency 12 – Transnational Governance & the UN Sustainable Development Goals: Exploring New Frontiers*

*Venue – tbd*

*Chair: Stacy VanDeveer*

*Discussant: Tabitha Benney*

*Stacy VanDeveer, Graeme Auld, Michele Betsill*

Transnational Sustainability Governance in the Extractives Sector: Lessons from the Gold Lifecycle

*Jonathan Strippel, Harriet Bulkeley*

New Finance, New Actors: Reshaping Flows of Finance Beyond Carbon

*Sander Chan, Idil Boran, Harro van Asselt, Michelle Scobie, Navam Nilas, Katharine Rietig, Gabriela Iacobuta, Jennifer Bansard, Deborah Delgado-Pugley, Laurence Delina, Paula Ellinger, Okechukwu Enechi, Lukas Hermwille, Matthias Honegger, Stephanie La Hoz Theuer, Robert Mizo, Yixian Sun, Patrick Toussaint, Wangechi Wambugu*

The More the Merrier? Non-state Actions for Climate Resilient and Sustainable Development

*Dumisani Chirambo*

Emerging Principles for Enhancing Global Governance and Sustainable Development through Climate Finance and the Informal Economy

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*Agency 13 – New Alliances, Governance Coalitions and Networks*

*Venue – tbd*

*Chair: James Patterson*

*Thomas Hickman*

New Alliances in Global Environmental Governance: International Bureaucracies and Sub- & Non-State Actors

*Eve Bourgeois*

## Governing Coalitions and Municipal Climate Change Policy

**Antonija Bogadi**

Identifying the Key Actors for Ecological Knowledge Diffusion in Urban Environmental Governance Networks

**Katharine Rietig**

Leveraging the Power of Policy Learning via Non-national Actor Networks Across the United States

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### *Agency 14 – Tipping Points, Transformation and Systemic Change*

*Venue – tbd*

*Chair: Cristián Gabriel Flores Fernández*

**Ilona Otto, Jonathan Donges, Avit Bhowmik, Roger Cremades, Wolfgang Lucht, Hans Schellnhuber, Johan Rockstrom**

Social Tipping Elements Instrumental for Decarbonisation by 2050

**Vasna Ramasar, Chad Boda, Mine Islar, Maryam Nastar**

Transformative Politics for Sustainability: Conceptual Tensions, Practical Synergies and Complementarity at the LUCID Research School

**Franziska Ehnert, Markus Egermann**

'My Voice, My Place, My Project': Citizen Empowerment for an Urban Transition towards Sustainability

**Sanne Akerboom**

The Impossible Energy Transition. Identifying Obstructing Legal Structures and Underlying Goals: How Law Effectively Limits Progress and How That Can Change

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### *Accountability, Legitimacy and Democracy 10 – Expertise, Knowledge, Participation in*

*Governance*

*Venue – tbd*

*Chair: Fee Stehle*

**Isabel Díaz Reviriego, Esther Turnhout, Alejandro Esguerra, Josef Settele**

Logics of Participation in IPBES: Perspectives, Experiences and Practices

**Larissa Koch**

The Role of Scientists in the German Energy Transition

**Ina Möller**

Can we govern Geoengineering Research? Political Perspectives From the Global Climate Society

*Lala Huseynova, Hayley Walker*

Communication and Rhetoric in the Irish Citizens' Assembly on Climate Change

*Ricardo Novaes, Karina Berg, Angelo Lima, Fatima Casarim, Vladimir Caramori*

Assessing the Effectiveness of Water Policy and Governance in Brazil; the Water Governance Observatory as a Collaborative and Independent Platform.

*Karen Siegel*

Interpreting the Concept of Sustainable Development: The Case of Agricultural Land Use in Uruguay

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*Accountability, Legitimacy and Democracy 11 – The Ethics of Future-Making in the Anthropocene – II*

*Venue – tbd*

*Chairs: Alejandro Esguerra and Eva Lövbrand*

*Discussant: Anthony Burke*

*Delf Rothe, Ann-Kathrin Benner*

Anthropocene Genealogies: Cold War Legacies in the Discourse on the Human Epoch

*Malin Mobjörk, Eva Lövbrand*

The Anthropocene and the Geopolitical Imagination: Tracing Travelling Notion of Environmental Risk and Security

*Henrike Knappe*

Who Speaks for the Future? Political Representation in the Anthropocene

*Silke Beck*

Exploring the Performative Power of Pathways in Evidence-based Policy-making: The Role of Negative Emissions Technologies in the Climate Regime

