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ABOUT THE CONFERENCE

The conference is part of the global series organized by the Earth System Governance Project. The first Earth System Governance conference was held in Amsterdam in December 2009, followed by Fort Collins (2011), Lund (2012), Tokyo (2013), Norwich (2014), Canberra (2015), and Nairobi (2016). The 2017 conference takes place in Lund, Sweden.



2017 Lund
Conference on
Earth System Governance

The 2017 Lund Conference on Earth System Governance addresses the overarching theme of ‘Allocation and Access in a Warming and Increasingly Unequal World’. This theme acknowledges the multiple crises faced across the world and the uneven distribution of their impacts. Income and wealth inequality are growing around the world. These are exacerbated as climate change and the challenges of mitigation and adaptation are driving further inequalities across the world. In addition, climate change implies an unprecedented intergenerational dimension because of the long lags between emissions, on the one hand, and climate change impacts on the other. However, inequality is far more complex than simply wealth distribution and climate change impacts. Earth system governance must address the entire spectrum of environmental, social, economic and political inequalities.

The conference theme will be addressed in five thematic streams:

- (1) Environmental justice in earth system governance
- (2) Conceptual understandings and progress
- (3) Science and activism
- (4) Theory and methodology
- (5) Earth system governance in turbulent times

At the Lund Conference we also place emphasis on taking stock of the research within the network through various harvesting and task force activities as well as looking to the future through the work on New Directions for the Earth System Governance Project.

ABOUT THE HOSTS

Lund University has a long and vibrant history covering 350 years of teaching and research with currently around 42 000 students and 7 400 staff based in Lund, Helsingborg and Malmö. We are united in our efforts to understand, explain and improve our world and the human condition. At Lund University, the diversity is great and the opportunities endless. The University offers one of the broadest ranges of programmes and courses in Scandinavia, based on cross-disciplinary and cutting-edge research. The University has a distinct international profile, with partner universities in over 70 countries.



Lund University has a long-standing relationship with the Earth System Governance Project, predominantly through LUCSUS, the Lund University Centre for Sustainability Studies and the Department of Political Science. Since 2009 LUCSUS has hosted the International Project Office of the Earth System Governance Project. The 2017 Lund Conference on Earth System Governance is jointly organized by the Lund University Centre for Sustainability Studies (LUCSUS) and the Earth System Governance Project with support from the Lund University Centre of Excellence for Integration of Social and Natural Dimensions of Sustainability (LUCID), and the Lund University Department of Political Science. During the time of the Earth System Governance conference, Lund University is celebrating its 350th anniversary. The jubilee is taking place from 19 December 2016 until 28 January 2018, the dates marking the University's foundation and its subsequent inauguration.



The Earth System Governance Foundation supports the implementation of the research programme and diverse activities of the Earth System Governance Project and the Global Alliance of Earth System Governance Research Centres, and the diverse, interdisciplinary, international community of researchers. The foundation promotes academic and policy-oriented research and education in the field of global, national, and local environmental governance and policy within the larger context of earth system transformation and global sustainable development.

Word of Welcome

CONFERENCE CHAIR

A very warm welcome to the 2017 Lund Conference on Earth System Governance!

The conference theme of “Allocation and Access in a Warming and Increasingly Unequal World” speaks to the urgency for quality deliberations on how we, as the scientific community, can contribute to the growing challenges in our time through our science, activism and policy engagement. We have two high level plenaries and six semi-plenaries that engage with the themes of the conference and earth system governance itself. Fifty-one paper sessions are the heart of the conference and offer the platform for members of the Earth System Governance network to share their work.

The vision for this year’s conference is two-fold: On the scientific side, we want to use this as a key moment for the earth system governance research community to take stock of the last decade and look to the future of the Earth System Governance project. This is reflected in a number of harvesting initiatives and taskforce gatherings that will take place at the conference as well as roundtables and innovative sessions. We will also host an Early Career Researcher workshop and for the first time, a Teaching workshop on Earth System Governance.

On the social side, this year’s conference takes place during the 350th anniversary of Lund University and we hope that conference participants will celebrate the university with us. We particularly want to emphasize the freedom of Lund, a small university town. We hope that the close proximity of everything will encourage social interaction. Art is something that brings the science and social together and we have created spaces of artistic expression in relation to the conference theme that we hope will engage you.

I would also like to draw your attention to the sustainability efforts that have been introduced to reduce the catering impact of the conference itself by offering reusable coffee cups, serving a solely vegetarian menu and carrying out food saving practices.

This is the second time that Lund University is hosting the Earth System Governance conference and we look forward to welcoming back old friends as well as creating a space for new meetings, collaborations and friendships.

Welcome!

Vasna



THE CONFERENCE TEAM

Conference Chair	Vasna Ramasar, Lund University Centre for Sustainability Studies
Conference Manager	Isabell Burian, Lund University Centre for Sustainability Studies
Coordinators	Ruben Zondervan, Earth System Governance Int. Project Office Charlotta Kjöllnerström, Earth System Governance Int. Project Office Balthazar Forsberg, Earth System Governance Int. Project Office Florian Carl, Earth System Governance Int. Project Office Eva Leinwather, Earth System Governance Int. Project Office Charlotte Jost, Earth System Governance Int. Project Office
Volunteers	Aaron Danowski, Adrian Krueger, Alice Kasznar Feghali, Alici Muhana Iannitelli, Anne Wulfhorst, Benedikt John, Brynn Szukala, Cecilia Jaques, Erika Haakana, Fabian Bendisch, Frans Libertson, Gavin Lord, Johannes Brossmann, Juergen Bartel, Katalin Lakatos, Katy Wiese, Krishna Lamsal, Leonard D'Crus, Madelene Danielzon Larsson, Mari Peltola, Neha Satheesan, Owen Carr, Sara Fromm, Thiago Toste
Art work	Theodor Aalders, Stephen Woroniecki, Tim Bauer

Practical Information

REGISTRATION

Please register as soon as possible upon arrival



Venue: LUCSUS

Sunday, 8th October 2017

16.00 – 18.00

Venue: Universitetshuset

Monday, 9th October 2017

8.00 – 9.00 and during the day

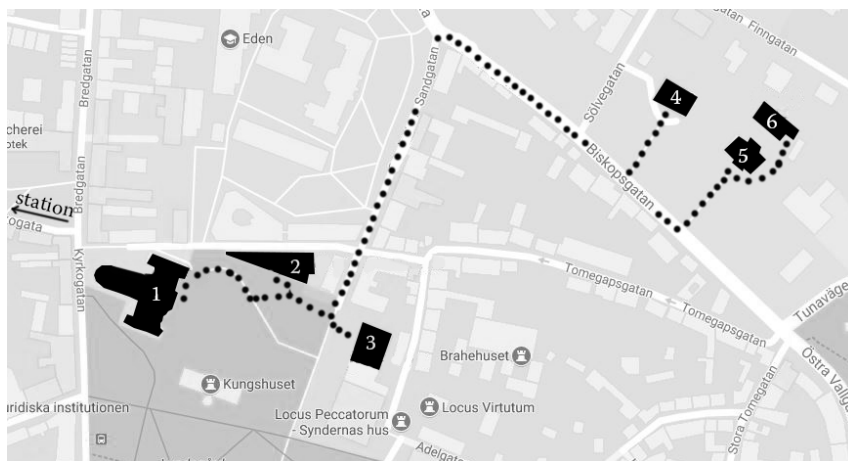
On Tuesday and Wednesday, please register at the information desk in Palaestra.

All participants are kindly asked to wear their name badge visible at all times on the campus of Lund University.

VENUE

The 2017 Lund Conference on Earth System Governance will be held at venues across Lund University: Lund University Centre for Sustainability Studies (LUCSUS), the Universitetshuset, Palaestra et Odeum, AF-Borgen and Pufendorfinstitutet. The campus is part of Lund city centre and within walking distance to the train station.