*Desirée Fiske*

Humans and Socio-cosmological Implications in the Anthropocene

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*Allocation, Access and Equity in Earth System Governance 9 – How Knowledge and Vulnerability Matter for Justice*

*Venue – tbd*

*Chair: Sonja Klinsky*

*Nidia Gonzales, Sabina Reinecke*

Exploring integrated technological infrastructure systems and indigenous traditional ecological knowledge toward innovation on forest governance

**Geoffrey Nwaka**

Using indigenous knowledge to protect the environment, and to respond to climate change in Nigeria/Africa

**Sébastien Jodoin**

Including Persons with Disabilities in Earth System Governance

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*Allocation, Access & Equity 10 – Social Equity for Ocean Governance*

*Venue – tbd*

*Chair: Yoshitaka Ota*

*Discussant: Gerald Singh*

**Lydia Teh, Yoshitaka Ota, Richard Caddell, Eddie Allison, Jack Kittinger, Katrina Nakamura**

Human Rights and Socially Responsible Seafood – an Opportunity for Enhancing Social Equity in Fisheries?

**Yoshitaka Ota, Andres Cisneros-Montemayor, Gabriel Reygondeau, William Cheung, Vicky Lam, Wilf Swartz, Gerald Singh**

From Ocean Governance to Human Security: The Architecture of Entitlement for Marine Living Resources

**Gerald Singh, Andres Cisneros-Montemayor, Yoshitaka Ota**

Planning Earth System Governance Through Assessing the Interlinkages of Sustainable Development Goals

**Katherine Seto, Quentin Hanich**

21st Century Allocation: Using Precedents & Applying Principles for Equitable Allocation of Fish in Regional Fisheries Management Organizations (RFMO)

**John Parks, Wilf Swartz**

Role of Non-State Actors in International Ocean Initiatives

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*Adaptiveness, Resilience and Transformation 10 – Adaptiveness in Earth System Governance Research: Taking Stock and Looking Ahead*

*Venue – tbd*

*Chairs: Steffen Bauer, Britta Horstmann*

**Bernd Siebenhüner, Riyanti Djalante**

Synthesizing and Identifying Emerging Issues in Adaptiveness Research within the Earth System Governance Framework (2007-2017)

**Emily Boyd, Izabela Delabre**

Conceptualizing 'Anticipation' as a Normative Ideal of Climate Governance

*Annie Montpetit, Guy Chiasson, Frédéric Doyon*

The Operational Design of Climate Change Adaptive Capacity Assessments: Conceptual Approaches, Normative Choices and Policy Considerations

*Dumisani Chirambo*

The Roles of Social Innovation and Community Science in Enhancing Earth System Governance and the Implementation of Intended National Determined Contributions (INDCs)

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*Adaptiveness, Resilience and Transformation 11 – Urban Resilience: Choices, Visions, Politics, and Governance Approaches*

*Venue – tbd*

*Chair: Arjan Wardekker*

*Discussant: Heleen Mees*

*Arjan Wardekker*

Framing Urban Resilience: Different Perspectives on Resilient Cities and Their Impact on Adaptation Governance

*Carel Dieperink*

Towards Design Principles for Enhancing Urban Flood Resilience, A Comparative Study on Required Governance Conditions in 18 European Areas

*Benedikt Marschuetz, Arjan Wardekker*

Narratives of Change for a Resilient Future City

*Marta Berbés-Blázquez, David Iwaniec, Darin Wahl, Elizabeth Cook, Melissa Davidson, Nancy Grimm, Tischa Muñoz-Erickson*

Envisioning Resilience and Transformation in Cities: A Case Study from Scenario Planning in South Phoenix, AZ

*Roger Hildingsson, Håkan Johansson, Jamil Khan*

Urban visions as (contested) Imaginaries on Sustainability and Welfare

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*Theoretical and Methodological Foundations 3 – Fragmentation and Integration in Earth System Governance*

*Venue – tbd*

*Chair: Farhad Mukhtarov*

*Robbert Biesbroek*

Tracking Integration of Climate Change Adaptation Globally

*Michael Schoon, Jacopo Baggio, Sechindra Vallury*

Managing Networked Landscapes: Conservation in a Fragmented, Connected World

*Michael Adrian Padilla, Yasushi Asami, Tetsuo Kidokoro*

Examining the Factors Affecting the Variations in the Ability to Make Progress in Climate-Sensitive Land-Use Planning of Municipalities in Metro Manila, Philippines

*Abril Cid, Dulce Cano, Vania Montalvo, Karina Ruíz-Bedolla, Marina Romero-Cázares, Itzel Jiménez-García, Alejandro Monterroso-Rivas*

Local Institutional Capacity for Climate Change Adaptation in Mexico: A Multidimensional Approach

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*Theoretical and Methodological Foundations 4 – Bridging the Global-Local Divide in Earth System Governance*

*Venue – tbd*

*Chair: Harry Barnes-Dabban*

*Adis Dzebo, Richard Klein, Åsa Persson*

Adapting to Climate Change is a Global Challenge

*Delia Paul, Megan Farrelly, Briony Rogers*

Methodological Challenges in Applying an Earth System Governance Framework to the Study of Water Governance

*Noelle Selin, Henrik Selin*

Integrating Science and Engineering with Earth System Governance: The Case of Mercury Pollution

*Laura Pereira, Joost Vervoort*

Addressing Scale Mismatches of Scenarios for Effective Sustainable Development Decision Making.

*Matías Franchini, Ana Evangelista Mauad, Eduardo Viola*

Exploring Local-National Linkages in Climate Change Governance: Argentina and Buenos Aires, Brazil and São Paulo, and Mexico and Mexico City.

## Parallel Paper Sessions 6

Wednesday, November 7 2018

09:00-10:30

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### *Architecture 16 – Climate Change Governance: Inter-linkages and Governance Strategies*

*Venue – tbd*  
*Chair: Sikina Jinnah*

*Charlotte Unger, Konrad Gürtler*

The Climate and Clean Air Coalition as a Transnational Governance Club?

*Navam Niles*

Integrating Climate Concepts Within a Unified Framework to Understand Complexity and Interdependence

*Ilkhom Soliev, Wiebke Schramm, Insa Theesfeld*

Identifying Sustainable Configurations with Shared Benefits in Forest Governance

*Annabelle Workman, Grant Blashki, Kathryn Bowen, David Karoly, John Wiseman*

The Complexities of Climate Change Policy Development and Governance: Insights Gained from Examining the Role of Health Co-Benefits

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### *Architecture 17 – Governance Theory and Governance Strategy: Integration, Interplay, Synergies, Issue Coupling*

*Venue – tbd*  
*Chair: Jakob Skovgaard*

*Nicolas Jager, Edward Challies, Bendetta Cotta*

Bridging the Gap Between Integration and Fragmentation in Sustainability Governance – a Framework of Mechanisms Linking Governance Architecture and System's Sustainability Performance

*Carolina Adler, Jörg Balsiger*

Twenty Years of Regional Governance in mountain Areas: Key Lessons and Challenges

*Jen Allan*

Consciously Coupling in the Chemicals and Wastes Regimes

*Malgorzata Smieszek*

The Effects of the Institutional Dynamics and the Evolution on the Institutional Interplay and Effectiveness: The Case Study of the Arctic Council

*Vicky Ariyanti, Jurian Edelenbos, Peter Scholten*

Governing a Volcanic River Basin: The Water-Lahar-Volcano Nexus. Case of Opan Sub-Basin at Mt. Merapi, Indonesia

*Daniel Schweigatz*

Analysing Inter-sectoral Interdependencies Through Ecosystem Services: A Social Ecological Network Approach to Account for Cross-sectoral Aspects in Environmental Governance

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*Agency 15 – Climate Politics: Negotiation, Cooperation and Leadership*

*Venue – tbd*

*Chair: Ortwin Renn*

*Matias Franchini, Eduardo Viola*

It's Not (Only) Trump! The Challenges of Climate Cooperation in an Increasingly Conflictive World

*Claire Dupont, Sebastian Oberthür*

EU Climate Leadership Revisited

*Marian Feist*

Post-agreement Negotiations in Global Climate Politics

*Maria Jernnäs, Jens Nulsson, Andreas Duit, Björn-Ola Linnér*

Climate Governance Under Geopolitical Change: A Cluster Analysis of States' Contributions to the Paris Agreement

*Lucas du Pre, Karen Meijer*

Explaining the Behavior and Influence of UN Agencies on Climate Change and Security Related Measures and Resolutions

*Matto Mildenerger*

The Logic of Double Representation in Climate Politics

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*Agency 16 – Transnational Private Sustainability Governance: Taking Stock and Exploring New Research Frontiers*