- 1 – Universitetshuset
- 2 – Palaestra
- 3 – AF Borgen
- 4 – Pufendorf
- 5 – LUCSUS
- 6 – Josephson



CONFERENCE DINNER



Venue: Grand Hotel, Bantorget 1, 222 29 Lund

Tuesday, 10th October 2017

18.30 –


The conference dinner will be held at the Grand Hotel which is in walking distance from the conference venues and within Lund city centre. Participants are asked to organise transport to and from the Grand Hotel themselves.

CONTACT INFORMATION

Conference manager

Isabell Burian

isabell.burian@lucsus.lu.se

 +4915226709993



Programme Overview

Plenary Sessions

OPENING PLENARY

Venue: Universitetshuset Aulan

Monday, 9th October 2017

9.00 – 10.30

I Words of Welcome

Vasna Ramasar, Conference Chair

Torbjörn von Schantz, Vice-Chancellor, Lund University

Frank Biermann, Earth System Governance Project

II Opening Address

Monika Griefahn, Former member of the German Parliament and co-founder of Greenpeace Germany



“Act, but act positive – to face the challenges of our times”

III Opening Keynote

Erik Olin Wright, Department of Sociology, University of Wisconsin - Madison

“Real Utopias as a pathway to an alternative future”



IV Oran Young Price 2017

Heike Schroeder, Chair of the Prize Committee and member of the Earth System Governance Scientific Steering Committee

PLENARY: NEW DIRECTIONS FOR THE EARTH SYSTEM GOVERNANCE PROJECT

Venue: Palaestra Övre, Nedre

Monday, 9th October 2017

17.15 – 18.30

The Earth System Governance New Directions Initiative was launched in 2016 to develop a new, ambitious Science and Implementation Plan for the Project that will inspire and guide research in the years to come, and to form a new leadership team to oversee the implementation of this next research agenda. Join the plenary to find out more about the process and engage in the process so that new ideas, new people and new ways of organizing the research agenda can emerge in a community-driven process.

CLOSING PLENARY

Venue: Universitetshuset, Aulan

Wednesday, 11th October 2017

18.15 – 18.45

Chair

Vasna Ramasar

The closing plenary provides a platform for reflections on the conference, a final statement on the conference theme and the announcement of the timing and location of the 2018 Conference on Earth System Governance.

Semi-Plenary Sessions

SEMI-PLenary I: ENVIRONMENTAL JUSTICE FOUNDATION IN EARTH SYSTEM GOVERNANCE



Hosted by LUCSUS - Lund University Centre for Sustainability Studies

Venue: AF Borgen Lilla Salen

Monday, 9th October 2017

15.30 – 17.00

Chair

Vasna Ramasar, Lund University Centre for Sustainability Studies

Presenters

David Schlosberg, University of Sydney

Stefan Mikaelsson, Sami elder and former President of the Sami Parliament

Stacia Ryder, Colorado State University

Discussant

Fariborz Zelli, Lund University Department of Political Science

The call for environmental justice has been taken up through the ages and across communities and nations. As we face increasing environmental changes, as well as growing inequality between

people inhabiting the planet, analytical, philosophical and empirical investigations of justice, become more critical. This semi-plenary opens up the discussion of environmental justice and brings questions of fairness and equity to the fore for earth system governance. The cross-cutting themes of power, norms, knowledge and scale are central to a discussion of justice. Researchers, policymakers and activists face several challenges in analyzing current crises as well as ensuring that sustainability solutions meet the moral impetus of justice. Stefan Mikaelsson, a Sami elder and former President of the Sami Parliament will share his experiences with social and environmental justice in Sweden and David Schlosberg will offer a justice perspective on adaptation. These two talks will set the context for a panel discussion of environmental justice and how we respond at planetary, national, and local scales.

SEMI-PLenary II: INTERCONNECTIONS BETWEEN SUSTAINABLE DEVELOPMENT GOALS AND THE PARIS AGREEMENT



Hosted by DIE - German Development Institute

Venue: AF Borgen Nya Salen

Monday, 9th October 2017

15.30 – 17.00

Chair

Steffen Bauer, German Development Institute

Presenters

Anders Wijkman, Co-President, Club of Rome

Frank Biermann, Copernicus Institute, Utrecht University

David Mungai, Wangari Mathaai Institute, University of Nairobi (tbc)

Sander Chan, Klimalog Project, German Development Institute

Sustainable development will not be achieved without addressing climate change, which threatens to undermine development achievements. Conversely, policies and actions that address climate change also need to deliver on core issues of sustainable development, including poverty alleviation, food security, gender equality and human rights. The concomitant implementation of the 2030 Agenda with its Sustainable Development Goals and Nationally Determined Contributions under the Paris Agreement thus offer unique opportunities to move towards more integrated development.

However, an integrated approach to sustainable development and climate governance is hard to achieve. While policy makers and practitioners legitimately emphasize synergies and "win-win"-solutions, conflicting interests and substantive trade-offs also need to be considered. Addressing them renders questions of allocation and access at the heart of equitable earth system governance. This session seeks to discuss the pertinent challenges from different disciplinary angles.

SEMI-PLenary III: ARE WE STUCK? EXPLORING NEW DIRECTIONS FOR DECARBONISATION RESEARCH



Hosted by Lund University Department of Political Science and Durham University

Venue: Palaestra Nedre

Tuesday, 10th October 2017

9.00 – 10.30

Chair

Johannes Stripple, Lund University

Presenters

Joost Vervoort, Copernicus Institute of Sustainable Development

Judith Van Leeuwen, Wageningen University

Lars Nilsson, Lund University Faculty of Engineering

Sarah Burch, University of Waterloo

Simon Dalby, Wilfrid Laurier University

Steven Bernstein, University of Toronto

Discussant

Harriet Bulkeley, Durham University

Urgent, radical and rapid changes from a high carbon society are often voiced yet little heeded. Writings from across the social sciences have drawn attention to how forms of intervention aimed at destabilising carbon are emerging — from technical innovations and new agents of change to the experimental city. While the ‘stickiness’ of carbon across domains as diverse as the retail supermarket to the investment portfolios of multinational corporations has been widely noted, research has primarily focused on the ways in which changes to de-carbonise society are taking place and could be imagined. Yet the very stability/inertia of carbon which such interventions aim to overcome remains relatively unexplored. Rather than assuming that this condition is natural or static, the semi-plenary will explore the diverse contexts and means through which carbon is maintained and the ways in which it is being unsettled. The title of the semi-plenary — ‘Are we stuck?’ — is meant to play on the idea that we have not really understood how and why we are stuck in a high carbon world, but it is also a provocation not to get stuck as researchers when thinking about this predicament.

SEMI-PLENARY IV: TRACING ACCOUNTABILITY THROUGH GLOBAL ENVIRONMENTAL GOVERNANCE



Hosted by Munk School of Global Affairs

Venue: Palaestra Övre

Tuesday, 10th October 2017

9.00 – 10.30

Chairs

Teresa Kramarz, Munk School of Global Affairs, University of Toronto,

Susan Park, The University of Sydney

Presenters

Lorraine Elliott, Australian National University Professor

Michael Mason, London School of Economics

Philipp Pattberg, VU Amsterdam

Global environmental governance (GEG) is comprised of state and non-state actors that seek to stem environmental deterioration. This takes place at multiple scales through countless interactions between states, elites, bureaucrats, international civil servants, market actors and environmental non-government organisations. The focus of accountability has to date focused on how different actors are held to account for their actions in meeting environmental goals: States to their commitments in Multilateral Environmental Agreements, corporations and market actors to national laws and voluntary non-state certification and industry or product standards,

environmental NGOs to their supporters and donors, their mission, and increasingly to the state for their accounting practices. This semi-plenary challenges this simplicity by detailing the evolution of hybrid governance through joint activities between state and non-state actors to reveal the often unclear and overlapping accountability relationships that result. When environmental NGOs take on policymaking roles of the state or when corporate actors seek to meet MEA requirements such as those of the UNFCCC, new accountability relationships are forged that require rethinking who is accountable to whom and for what, as well as determining the standards, procedures and sanctions for non-compliance. Within all of this, questions of power remain prominent. Despite the shift towards increasing transparency to better elucidate accountability in GEG, new forms of disempowerment may yet arise. This semi-plenary unpacks how hybrid GEG can be held to account and how inequality manifests despite efforts to hold actors governing the global environment accountable.