Venue – tbd  
Chair: Stefan Renckens  
Discussant: Peter Oosterveen

**Stefan Renckens**

Private Rule-Makers as Lobbyists: Exploring the Interest Representation Activities of Transnational Private Sustainability Governance

**Janina Grabs, Graeme Auld, Benjamin Cashore**

Switching Between Lenses for a Better View: A Critical Review of Theoretical Approaches to Private Regulatory Governance

**Yixian Sun**

Fertile Ground Without Seeds: Re-visiting Limitations of Transnational Sustainability Governance in China's Tea Sector

**Philip Schleifer, Matto Fiorini, Luc Fransen**

Governing Tropical Agriculture through Voluntary Standards: A Mapping Analysis

**Dorine Leeuwerik, Greetje Schouten, Hilde Toonen**

Transnational Sustainability Governance: Understanding Legitimacy Challenges in the Global South

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**Agency 17 – Cities and City Networks as Agents in Environmental Governance**

Venue – tbd  
Chair: Heleen Mees

**Marielle Papin-Manjarrez**

Both Structure and Actor: The Elaborated Strategy of Transnational Municipal Networks to Influence Global Climate Governance

**Supraja Sudharsan**

Global Problems and Local Solutions: Building a Capacity Framework for the Study of Earth System Governance

**Marcos Mendes**

Public Policies and Transnational City-networks: Strengthening the Agency on Global Climate Change Governance

**Milja Heikkinen, Sirkku Juhola, Aasa Karimo, Johannes Klein, Tuomas Ylä-Anttila**

The Effect of Transnational Municipal Network Participation on Urban Climate Change Adaptation. A Study of 401 Cities Around the World

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*Accountability, Legitimacy and Democracy 12 – Localness of Earth System Governance:  
Smallholders and Communities and the International Environmental Regime Complex*

*Venue – tbd  
Chair: Wil de Jong  
Discussant: Bas Arts*

***Pablo Pacheco***

The Palm Oil Policy Regime Complex: Challenges for Smallholders and Local Governance

***Benno Pokorny***

The Double-edged Sword of Legality: Looking on Global Initiatives for Legal Timber Trade from a Local Perspective

***Ira Shefer***

Transnational Multi-actor Interactions: Implications for Domestic Climate Governance

***Thomas Eimer, Sabrina Shanto, Renata Santos***

Between Greening and Grabbing: Transnational Environmental Actors, Domestic Institutions, and Indigenous Land Rights

***Veronica Goncalves***

Forest Carbon Offset in Brazil: Actors and Networks of Resistance

***Chris Höhne***

Domestic Norm Glocalization

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*Allocation, Access and Equity 11 – Gender, Fairness and Justice*

*Venue – tbd  
Chair: Amandine Orsini*

***Maryse Helbert***

Gender, Lithium and the Equitable Distribution of Resources

***Andrea Collins***

Prospects for Accountability: Gender, Rights, and Justice in Global Food Governance

***Louis Lebel, Phimpakan Lebel, Kanokwan Manorom, Zhou Yishu***

Gender in Development Discourses of Civil Society Organizations Engaged in Mekong Hydropower Development Deliberations

***Anne Jerneck***

What About Gender in Climate Change? Twelve Feminist Lessons from Development

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*Allocation, Access and Equity 12 – Operationalizing Planetary Justice*

Venue – tbd  
Chair: Elizabeth Dirth

*Aarti Gupta, Sonja Klinsky*

The Practices of Multilateral Climate Governance: Blunting the Politically Contested Edge of Equity?

*Dimitris Stevis, Romain Felli*

Planetary Just Transitions? Towards a Systematic Analysis

*Michelle Scobie*

Planetary Justice and the Ocean and Climate Regimes

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*Adaptiveness, Resilience and Transformation 12 – Perspective Matters: Scales, Levels and Constructions*

Venue – tbd  
Chair: Ines Dombrowsky  
Discussant: Mirja Schoderer

*Elke Kellner, Christoph Oberlack*

Adaptive Capacity in Polycentric Climate Governance: The Case of Multifunctional Water Use in Oberhasli, Switzerland

*Elisa Kochskämper, Thomas Koontz, Jens Newig*

Systematic Learning in Water Governance: Insights from Five Adaptive Management Projects for Water Quality Innovation.

*Aysem Mert*

Deconstructing the CAP: Global Versus Grassroots Influences on Urban Climate Adaptation

*Marieke Veeger, Franklin Paniagua Alfaro, Joost Vervoort*

The Impact of Transformative Global Goals on National and Regional Processes of Anticipatory Governance

*Yi Hyun Kang*

Policy Transformation Analysis: Comparative Case Study of Water Management in South Korea and Germany

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*Adaptiveness, Resilience and Transformation 13 – Institutional Shifts, Shifting Institutions*

Venue – tbd  
Chair: Britta Horstmann

*Discussant: Sander Chan*

***Gabrielle Kissinger, Aarti Gupta, Ivo Mulder, Natalie Unterstell***

Climate Financing Needs in the Land sector Under the Paris Agreement: an Assessment of Developing Country Perspectives

***Sanchayan Nath, Frank van Laerhoven, Saidur Rahman***

Institutions and Trade-offs between Climate-Resilience and Livelihood-Vulnerability in Socio-Hydrological Systems

***Cristina Zurbriggen***

Transformation- Lab for Sustainable Futures: Science, Art and Politics

***Pieter Pauw, Timmons Roberts***

Neoliberalism and the Uncertain Future of Funding International Agreements: a Review of 26 Agreements on Climate, Environment and Development

***Roberto Sanchez-Rodriguez***

Learning from the Role of Institutions in Climate Change Adaptation and Disaster Risk Reduction

***Rosewine Joy***

Transforming Institutions in Transitional Societies of Rural India

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*Theoretical and Methodological Foundations 5 – Model-based Research Approaches*

*Venue – tbd*  
*Chair: Henrik Selin*

***Calum Brown***

The Potential of Models of Agency in Climate Change Adaptation

***Rohan Bhargava, Joost Vervoort, Laura Pereira, Timon McPhearson***

Utilizing Local Initiatives and Bottom-up Scenarios to Enhance IAMs and inform Policymakers

***Christophe Cassen, Béatrice Cointe***

Organising Policy-relevant Knowledge for Climate Action: Integrated Assessment Modelling, the IPCC, and the Emergence of a Collective Expertise on Socioeconomic Emission Scenarios

***Matto Mildenberger, Michaël Aklin***

Prisoners of the Wrong Dilemma: Why Distributive Conflict, not Collective Action, Characterizes the Politics of Climate Change

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*Theoretical and Methodological Foundations 6 – Scenarios, Foresight and Anticipation*

*Venue – tbd*  
*Chair: Idil Boran*

*Joost Vervoort*

Changing the Rules: Game Co-design as a Futures Method for Inquiry and Experimentation with Systems of Environmental Governance

*Lucas Rutting, Joost Vervoort, Heleen Mees, Peter Driessen*

Analysing the Politics of Foresight for Social-ecological Systems Governance

*Mandy van den Ende*

Opening up Anthropocene Futures: Integrating Pluralistic, Practice-based Bottom-up Pathways into Global Environmental Assessments

*Nadia Sitas, Zuzana Harmáčková, Mireia Valle*

Exploring the Strengths, Weaknesses, Opportunities and Challenges of Using Scenario Archetypes in Science-policy Processes: A Cross-regional Comparison

*Scott Janzwood*

What Constitutes Catastrophe? Thickening the Thin Concept of Global Catastrophic Risk

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*Theoretical and Methodological Foundations 7 – Novel Technologies in Earth System Governance*

*Venue – tbd*  
*Chair: Janos Pasztor*

*Matthias Honegger, Joshua Horton, Pete Irvine*

Climate Engineering and the Sustainable Development Goals: Toward an Assessment Framework

*Angela Oels*

Risks and Opportunities of Digitisation for the Sustainability Transition: Enacting Self-driving Vehicles as 'Safe'

*Beate Friedrich, Lena Partzsch*

Nature and Power Relations: The Multifaceted Conflict over Genetically Modified Maize Cultivation in Germany

## Parallel Panel Session 7 – Innovative Sessions

Wednesday, November 7 2018

13:30 – 15:00

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*Innovative Session 1 – Anticipatory Climate Governance in the World’s Most Vulnerable Regions*

*Venue – tbd*

*Joost Vervoort, Aarti Gupta, Frank Biermann, Phil Macnaghten, Charlotte Ballard, Maliha Muzammil, Karlijn Muiderman, Marieke Veeger, Lucas Rutting, Rathana Peou*

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*Innovative Session 2 – From Tragedy to Survival? Remembering 50 years of the Theory of the Commons*

*Venue – tbd*

*Tatiana Kluvankova, Leticia Merino*

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*Innovative Session 3 – Governing Geoengineering: How to Bring Accountability, Legitimacy, and Democracy to Climate Engineering*