SEMI-PLenary V: FROM SCIENCE TO ACTION: WHAT ROLE DO SCIENTISTS PLAY IN ACTIVISM?



Hosted by LUCSUS - Lund University Centre for Sustainability Studies

Venue: Palaestra Övre

Wednesday, 11th October 2017

9.00 – 10.30

Chair

Emily Boyd, Director of LUCSUS, Lund University

Presenters

Dana R. Fisher, University of Maryland

Patrick Bond, Wits School of Governance

Discussant

Angela Oels, Open University Netherlands

In the era of ‘alternative facts’ and post-truth politics, science arguably has a more active role to play in engaging with political, social and environmental reforms. Social movements are emerging as a global force for social change and democratization, and the role of research and researchers deserves our attention.

However, the relationship between science and activism is not an easy one with vociferous voices for both greater action by scientists and contrastingly, more objectivity from science. The role of science-citizen or science-activist in engaged scholarship has been deeply influential in a number of cases. However, activism on behalf of “Science” has led to mixed responses.

Where and how do we engage? What moral obligations do we have and what consequences do we face as a result of our action? These important questions are confronted within the Earth System Governance community in the context of global environmental change in an increasingly warming and unequal world and are the basis of the semi-plenary on science and activism.

SEMI-PLenary VI: EARTH SYSTEM GOVERNANCE TEACHING INITIATIVE



Hosted by the Earth System Governance Project

Venue: Palaestra Nedre

Wednesday, 11th October 2017

9.00 – 10.30

Chairs

Annica Kronsell, Lund University

Michele Betsill, Colorado State University

Presenters

Frank Biermann, Utrecht University

Cristina Inoue, University of Brasilia

Stacia Ryder, Colorado State University

The primary goal of Earth System Governance in its first decade has been to facilitate research collaboration to develop governance mechanisms for the Anthropocene. Yet, addressing these challenges also requires new approaches to teaching. The new directions initiative provides an opportunity for developing Earth System Governance's focus on teaching activities. This semi-plenary provides a space to explore teaching innovation and collaboration for earth system governance. It will begin with an overview of activities to date and a report from the new directions initiative. This will be followed by a collective brainstorming exercise to generate ideas for how Earth System Governance can serve as a teaching platform.

Parallel Sessions

PARALLEL SESSIONS I

Monday, 9th October 2017

11.00 – 12.30

Environmental justice in earth system governance (1.1) - Labour and Business

Venue: LUCSUS Room 116

Socio-ecological Justice in Global Governance: The ILO's Just Transition

Sharmini Gingras,
Dimitris Stevis

Property Rights Revisited – Are Narratives the Way Forward?

Kevin Grecksch, Jessica
Holzhausen

Knowledge/power in global environmental politics: Business authority revisited

Michael Bloomfield,
Nivi Manchanda

Certified Cotton from Ethiopia: Empowerment and Distributional Justice for Smallholder Farmers?

Lena Partzsch, Atakilte
Beyene

Conceptual understandings and progress (2.11) - Sub-national climate governance

Venue: Palaestra Övre

Polycentric Urban Climate Governance in Emerging Economies

Fee Stehle

The growth machine in urban climate 'resilience' planning

Meliha Aljabar

Exploring National and Regional Orchestration of Non-State Action for a <1.5°C World

Sander Chan, Paula
Ellinger, Oscar
Widerberg

Science and activism (3.1) - Science-policy interaction

Venue: Pufendorf Room 104

Science-policy interaction in the context of the UNFCCC. A case study of the Structured Expert Dialogue	Jasmine E Livingston, Terese E Thoni
Who cares about coastal carbon? Mapping scholarly engagement in Twitter discussions	Jennifer Bansard
Solutions-oriented research for global sustainability. Towards a new understanding of the political role of science?	Sandra van der Hel
Navigating trust in collaborative transdisciplinary research: Examining New Zealand's Sustainable Seas National Science Challenge	Karen Fisher, Kate Davies, Will Allen, Kelly Bingham, Lisa Mattson

Theory and methodology (4.1) - Urban Resilience

Venue: LUCSUS Room 117

From economic choice to social choice in coastal management: Cost-benefit analysis, reductionism, and the search for alternatives in Flagler County, Florida, U.S.A.	Chad Stephen Boda
Social-ecological resilience and vulnerability to climate change: An analytical framework for the Chilean case	Anahí Urquiza, Marco Billi
When waves of heat and inequality meet: An interdisciplinary approach to resource mobilization under heatwave conditions in cities of the global South	Maryam Nastar

Earth system governance in turbulent times (5.1) - Governing Technology

Venue: Josephson - Ostrom

Scrutinizing epistemic sources of de facto climate engineering governance: An exploratory analysis and future research agenda	Aarti Gupta, Ina Moller
Governing emerging technologies through fragmented international institutions: The cases of synthetic biology and geoengineering	Florian Rabitz

Governing Technology Transfer in Pursuit of Sustainable Energy:
Implications of the 2030 Agenda Robert Lindner

Debating Solar Climate Engineering Pre-and Post Paris 1.5°C: Who
Evokes Equity, How and Why? Jane Flegal, Aarti
Gupta, Silke Beck,
Arthur Petersen

Conceptual understandings and progress (2.12) – Adaptation

Venue: LUCSUS Library

Framing climate change adaptation in Australian NRM planning Ingid Baker

Explaining the emergence of non-state actors in Transnational
Adaptation Governance Adis Dzebo

An evaluation of decentralized rural electrification through solar
energy with special reference to solar street lights: A case study of
Punjab state (India) Ravneet Kaur, Navreet
Kaur

*Innovative Session: How should we conceptualize Nature and Society in the Anthropocene
(6.1)*

Venue: Palaestra Room 105

Organisers

LUCID – Lund University Centre Of Excellence For Integration Of Social And Natural
Dimensions Of Sustainability

Meeting global sustainability challenges such as climate change, water scarcity, biodiversity loss and land use change is urgent for society. Yet, the divide between natural and social sciences represents an obstacle to creative solutions. In 2008, the Swedish Research Council Formas granted a ten-year research project to a consortium at Lund University named LUCID (*Lund University Centre of Excellence for Integration of Social and Natural Dimensions of Sustainability*). Now, in our penultimate year, we will present, briefly, some of our most important results. In this session we question the way Nature and Society are conceptualized and debate the implications of different ontological and epistemological positions. We will also take this opportunity to discuss the process of ‘advanced interdisciplinarity’, i.e. interdisciplinary across the divide between social and the natural sciences. Organised in a three-dimensional matrix structure composed of: Four sustainability challenges, three generic core themes, and two cross-cutting

research approaches, LUCID strives to develop generic approaches to the study of and solutions to sustainability problems. By pursuing critical and problem-solving research strategies and by developing new integrated theories and methods for addressing complex sustainability challenges, LUCID aims at creating novel and unique synergies across natural and social sciences.

PARALLEL SESSIONS II

Monday, 9th October 2017

13.30 – 15.00

Environmental justice in earth system governance (1.2) - From local perspectives to global norms (1)

Venue: Josephson Ostrom

Navigating the normscape: The role of intermediaries in bringing local justice claims to global forest governance Neil Dawson

Internal politics and the Recognition of Environmental Justice Claims: The Case of the Merowe Dam in Sudan Nada Ali

Which REDD+ and for whom? Competing claims and justice rationales in Mexico, Nepal and Vietnam Poshendra Satyal

Investigating the influence of global norms on natural resource and development conflicts: Lessons from Nepal, Uganda, and Sudan Mark Zeitoun

Decolonizing Environmental Justice Lina Álvarez, Brendan Coolsaet

Conceptual understandings and progress (2.2) - Sustainable Development Goals

Venue: Palaestra Övre

Why and how do institutions interact? Causal mechanisms and ideal conditions for national SDGs implementation Alizan Mahadi

The Transformative Power of the Sustainable Development Goals: Creating an Integrative and Coherent Framework for Multilateral Agreements Dona Barirani, Frank Biermann, Rak Kim

Mapping political inequality in natural resource governance: A research framework Karen Siegel

Science and activism (3.2) - Knowledge to action

Venue: LUCSUS Room 117

Don't scare the kids: Barriers to sharing professional climate knowledge in personal circles Liese Coulter

Environmental Auditing as a Tool of Environmental Governance in Ukraine Anna Ruban

Beyond paradigm shifts: The dynamics of belief systems and their role in the society-nature relationship Christopher Orr

Theory and methodology (4.2) - Carbon Pricing in the New Politics of Climate Change

Venue: Palaestra Room 105

Carbon valuation in the transport sector: Reflections on the Swedish case Jamil Khan

Polity and politics of carbon-dioxide taxation in small European states Mikael Skou Andersen

Carbon markets interaction: Design and diffusion post-COP21 Jorgen Wettestad, Lars Gulbrandsen

International Diffusion and Domestic Policy Processes: Exploring the Adoption of Carbon Pricing Policies Åsa Knaggård, Jakob Skovgaard, Roger Hildingsson

Pricing carbon by economic reason: The case of the Swedish carbon tax Roger Hildingsson, Åsa Knaggård

Earth system governance in turbulent times (5.2) - Governing the Future

Venue: Pufendorf Room 104

Climate induced conflicts and the risk of a self-fulfilling prophecy Lennart Olsson

Linking environmental foresight and governance – a comparative study on scenario-guided policy formulation in Tanzania, Uganda and Burkina Faso Lucas Rutting, Joost Vervoort, Peter Driessen, Robert Zougmore

The challenges of reconceptualizing anticipatory governance to climate change and migration futures in the Sahel

Karlijn Muiderman,
Joost Vervoort, Aarti
Gupta, Frank Biermann

What paths from foresight to robust and inclusive policy? Comparing three methodologically distinct scenario processes in Bangladesh

Maliha Muzammil,
Joost Vervoort, Sheikh
Moinul Islam

Innovative Sessions - Urban Experimentation for Earth System Governance? (6.2)

Venue: LUCSUS Library

Organiser

Harriet Bulkeley, Durham University

Lorna Winship, Durham University

The role of cities in Earth System Governance was first recognized two decades ago as pioneers in the field identified the urban as both a site and actor in the response to global environmental change. Over this period, the urban has gone from a side-line specialism to a mainstream concern within both academic and policy communities, perhaps most vividly realised in 2500+ urban initiatives now listed as part of the UNFCCC's NAZCA. If initial debates sought to make space for the city through the concept of multilevel governance or to add cities into the traditional domain of international relations through focusing on their role in establishing new forms of transnational climate governance, more recent work has demonstrated how matters of Earth System Governance have come to form a central part of the strategic agendas of urban development across actors as diverse as municipal authorities, non-state actor movements, and the corporate sector.

The growing strategic importance of earth system issues to urban governance, and of cities to the ways in which the governing of the earth system is taking place, raises many significant questions about whether, how and with what consequence the urban can be mean through which earth system challenges can be addressed. In this session, we focus on one particular phenomenon – the growth of urban experimentation – and its potential, limits and consequences for Earth System Governance. The session will draw together representatives from a suite of projects that are examining the ways in which urban experimentation is being used to govern sustainability – food, water, energy, climate, health, pollution, consumption – and consider: (a) to what extent can such forms of urban sustainability experimentation be regarded as a form of 'earth system' governance; (b) what evidence exists there that urban experimentation is being used to address questions of sustainability and what are its limits; and (c) what consequences are arising from the growth of

urban experimentation – in particular, what does urban experimentation mean for questions of inclusion, equity and justice in governing sustainability?

The session will be arranged as a dialogue. Initial introductions to a series of current research projects on the theme of urban experimentation will be provided (max 5 mins each) and a moderated discussion between the participants and the audience will take place to address the three themes of the role of urban experimentation in earth system governance, its potential & limits, and its consequences and implications for environmental justice. The session will be designed to be provocative and interactive, seeking to test the boundaries of the extent to which the new wave of urban interventions in the name of sustainability are contributing to Earth System Governance.

PARALLEL SESSION III

Tuesday, 10th October 2017

11.00 – 12.30

Environmental justice in earth system governance (1.3) - From local perspectives to global norms (2)

Venue: Josephson Ostrom

“Georgetown ain’t got a tree. We got the trees”-Amerindian Power & Participation in Guyana’s Low Carbon Development Strategy

Sam Airey, Torsten Krause

F-Oil: A fair-trade standard for oil?

Julian Nowag, Max Åhman, Sara Brogaard, Henner Busch

Feasibility of energy justice: Exploring national and local efforts for energy development in Nepal

Mine Islar, Sara Brogaard, Martin Lemberg-Pedersen

Decoupling: conceptual struggles and practical engagement

James Meadowcroft



Conceptual understandings and progress (2.3) - Water Governance

Venue: Josephson Carson

Improving flood resilience – ten governance lessons

Dries Hegger, Peter
Driessen

Towards design principles for enhancing urban flood resilience: A comparative study on required governance conditions in 18 European areas

Carel Dieperink

Ecosystem Services Involving Coffee Production and Water Management: Insights on a Payment for Ecosystem Services Design

Gaby Rivera

Assessing the Vulnerability of Urban Poor to Climate Change in India

Pritee Sharma, Anup
Karanth, Megha
Burvey, Amit Dubey

Science and activism (3.3) - Civil Society

Venue: LUCSUS Room 117

Public Participation in Global Environmental Governance: A case study of NGO influence in the pre-negotiation of the Paris Agreement

Johanna Velásquez
Serna

Challenges of Science-based Activism in a New-born Civil Society

Mahdi Moghimi

Environmental Justice and the Accountability Mechanisms of the Multilateral Development Banks

Susan Park

Cultivating justice? A critical analysis of the correlation between Political Gardening and Spatial Injustice in Rome

Chiara Certomà,
Federico Martellozzo

Theory and methodology (4.3) - Scalar issues in governance

Venue: Pufendorf Room 104

Walking the line: Contemplating environmental justice through a trans-scalar ethnography of relations

Theodor Aalders

Polycentric climate governance and innovation

Dave Huitema

The Diffusion of IPCC Adaptation Policy Frames and Narratives to National Adaptation Agendas	Ingrid Baker
Theorising Environmental Policy Integration: building blocks from a review of Climate Policy Integration research	Hens Runhaar, Betinna Wilk, Åsa Persson, Christine Wamsler, Caroline Uittenbroek
<i>Earth system governance in turbulent times (5.31) - Climate Negotiations</i>	
	Venue: Palaestra Övre
Mediating the World: An Assessment of the French Presidency of the 2015 UN Climate Negotiations	Hayley Walker, Katja Biedenkopf
Rhetoric in climate change public policy process: Persuasion strategies on the road to the Paris Agreement	Guarany Osório
Understanding Climate Commitment at the State-Level: Lessons from Major Latin-American Countries: Argentina, Brazil, Colombia, Venezuela and, Mexico. 2007-2016	Matias Franchini
The Role of Policy Learning in Unlocking Deadlocked Negotiations	Katharine Rietig
Small is beautiful? The politics of climate change in small European states	Neil Carter, Fay Farstad, Conor Little, Diarmuid Torney
<i>Earth system governance in turbulent times (5.32) - Planetary Politics</i>	
	Venue: Palaestra Nedre
The 'Three Geos': A New Approach to Study International and Environmental Security Scenarios	Dhanasree Jayaram
Planet Politics: The Manifesto and After	Anthony Burke, Stefanie Fishel
Understanding the contemporary history of Earth Systems Governance: Exploring the weird ecology of the Anthropocene	Richard Lane
Governing foresight: The politics of imagining Anthropocene futures	Joost Vervoort, Aarti Gupta