*Venue – tbd*

*Paul Wapner, Frank Biermann, Aarti Gupta, Matthias Honegger, Simon Nicholson, Sikina Jinnah, Janos Pasztor, Jesse Reynolds*

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*Innovative Session 4 – How can the Earth System Governance Community Effectively Contribute to the Implementation of the SDGs?*

*Venue – tbd*

*Flurina Schneider, Theresa Tribaldos*

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*Innovative Session 5 – Low-Carbon Finance*

*Venue – tbd*

*Bregje van Veelen, Mark Cooper*

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*Innovative Session 6 – Visualising Data in an Age of Institutional Complexity*

*Venue – tbd*

*Tim Cadman, Oscar Widerberg*

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*Innovative Session 7 – Roundtable Discussion on the Role of Philanthropic Foundations in Environmental Governance*

*Venue – tbd*

*Rebecca Gruby, Ash Enrici, Linda Shi, Yoshitaka Ota, Daniel Charles Miller, Agni Kalfagianni*

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*Innovative Session 8 – Roundtable Discussion on Mineral Governance for Green Technologies*

*Venue – tbd*

*Saleem Ali, Stacy VanDeveer, Rakhyun Kim*

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*Innovative Session 9 – Roundtable on Knowledge Production and Validation in Global Megatrends and Earth Systems Governance: Power, Gender and Intersectional Issues*

*Venue – tbd*

*Sarah Cornell, Michelle Dyer*

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*Innovative Session 10 – Meet Your Journal Editors and Publishers*

Co-hosted by University of Toronto, The Munk School of Global Affairs and Public Policy, Canada

*Venue – tbd*

*Steven Bernstein, Elizabeth Dirth, Joyeeta Gupta, Matthew Hoffman, Sikina Jinnah, Erika Weinthal, Oran Young*

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*Innovative Session 11 – Beyond Cockpit-ism*

Co-hosted by PBL Netherlands Environmental Assessment Agency

*Venue – tbd*

*TBD*

## Parallel Paper Sessions 8

Wednesday, November 7 2018

15:30-17:00

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*Architecture 18 – Governance Innovations: SDGs, Digital Solution, Visualization*

*Venue – tbd*

*Chair: Elana Wilson Rowe*

*Lisa-Maria Glass, Jens Newig*

Governance for Achieving the Sustainable Development Goals (SDGs): How Important Are Participation, Adaptive Governance, Reflexivity, Coherence and Democratic Institutions?

*Brianna Scrimshaw Botchwey*

Beyond Targets and Indicators: Measuring the Impact of the Sustainable Development Goals

*Marcel Dorsch*

(R)evolutions of Global Cooperation? Prospects of Global Polycentric Governance for Sustainability in the Digital Age

*Navam Niles*

Understanding and Visualising the Evolution and De-evolution of Complex Multi-Scale Global Sustainability Governance

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*Architecture 19 – Water Governance: Collaboration, Interplay and Local Varieties*

*Venue – tbd*

*Chair: Diego Osorio*

*Mirja Schoderer, Ines Dombrowsky*

Form Follows function? Problems of Interplay in Mongolia's Water Governance Framework and Lessons for Water Governance Architectures in Developing Countries

*Daniel Hogendoorn, Arthur Petersen, Arjen Zegwaard*

Difficult Travels: Why Delta Plans Don't Land in the Chao Phraya Delta

*Thanh Ha, Carel Dieperink, Tri Van Pham Dang, Henriëtte Otter, Piet Hoekstra*

The Governance Conditions for Adaptive Fresh Water Management in the Vietnamese Mekong Delta

*Ines Dombrowsky, Oliver Hensengerth*

Governing the Water-Energy-Food Nexus Related to Hydropower on Shared Rivers – the Role of International River Basin and Regional Energy Organizations

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*Agency 18 – Discourses, Meaning and Sense-making in Environmental Governance*

*Venue – tbd*

*Chair: Lars H. Gulbrandsen*

*Chris Riedy, Jennifer Kent, Nivek Thompson*

Meaning Work: Reworking Institutional Meanings for Environmental Governance

*Eduardo Gresse*

Non-state Actors and the Diffusion of the 2030 Agenda in Brazil: An Interpretive Research on the Sense-making and Social Engagement with Global Norms

*Milan Chen*

Who Talks About Climate Change in Taiwan? Drawing Evidence from Facebook

*Hendrik van der Linden, Frank Biermann, Rakhyun Kim, Matthias Honegger*

Who Talks About Climate Change in Taiwan? Drawing Evidence from Facebook

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*Agency 19 – Follow the Money: Financial Actors in Climate Politics*

*Venue – tbd*

*Chair: Geoffrey Nwaka*

*Pim ten Haaf, Mattijs Smits*

Urban Climate Finance and Decentralization in Centralized States: A Case Study on Authority Shifts in Da Nang and Ho Chi Minh City, Vietnam.