Innovative Session - Wild Wild East: Leapfrogging to the Top. New Horizons for the Earth System Governance Project (6.3)

Venue: LUCSUS Library

Organisers

Ruben Zondervan, Earth System Governance Project

Nicolas J.A. Buchoud, Center for Urban Studies and Regional Development (CUR), and the Siberian Institute for the Future, Tomsk State University (TSU)

Tatiana Kluvankova, SPECTRA – Centre of excellence EU: Slovak University of Technology, Slovak Academy of Sciences and Faculty of Management Comenius University

PARALLEL SESSION IV

Tuesday, 10th October 2017

13.30 – 15.00

Environmental justice in earth system governance (1.4) - Climate mechanisms

Venue: Palaestra Övre

The Role of Institutions in Access and Allocation of Emission Trade System in Central America

Cintya Molina

Intended Nationally Determined Discursive Contributions: A discourse analysis of INDCs from top emitters and the climate vulnerable forum

Megan Mills-Novoa,
Diana Liverman

MRV of climate action by non-Party stakeholders: Key step to exceed NDCs of the Paris Agreement

Jisun Hwang

The 'Global Stocktake' in the Paris Agreement – What Lessons from other Regimes to Design an Effective Global Review Mechanism?

Manjana Milkoreit

Conceptual understandings and progress (2.41) - Science policy interface

Venue: Josephson Ostrom

Shaping flood risk governance through science-policy interfaces: Insights from England, France and the Netherlands

Dries Hegger, Meghan Alexander, Sally Priest, Tom Raadgever, Silvia Bruzzone

Fracking in Silence: The Politics of Unaccountable Expectations	Teresa Kramarz
Energy Poverty in Middle-development countries: An interdisciplinary science-police dialogue from Chile	Anahí Urquiza, Marco Billi
Explaining changes in climate related policy paradigms: A study on influencing drivers & modes of policy change in Bangladesh & Nepal	Sumit Vij
<i>Earth system governance in turbulent times (5.41) - Transboundary Water Governance</i>	
	Venue: Josephson Carson
Regional Water Environmental Challenges in the Nile River Basin of Africa: Erudition between science and activism	Carlos Pascual
Multi-level governance of transboundary water: Direct and transnational climate impacts in the Tagus and Guadiana river basins	Adis Dzebo, Tiago Capela Laurencó, Henrik Carlsen
Community-based stories of water and livelihoods in Kenyan drylands	Stacy Lynn, Melinda Laituri
<i>Conceptual understandings and progress (2.42) - New Areas of Earth System Governance</i>	
	Venue: LUCSUS Room 117
Environmental Governance and the Armed Forces: An Indian Perspective	Dhanasree Jayaram
Firepower: Combustible Geopolitics in the Anthropocene	Simon Dalby
Targeting environmental injustices in the Niger Delta Region of Nigeria: A question of Human Rights	John Didacus Njoku
Innovative norm setting for economic actors- The One Planet Thinking approach	Nora Sticzay
<i>Earth system governance in turbulent times (5.42) - International Relations</i>	
	Venue: Pufendorf Room 104
The politics of SDG responsibility – the cases of Sweden and Tanzania	Magdalena Bexell, Kristina Jönsson

Fossil Fascism: Reversing the Imperialist Gaze of Climate Security Cara Daggett

Policy Translation: Dealing with Complexity in Turbulent Times Farhad Mukhtarov

The Impact of Chinese Foreign Direct Investment and Government
Transparency on Natural Resource Depletion in Sub-Saharan Africa Hyeyoon Park

*Earth system governance in turbulent times (5.43) - Non-state actors in Earth System
Governance*

Venue: Palaestra Nedre

New Alliances in Global Sustainability Governance: International
Environmental Bureaucracies and Non-State Actors Thomas Hickmann

Climate policy integration in rapidly urbanizing developing countries:
implications for allocation and access in medium-sized Kenyan cities Steffen Bauer, Eva Dick

The role of non-negotiation settings in facilitating transnational
climate governance Katharine Rietig

The innovation role of Transnational Municipal Networks: Prospects
for the complex system of global climate governance. Marielle Papin-
Manjarrez

Innovative Session - Urban Governance Book Project (6.4)

Venue: LUCSUS Library

**The Politics of Urban Climate Futures: Increasing Agency and Contested
Empowerment**

Editors

Jeroen van der Heijden, Australian National University

Harriet Bulkely, Durham University

Chiara Certomà, Scuola Superiore Sant'Anna, Pisa

This initiative will lead forward an edited volume of accessible chapters that bring together earth system governance scholarship on urban climate governance. It is now evident that urban responses to climate change involve a diverse range of actors as well as forms of agency that cross

traditional boundaries, and which have diverse consequences for (dis)empowering different social groups and effects for questions of justice. Friction between novel forms of agency, new agents of change and (dis)empowerment is a missing focus in existing scholarship. This edited book addresses this knowledge gap, and raises important issues for how we understand urban climate responses. Questions that will be addressed are: What novel agents have emerged in urban climate governance since the early 1990s, and in what ways do they act? How is authority given to or taken by them, and how do they exercise agency? Who gains and who loses from a growing number of agents in urban climate governance? To what extent and how does including novel agents in urban climate governance empower them? Whether and how can (dis)empowerment in urban climate governance be studied, made visible, and challenged?

PARALLEL SESSION V

Tuesday, 10th October 2017

15.30 – 17.00

Environmental justice in earth system governance (1.51) - Citizen Participation

Venue: Josephson Maathai

From citizen participation to government participation?

Heleen Mees, Thomas Thaler, Mathilde Gralepois, Conor Murphy

Engaging with citizens: How to reorganize governmental organizations to facilitate citizen participation in climate adaptation?

Caroline Uittenbroek, Heleen Mees

Environmental Justice in India

Sandeep Kumar

Ecological democracy in the Urban: Citizen municipalism in the aftermath of right to the city movements in Barcelona

Mine Islar

Addressing climate change through sustainable agricultural practices in India with reference to biogas program: A review of state of Punjab

Navreet Kaur, Ravneet Kaur

Conceptual understandings and progress (2.5) - Reinventing Decarbonisation: Realms of low carbon in the Earth System

Venue: Palaestra Övre

Mapping the decarbonizing of plastic: From plastic bag bans to the EU circular economy	Tobias Nielsen, Ekaterina Chertkovskaya, Johannes Stripple, Karl Holmberg
Why is a high-carbon world so robust? From decarbonisation to undoing carbon	Johannes Stripple, Harriet Bulkeley
Reinventing Decarbonization: Investigating the role of agency in EU low carbon transition pathways	Maria Tziva, Agni Kalfagianni, Simona Negro
'Three extra minutes'. Contesting Complete Streets in Ottawa	Matthew Paterson, Louis Machabée
Analyzing bottom-up climate governance using Integrated Assessment models	Andries Hof, Oreane Edelenbosch, Detlef Van Vuuren
<i>Theory and methodology (4.5) - Participatory allocation tools</i>	
Venue: LUCSUS Library	
Changing the rules: Game co-design as a method of inquiry and experimentation with systems of environmental governance	Joost Vervoort, Stefan Werning
Power of mutual-gains approach to reallocate for sustainability of global environmental commons	Ilkhom Soliev, Insa Theesfeld
Justice, Democracy, and Water Allocation: A Tale of Two Basins	Steve Vanderheiden
<i>Earth system governance in turbulent times (5.5) - Private sector actors</i>	
Venue: Josephson Ostrom	
Explaining Institutional Complexity and Private Authority in Global Climate Governance: The cases of climate engineering, REDD+, and short-lived climate pollutants	Fariborz Zelli, Ina Möller, Harro van Asselt

Emerging Markets and Private Governance: The Political Economy of Sustainable Palm Oil in China and India Philip Schleifer, Yixian Sun

Transparency in Transnational Sustainability Governance: A Multivariate Analysis of Regulatory Standard-Setting Programs Philip Schleifer, Matteo Fiorini, Graeme Auld

Who will govern the bioeconomy? – Possibilities and barriers for voluntary certification schemes in the EU Sara Brogaard, Henner Busch, David Harnesk

Environmental justice in earth system governance (1.52) - International Relations

Venue: Palaestra Nedre

Climate change and SDGs governance across scales and issue areas: SIDS and benefit and burden sharing Michelle Scobie

Accountability without frontiers: Global review for the ‘Global Goals’? Graham Long

Coalition Dynamics in the UNFCCC: Levelling the Playing Field for Small States? Carola Klöck, Paula Castro

Environmental Rights and the Perils of Intergovernmentalism: Assessing ASEAN Cooperations on Environment (1977-2017) Ahmad Rizky M Umar

Multi-level Global Climate Governance in the Global South. Case Studies from India and Indonesia Chris Höhne

Environmental justice in earth system governance (1.53) - Scale

Venue: LUCSUS Room 117

Governance under planetary limits: Lessons from emerging efforts at different scales Jose Antonio Puppim de Oliveira

The Strategic Approach to International Chemicals Management (SAICM): More Inclusive, More Flexible and More Effective? Katja Biedenkopf

Building Green Fences: China, Sustainability and the New Global Political Economy of Wastes Kate O’Neill

Analyzing the Governance of Large Ecosystems: Building on Ostrom’s SES Framework Jon Marco Church

The long shadow of agricultural commodity production: Navigating multi-scale environmental and economic tradeoffs in Vermont, USA

Michael Wironen, Jon Erickson

Innovative Session - Environmental security for non-stationarity: Identifying and addressing inequalities (6.5)

Venue: Pufendorf Room 104

Organisers

Naho Mirumachi, King's College London

François Gemenne, University of Liège

Andrea Gerlak, University of Arizona

In a context of on - stationarity, the concept of environmental security requires renewed thinking on when, where, how, what kinds and for whom insecurities emerge. In addition, it requires critical scrutiny on the inequalities produced by responses devised to address and abate such volatile insecurities. It is not unusual to find policy discussions that direct attention to environmental security - e.g. climate threats, water scarcity or land grabbing - generating and legitimize inequalities for reasons of political - economic stability or resilience. These policy responses need to take into consideration the allocation of benefits and burdens, as well as access to means of redress by those negatively affected. The purpose of this session is to make conceptual advances on environmental security, with an aim to refine analytical lenses on the inequalities of security 'threats' and 'responses'. This session builds on the work of the Environmental Security working group, Taskforce on Conceptual Foundations of Earth System Governance. The group has posed questions on knowledge, agency and governance mechanisms that shape environmental security through a series of events (Royal Geographical Society 2016, London workshop 2017). This third event will consolidate discussions on the referent object, actors and institutions that frame discourses on the knowledge, norms and principles determining environmental security logics. This session directly contributes to two thematic streams of the conference: 'earth system governance in turbulent times' and 'conceptual understandings and progress'. Revisiting basic questions on the role and function of security in the Anthropocene opens up deliberation on limitations and potential transformations of governance structures dealing with the socio - political and biophysical inequalities of environmental security threats and responses. The interdisciplinary composition of the panel will shed light on blind spots and new directions for environmental security research. The panellists will focus on various themes including migration, water, climate and non - traditional security actors. After short interventions from panellists on (i) insecurities

and inequalities (ii) policy responses (iii) new analytical approaches, the session will invite a debate with the audience.

PARALLEL SESSION VI

Wednesday, 11th October 2017

11.00 – 12.30

Conceptual understandings and progress (2.6) - Polycentric Governance: Multi-Level Co-Ordination and Prospects for Sustainability

Venue: Palaestra Nedre

Polycentricity of Forest Commons: Enhancing Social Innovation for Well-Being in Marginalised Regions in Europe?

Stanislava Brnkalakova,
Tatiana Kluvankova,
Andrej Udovc, Maria
Nijnik, Miguel
Sottomayor, Gun
Lidestav

Co-Ordination Problems in Polycentric Governance

Tatiana Kluvankova,
Susan Baker

Polycentric Governance for Sustainability in Cross-border Regions in Central Europe

Martin Spacek, Milan
Husár

Seeing like a (Postcolonial) State: Parks, Reserves and Peoples in Mozambique

Anselmo Matusse

The Phasing out of Fossil Fuel Subsidies and EU State Aid Rules

Julian Nowag, Max
Åhman, Luis Mundaca

Theory and methodology (4.8) - Social Theory

Venue: LUCSUS Room 117

Return of Food Riots? Risks of social unrest from climate change and structural change

Anne Jerneck, Lennart
Olsson

Conceptual presuppositions of intergenerational justice

Marcus Düwell, Dascha
Düring

Understanding institutional change in environmental governance: The concept of “institutional work” James Patterson, Raoul Beunen, Dave Huitema

Tomorrowland: Critical social theory of earth system governance Ian Manners

Earth system governance in turbulent times (5.61) - Certification and private actors

Venue: Palaestra Övre

Sustainable food governance: Feeding the world while saving the climate? Agni Kalfagianni, Lena Partzsch

Coffee certification and ecosystem services in Brazilian savannas: Perspective from farmer’s knowledge on pollination Adrian David González Chaves, Patricia Pinho

Access to Governance: Explaining the Trajectory of Certification Schemes Across Markets and Producer Groups Kristin Sippl

The role of responsible innovation in the case of certifications of GMOs and non-GMOs soybeans facing climate change demands Julia Guivant

Environmental justice in earth system governance (1.62) - Biodiversity

Venue: Josephson Ostrom

Why we should not miss the monkeys for the trees – defaunation as the Damocles sword in forest governance Torsten Krause, Tobias Dan Nielsen, Fariborz Zelli

Meanings of forest landscape restoration (FLR) from global to local forest governance Sabine Reinecke, Mareike Blum

Governance and the access and allocation of forest protected area (FPA) resources in Zimbabwe Vurayai Timothy Mutekwa

Changing dynamics between science and politics and the effectiveness of soft-law international environmental regimes. The case study of the Arctic Council Malgorzata Smieszek

Earth system governance in turbulent times (5.62) - Governing the commons

Venue: LUCSUS Room 117

Governing borderless climate risks in a bordered world

Magnus Benzie, Åsa
Persson

Optimal policy decision-making of Common Pool Resources

Nidia Catherine
Gonzalez Pineros

Re-allocating Public Space: A resource for re-embedding
social/environmental justice values into the politics of the common
good

Maria Josefina Figueroa

Innovative Session - Earth System Law Workshop (6.6)

Venue: LUCSUS Library

Organisers

Rak Kim, Utrecht University

Dona Barirani, Utrecht University

We invite you to the first workshop of the Earth System Law taskforce at the Earth System Governance Conference in Lund. In an interactive setting, you will reflect on the legal dimensions of large-scale transformations, which range from traditional environmental policy problems to the governance of earth system transformation. In light of the potential far-reaching epistemological, ontological, ethical and normative implications of the Anthropocene, the taskforce on Earth System Law aims to address pressing questions of the Anthropocene by searching for fresh, radical and innovative legal approaches for enabling and governing planetary transformations. In the workshop you will explore novel legal developments in and for the Anthropocene.

PARALLEL SESSION VII

Wednesday, 11th October 2017

13.30 – 14.50

Environmental justice in earth system governance (1.71) - Adaptation

Venue: LUCSUS Library

The Global Climate Action Agenda: Effectively bolstering transnational
adaptation?