*Duminisani Chirambo*

The Roles of South-South Climate Change Governance Systems and South-South Climate Finance in Fostering Sustainable Development and Enhancing Environmental Management in Developing Countries

*Niek Daamen, Graham Tennant-Green, Joyeeta Gupta*

Investing and Divesting in Fossil Fuels: Pension Funds in the Netherlands and the United Kingdom

*Barbara Hermann, Louise Burrows, Vivienne Legg, Joyeeta Gupta*

Development Cooperation and Fossil Fuels: The case of US, UK and German aid to India

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*Allocation, Access and Equity 13 – Foundations for Planetary Justice in Earth System Governance*

Venue – tbd  
Chair: David Schlosberg

*Elizabeth Dirth, Frank Biermann, Agni Kalfagianni*

What Do We Mean When We Talk About Justice? An Analysis of the Narratives of Planetary Justice used in Environmental Governance Research

*Brendan Coolsaet, Neil Dawson, Esteve Corbera, James Fraser, Adrian Martin, Iokine Rodriguez*

Justice vs. Equity in Global Environmental Governance

*Ingrid Robeyns, Colin Hickey*

Planetary Justice: What Can We Learn from Ethics and Political Philosophy?

*Sabine Selchow, Glenda Sluga*

Thinking through the Planetary

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*Allocation, Access and Equity 14 – Access and Equity for Resilience and Transformative Forest Governance to Tackle Climate Change and Biodiversity Loss in a Complex World*

Venue – tbd  
Chair: Grace Wong  
Discussant: Emily Boyd

*Thuy Pham, Grace Wong, Moira Moeliono, Maria Brockhaus*

The Politics of Payments for Environmental Services: Who benefits? Who loses? A Case Study from Vietnam

*Natalya Yakusheva, Maria Brockhaus*

Whose Voices Are Heard and Why? Advocacy Coalitions in the European Union LULUCF Negotiations

*Torsten Krause, Tobias Nielsen, Veiko Lehsten, Ola Olsson, Fariborz Zelli*

What Future for Primates? Conservation Struggles and Multi-level Governance for REDD+ in Cross River State, Nigeria

*Andrea Downing, Odirilwe Selomane, Michelle Dyer, Grace Wong, Patrick Flege, Amanda Jimenez Aceituno*

The Mathematics of Sustainable Development: Analyzing the Cross-scale and Telecoupling Effects of China's Reforestation Program on Climate Change and Biodiversity

*Kaisa Korhonen-Kurki, Thuy Pham, Cynthia Maharani, Moira Moeliano, Maria Gebara, Natalya Yakusheva, Maria Brockhaus*

Participation in the National REDD+ Climate Policies – From Consultation Towards Empowerment?

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*Adaptiveness, Resilience and Transformation 14 – Be Prepared! Learning to Live with Climate Change*

*Venue – tbd*

*Chair: Carmen Richerzhagen*

*Discussant: Mirja Schoderer*

**Markus Groth, Steffen Bender, Stephan Bürger, Lennart Mertes**

A District Level Climate Change Vulnerability Index for Flood Risks – Concept, Implementation and Results for the City of Kiel

**Asim Zia**

Do Climate Risk Perceptions Induce Behavioral Change and Policy Action? Machine Learning the Feedback Effects from Perceived Risks to Mitigation of Climate Change

**Bernd Siebenhüner, Torsten Grothmann, Dave Huitema, Angela Oels, Tim Rayner, John Turnpenny**

Lock-ins in Climate Adaptation Governance. Conceptual and Empirical Approaches

**Maaz Gardezi, J Arbuckle**

Techno-optimism and Farmers' Attitudes toward Climate Change Adaptation

**Daniel Nohrstedt, Charles Parker**

Assessing the Influence of Natural Hazards on National Disaster Risk Reduction

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*Adaptiveness, Resilience and Transformation 15 – Scaling up Successful Strategies for Climate Change Adaptation and Transformations of Earth System Governance Through Archetype Analysis*