Sander Chan, Wanja
Amling

Contributions of Social Learning to local public planning on adaptation to climate change in Brazil Mariana Nicolletti

The flows of gender mainstreaming from international formation to local implementation in climate change adaptation. The case from Southern Malawi Jane Maher

Can nature-based solutions address social processes underpinning vulnerability? Evidence from Sri Lanka Christine Wamsler, Stephen Woroniecki, Emily Boyd

Conceptual understandings and progress (2.71) - Ecological Democracy

Value: Palaestra Övre

Who will form the Anthropocene?

John Dryzek, Jonathan Pickering

Leaving No-One Behind? The Influence of Civil Society Participation on the Sustainable Development Goals

Carole-Anne Sénit

Democratising planetary boundaries

Jonathan Pickering, Åsa Persson

Environmental justice in earth system governance (1.72) - Energy Justice

Venue: LUCSUS Room 116

Distributing the Benefits and Burdens of the Energy Transition: Lessons from Community Renewables

Annalisa Savaresi

Power Shifts: The Implications of Distributed Renewable Energy Transitions for Political Systems and Outcomes

Marie Claire Brisbois

Navigating the Climate-Energy Nexus

Lisa Sanderink

Conceptual understandings and progress (2.72) - Energy

Venue: Josephson Ostrom

Analysing and explaining the low-carbon technology transfer policies of France, Germany and the UK

Lisanne Groen

Yasunization, climate and environmental justice: Toward a social footprint of oil operations. Reflections from a study case.

Daniele Codato,
Salvatore Eugenio
Pappalardo, Alberto
Diantini, Francesco
Ferrarese, Massimo De
Marchi

When green turns brown: Explaining the performance of renewable energies in Brazil

Florian Rabitz, Markus
Fraundorfer

Environmental justice in earth system governance (1.73) - Sub-National Governance

Venue: LUCSUS Room 117

Participatory scenario-guided long term planning at sub-national levels: case studies from Honduras and Cambodia

Marieke Veeger,
Rathana Peou, Joost
Vervoort, Charlotte
Ballard

Non State Actions in Agenda 2030 and Paris Agreement
Implementation: Exploring Nigerian non state actors in partnerships.

Okechukwu Enechi

From Integration to Inter-linkages: Tools for national SDGs
Implementation

Alizan Mahadi

Environmental Provisions in Preferential Trade Agreements and Domestic Environmental Policies: Mutually Reinforcing or Worlds Apart?

Jean-Frédéric Morin,
Clara Brandi,
Dominique Bruhn

Conceptual understandings and progress (2.73) - Anthropocene Encounters: New Directions in Green Political Thinking

Venue: Palaestra Nedre

Introduction to the Anthropocene Encounters book

Eva Lövbrand
Anthony Burke,

Power after Power: World Politics and the Anthropocene
Change and Continuity in the Anthropocene

Stefanie Fishel
James Meadowcroft



The Politics of Urban Climate Futures: Increasing Agency and Contested Empowerment

Editors

Jeroen van der Heijden, Australian National University

Harriet Bulkely, Durham University

Chiara Certomà, Scuola Superiore Sant'Anna, Pisa

This initiative will lead forward an edited volume of accessible chapters that bring together earth system governance scholarship on urban climate governance. It is now evident that urban responses to climate change involve a diverse range of actors as well as forms of agency that cross traditional boundaries, and which have diverse consequences for (dis)empowering different social groups and effects for questions of justice. Friction between novel forms of agency, new agents of change and (dis)empowerment is a missing focus in existing scholarship. This edited book addresses this knowledge gap, and raises important issues on how we understand urban climate responses. Questions that will be addressed are: What novel agents have emerged in urban climate governance since the early 1990s, and in what ways do they act? How is authority given to or taken by them, and how do they exercise agency? Who gains and who loses from a growing number of agents in urban climate governance? To what extent and how does including novel agents in urban climate governance empower them? Whether and how can (dis)empowerment in urban climate governance be studied, made visible, and challenged?

PARALLEL SESSION VIII

Wednesday, 11th October 2017

15.00 – 16.30

Environmental justice in earth system governance (1.81) - Climate equity

Venue: Palaestra Övre

New wine in old bottles? The role of equity in the Paris Climate agreement.

Peter Lawrence,
Michael Reder

Planetary Justice – Towards a more equitable discourse in climate change governance

Frank Biermann, Agni Kalfagianni, Franziska Krasemann

Means to an end or an end in itself? Empirical evidence on the relevance of equity in payments for ecosystem services

Lasse Loft

Conceptual understandings and progress (2.8) - Ecological Democracy

Venue: Palaestra Nedre

Green democracy and the Anthropocene: Seeds of change or scorched earth?

Karin Bäckstrand,
Simon Niemeyer

The Place of Rights in Earth System Governance Democracy

Robert Bartlett, Walter Baber

Bringing Human–Nature Relations into Ecological Democracy through Empathic Rationality

Annica Kronsell

Theory and methodology (4.6) - Quantitative methods for governance

Venue: Pufendorf Room 104

Mining and Modelling Environmental Governance

Claire Lajaunie, Pierre Mazzega, Etienne Fieux, Serge Morand

Telecoupled Vulnerabilities in Food and Land Systems: Modeling the cascading effects of breadbasket failure

John Casellas Connors,
Anthony Janetos

Understanding the World Ocean Regime and Allocation and Access to Coastal and Marine Resources through Quantitative Content Analysis

Peter Jacques, Rafaella Lobo

Bioeconomic Modelling of Fishery Conservation Policies in the Philippines

Maria Rebecca Campos

Earth system governance in turbulent times (5.81) - Biodiversity Management

Venue: Josephson Carson

Natural resource governance in war effected situation – the case of Swat district of Khyber Pakhtunkhwa province of Pakistan

Khurram Iqbal, Babar Shahbaz

Governance amid spatial fragmentation, wildfires, and drought: Studying the impacts of the Chilean Forestry Model in Central-South Chile

Sandra Fernandez, Edilia Jaque, Alfonso Fernandez, Rodrigo Fuentes

A Sustainable and Resilient Caribbean – Benefit sharing, conservation and sustainable use of Marine Biological Diversity Beyond Areas of National Jurisdiction

Michelle Scobie

The influence on landscape development

Klara Johanna Winkler, Jennifer Hauck

Environmental justice in earth system governance (1.82) - Energy Justice in Earth System Governance

Venue: Josephson Ostrom

“Successful” low-carbon energy transformation at the community level? An energy justice perspective

Luis Mundaca, Henner Busch, Sophie Schwer

Emerging conflicts and dimensions of justice associated with the renewable energy transition

Sara Brogaard, Max Åhman, Mine Islar

Opening the Black Box of Power in Sustainability Transitions – Insights from Comparative Political Economy

Lukas Prinz, Anna Pegels

Earth system governance in turbulent times (5.82) - Climate Coalitions

Venue: Pufendorf Room 104

South-South relations and Earth System Governance: Brazilian participation in multilateral environmental agreements and its international development cooperation

Cristina Inoue, Kathryn Hochstetler

Reformation of Climate Coalitions: A Discursive Cartography of the Post-Paris Policy Landscape

Maria Jernnäs, Björn-Ola Linnér, Eva Lövbrand

Environmental Justice and the Accountability Mechanisms of the
Multilateral Development Banks

Susan Park

Moral duties of carbon majors: Implications for global climate
governance

Aysem Mert, Robert
Falkner, Sander Chan

*Innovative Session - Synthesizing and Identifying Emerging Issues in Adaptiveness Research
within the Earth System Governance Framework (2007-2017) (6.8)*

Venue: LUCSUS Library

Scale and Transboundary Coordination in Multi-level Environmental
Governance: Implementation of California's 2014 Sustainable
Groundwater Management Act

Anita Milman

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

Bernd Siebenhüner,
Riyanti Djalante

Adaptation as a common but differentiated necessity: The influence of
low perceived vulnerability on knowledge application

Liese Coulter

PARALLEL SESSION IX

Wednesday, 11th October 2017

17.00 – 18.00

Environmental justice in earth system governance (1.91) - Contested democracy

Venue: Pufendorf Room 104

Do you hear the people sing? Environmental activism and state control
in Xi's China