*Venue – tbd*

*Chair: Christoph Oberlack*

*Discussant: Susanne C. Moser*

*Panel co-organizers: Susanne Moser, Klaus Eisenack, David Manuel-Navarrete*

**Susanne Moser**

Tracking Progress on the Intractable: Linking Key Dimensions of Adaptation Success with Strategies to Overcome Adaptation Finance Challenges

**Anastasiia Gotgelf, Matteo Roggero, Klaus Eisenack**

Archetypical Opportunities for Water Governance Adaptation to Climate Change

**Carolina Adler**

How Do We Know It Works, and Could It Work Elsewhere? An Empirical Exploration on What Is Considered Transferable Across Cases.

*Theresa Tribaldos, Flurina Schneider, Christoph Oberlack, Stephan Rist*

Governance of Sustainability Problems through Transdisciplinary Research: Archetypical Pathways to Impact in Agricultural Systems

*Christoph Oberlack, Andrea Winiger, Patrick Kupferschmied, Markus Giger, Peter Messerli, Stephan Rist*

Archetypical Strategies for Safeguarding Community Access to Land and Natural Resources in the Global Land Rush

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*Theoretical and Methodological Foundations 8 – Complexity and Systems-Oriented Approaches*

*Venue – tbd  
Chair: Frederic Hanusch*

*Henrik Selin, Noelle Selin*

A New Conceptual Framework for Analysing the Effectiveness of Multilateral Environmental Agreements

*Marielle Papin-Manjarrez*

Following the Mean Won't Do Any Good: For a Complex Systems Approach of Global Climate Governance

*Esther Meyer, Gregor Schmiegel, Isabell Schrickel*

Understanding the Evolution of Complexity Thinking in the Context of Earth System Governance

*Judith van Leeuwen, Simon Bush*

Governing Marine Plastic Pollution: An Environmental Flows Perspective

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*Theoretical and Methodological Foundations 9 – Mobilizing the Future for Earth System Governance*

*Venue – tbd  
Chair: Peter Pelzer  
Discussant: Joost Vervoort*

*Karlijn Muiderman, Aarti Gupta, Joost Vervoort, Frank Biermann*

Diverse Understandings of Anticipatory Climate Governance: Theory and Practice

*Astrid Mangnus, Joost Vervoort, Steven McGreevy, Kazuhiko Ota, Momoe Oga, Mai Kobayashi, Christoph Rupprecht*

New Pathways for Governing Urban Food System Transformations: a Pluralistic Practice-based Futures Approach Using Visioning, Back-casting and Serious Gaming

*Joost Vervoort*

Changing the Rules: Game Co-Design as a Futures Method for Inquiry and Experimentation with Systems of Environmental Governance

*Karsten Schulz, Oskar J. Gstrein, Andrej J. Zwitter*

Governing SDG Implementation through Blockchain Technology: Limitations and Possibilities

*Jesse Hoffman, Peter Pelzer, Maarten Hajer*

Techniques of Futuring: The Search for Soft Spaces to Break out the Climate Deadlock

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*Theoretical and Methodological Foundations 10 – Climate Engineering: An Emerging Challenge for Earth System Governance*

*Venue – tbd*

*Chair: Jesse Reynolds*

*Discussant: Ruben Zondervan*

*Jesse Reynolds, Joshua Horton*

Climate Engineering and Earth System Governance in the Anthropocene

*Matthias Honegger, Joshua Horton, Pete Irvine*

Climate Engineering and the Sustainable Development Goals: Toward an Assessment Framework

*Ina Möller*

Can We Govern Geoengineering Research? Political Perspectives from the Global Climate Society

*Florian Rabitz, Leta Bielinytė*

Managing Institutional Complexity in Geoengineering Governance

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*Theoretical and Methodological Foundation 11 – Science, Knowledge and Uncertainty*

*Venue – tbd*

*Chair: Tabitha Benney*

*Mark Axelrod, D.G. Webster*

Scientific Uncertainty and Decision-making on Tuna Regional Fisheries Management Organizations

*Jennifer Bansard*

Policy Reports as Boundary Spanning Devices? A Story of Glossy Pictures, Fancy Logos, and the Science-policy Interface

*Nidia Gonzalez*

Exploring Connectedness to Co-produce Knowledge between Western and Indigenous Ontologies

*Christopher Orr*

The Dominant Belief System on the Economy and the Environment in Canada: Evidence from Elite Perspectives Using Q Methodology