Natalie W.M. Wong

Climates of Justice: Navigating a Contested Terrain

Eva Lövbrand, Karin
Bäckstrand, Mårten
Pella

Representing whose interests? Stakeholder perceptions around
allocation and access in climate policy initiatives

Tim Cadman, Tek
Maraseni

Hail to democracy? Revisiting institutional preconditions for sustainable development

Okka Lou Mathis

Conceptual understandings and progress (2.9) - Decarbonization

Venue: Palaestra Övre

Sustainable Welfare in a Global Steady-state Economy: The Role of the State

Max Koch

Dynamic Multilevel Governance as Cosmopolitan Governance
Navigating Sustainable Transformation

Andreas Klinke

Capturing a moving target: De-carbonizing shipping through new forms of governance

Judith van Leeuwen

Environmental justice in earth system governance (1.92) - Agency in Earth System Governance

Venue: Palaestra Nedre

Empowerment and critical consciousness: Two sides of the coin in urban climate governance

James Patterson

Governing and accelerating transformative entrepreneurship (GATE): An empirical analysis of the potential for small business to influence urban sustainability

Sarah Burch, Linda Westman, Chris Luederitz, Aravind Kundurpi, Scott Morton Ninomiya

“Accepting Decline?” – Four scenarios to overcome innovative scarcity in English & Welsh drought and water scarcity management

Kevin Grecksch

Agency in Earth System Governance: Preliminary findings from the Agency Harvesting Initiative

Michele Betsill, Tabitha Benney, Calum Brown, Sander Chan, Okechukwu Enechi, Andrea Gerlak, Ina Möller, James Patterson, Michelle Scobie, Sandra van der Hel

Environmental justice in earth system governance (1.93) - Adaptation

Venue: Josephson Ostrom

Analysis of the governance system of the Ardennes and its adequacy vis-à-vis climate change

Jon Marco Church

Climate Change Adaptation in agriculture sector: An analysis of governance challenges in two Pakistani provinces

Muhammad Mumtaz

Managing climate change risks in rural coastal Bangladesh: The role of community-based adaptation approach

Md Masud All Kamal

Indigenous Peoples and REDD+ governance – pathways and challenges from a local level perspective: The case of Suruí Forest Carbon Project, southern Amazon region, Brazil

Maria Elfving, Célio Andrade

Innovative Session - Planet politics roundtable (6.9)

Venue: LUCSUS Library

Presenters:

Anthony Burke, University of New South Wales

Stefanie Fishel, University of Alabama

Frank Biermann, Utrecht University

Simon Dalby, Wilfrid Laurier University

The Manifesto of “Planet Politics” was published in 2016 and has since attracted widespread interest and debate. Its strongly eco-centric argument that neither the field nor the institutional system of International Relations is capable of addressing the intertwined climate, oceans, and biodiversity crises has resonated and provoked. Politically, it argued for a multilevel “cosmopolitics” and distributed forms of social change that would combine post human ethics, environmental defence and resistance, and “hard law” forms of (international) environmental law and governance. Intellectually, it understood Planet Politics as a capacious umbrella for a series of plural but strongly eco-centric research approaches, even as it advanced its own line of thinking inflected by cosmopolitanism, post-humanism, and the new materialism.

Contributors to this roundtable consider many lines of departure including: Its affinities with the Earth System Governance project, its challenge to environmental politics research, modes of environmental activism, and the challenge of matching governance practices to the scale and urgency of the global ecological crisis.

Side Events

EARLY CAREER RESEARCHER DAY

Sunday, 8th October 2017

9.00 – 17.00

Venue: LUCSUS Library

Developing a career in earth system governance: opening up science

As was the case at previous Earth System Governance conferences, early career researchers will have the opportunity to meet for a one-day event ahead of the 2017 Lund conference. The aim is to foster exchange between scholars from different universities and to create a dedicated space for discussions on developing a career in earth system governance research. Participants will enjoy inputs from senior Earth System Governance scholars who will share insights into their career paths. Another key element of the day will be the World Café, which will allow participants to engage with the theme of “opening up science”. Discussions will be held along topics such as science communication, innovative teaching formats, or questions of access to research results.

Organisers

Jennifer Bansard, University of Potsdam

Karlijn Muiderman, Utrecht University

Lucas Rutting, Utrecht University

TEACHING WORKSHOP

Thursday, 12th October 2017

9.00 – 17.00



Innovative Methods for Teaching Earth System Governance

This workshop is designed for scholars at all career stages with some experience teaching courses on environmental governance or a similar topic who wish to incorporate innovative methods in the classroom. Participants will share their knowledge of innovative methods that they have used or heard of and actively engage with several methods, such as experiential learning, negotiation simulations, and teaching case studies.

Organisers

Michele Betsill

Annica Kornsell

ESG BECC WORKSHOP

Thursday, 12th October 2017

10.00 – 15.00

Venue: LUCSUS Library

Under the overarching theme of communicating research across academic boundaries, this workshop engages in challenges both within academia – working with transdisciplinary projects – and between academia and society – communicating results, interacting with media, and dealing with science scepticism. It is an opportunity to interact with researchers spanning both the globe and academic fields and to discuss some of the mutual challenges facing researchers today

LUNCH MEETINGS

Different task forces within the Earth System Governance Project will host lunch meetings. These are informal gatherings that will take place at reserved tables over the lunch in AF Stora Salen. Everyone is welcome to join any of the meetings.

Monday, 9th Oct 12.30 – 13.30

Open Oceans Governance Task Force Meeting

Tuesday, 10th Oct 12.30 – 13.30

Open Planetary Justice Task Force Meeting

Wednesday, 11th Oct 12.30 – 13.30

Open Earth System Law Task Force Meeting

Open Ecological Democracy Group Meeting

International Review Panel

We thank the members of our international review panel for their efforts.

Prof Kenneth W. Abbott, Arizona State University, United States of America
Dr Carolina Adler, ETH Zurich, Switzerland

Prof Christina Yumie Aoki Inoue, University of Brasilia, Brazil

Prof Walter F. Baber, California State University, Long Beach, United States of America

Prof Robert V. Bartlett, University of Vermont, United States of America

Dr Steffen Bauer, German Development Institute (DIE), Germany

Prof Frank Biermann, Utrecht University, The Netherlands

Dr Lau Øfjord Blaxekjær, University of the Faroe Islands, Faroe Islands

Dr. Ingrid Boas, Wageningen University, The Netherlands

Dr. Clara Brandi, German Development Institute (DIE), Germany

Prof Sara Brogaard, Lund University, LUCSUS, Sweden

Dr. Carolyn Peach Brown, University of Prince Edward Island, Canada

Dr. Harriet Bulkeley, Durham University, United Kingdom

Prof Sarah Burch, University of Waterloo, Canada

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Dr Rakhyun E Kim, Utrecht University, The Netherlands

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Dr Louis Lebel, Chiang Mai University, Thailand

Prof Diana Liverman, Oxford University, and University of Arizona, United States of America

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Dr. Cecilia Matasci, World Resources Forum (WRF), Switzerland

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Dr. Felix Olorunfemi, Nigerian Institute of Social and Economic Research, Nigeria

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Sébastien Duyck, University of Lapland, Switzerland

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Dr. Andrea Gerlak, University of Arizona, United States

Leandra Regina Gonçalves, University of São Paulo, Brazil

Prof Chris Gordon, University of Ghana, Ghana

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Prof Joyeeta Gupta, University of Amsterdam, and UNESCO-IHE, The Netherlands

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Prof Lennart Olsson, Lund University, Sweden

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Dr. Åsa Persson, Stockholm Environment Institute, Sweden

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Massachusetts at Amherst, United States of America

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Dr Roger Hildingsson, Lund University, Political Science, Sweden

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The Netherlands

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Prof Asim Zia, University of Vermont, United States of America