

Earth System Governance Tokyo Conference:

Complex Architectures, Multiple Agents



The Japan Foundation
Center for Global Partnership
国際交流基金日米センター



TOKYO

28-31 JANUARY 2013

Welcome!

Dear Colleagues,

We are pleased to welcome you to the Earth System Governance Tokyo Conference!

This conference maybe recorded in the history of the Earth System Governance conferences as the conference with the longest preparation time. It took us more than two years from the first announcement to welcoming you all here today.

Right after the first announcement, Japan suffered from the devastating triple disaster – the earthquake, followed by unimaginable level of Tsunami, and further followed by a terrible accident at the Fukushima Daiichi nuclear power plant. The triple disaster, both caused by nature and humans, has changed the whole situation in Japan. Soon after 3.11, we decided to defer the Tokyo Conference.

The disaster in Japan, however, made the Tokyo Conference even more relevant in order to consider why earth system governance is indispensable. Harmonizing our lives and societies with the natural system is indeed the pressing issue. The triple-disaster teaches us again, that technology is useless unless appropriate governance is in place. We also learned that the consequences of a natural disaster may even become worse when governance is weak. And the governance failure is deeply connected to power and embedded interests. In order to learn from the recent experience, we decided to bring a special conference stream on nuclear safety and disaster-related governance in the Tokyo Conference.

This stream will complement the focus of the conference on Architecture and Agency, two of the five analytical problems, also known as “5As” of the Earth System Governance project. The comprehensive policy assessment on the institutional framework for sustainable development undertaken by the Earth System Governance Project last year in the process leading up to Rio+20, showed that the existing architecture does not fit the problem structure at hand. The problems in the “Anthropocene” require reconfiguration of governance at all levels.

Implementing this, however, is not an easy task. We know that political, social and economic dynamics in the 21st century are different from those in the past. Emerging agencies exert increasing amount of influence, and also new media play an important role there. Improving complex architecture requires extensive attention to and understanding of agencies.

We also recognize the need for more interaction and understanding between different actors, in particular between the academic and research world and practitioners. In addition to inviting policy-makers and UN officials to our sessions, we try to follow the successful example of the Colorado Conference in 2011 to use the World Café format discussion to facilitate further interaction among participants in a creative manner so that we can learn from each other.

A few new elements will be implemented at this conference. The Documentary presentation is one example, which explores possibilities to utilize media to express research results. Writing sessions are another, which is an attempt to facilitate research collaboration among researchers in the network.

We are hoping that the conference will enable your fruitful discussion and for the enhancement and expansion of your networks. And, first and foremost, we hope that you will enjoy the Earth System Governance Tokyo Conference!

On behalf of all co-hosts,

Norichika KANIE
Chair, Earth System Governance Tokyo Conference



Norichika Kanie
Conference Chair

Dear participants,

Welcome to Tokyo for the 2013 open science conference of the Earth System Governance research alliance! Each year, our open science conferences bring together the earth system governance research community as well as policy makers and stakeholders to exchange the most recent findings and plan further cooperation. We are glad to share with you that after our conferences in Amsterdam (2009), Fort Collins (2011) and Lund (2012), the Tokyo Conference is the first conference of the Earth System Governance research alliance in Asia.

The Earth System Governance conferences do not just take place in different locations; they also reflect the culture of the location, the local academic landscape, and most of all, the scientific interests of the local earth system governance research community. This makes each conference a unique experience and a landmark in the continuous development of earth system governance research. While all conferences follow a similar format and use well-established practices like the rigorous double-blind peer review of abstracts, each conference also adds new elements to the conference series. At the Tokyo Conference, for example, we are excited to award the first "Oran R. Young Award" for the best paper by an early-career scholars of our community.

While plenary and semi-plenary sessions at past conferences were devoted exclusively to sharing insights from senior researchers, this year in Tokyo we will also have our first

semi-plenary session that is initiated and organized by representatives of our vibrant and rapidly expanding community of early-career researchers. The Tokyo Conference will also see the first activities of our newly established Task Force on Methodology and the launch of a new research initiative on Sustainable Development Goals.

On behalf of the Earth System Governance Project, we thank the hosts of the conference: The United Nations University Institute of Advanced Studies (UNU-IAS), the International Environmental Governance Architecture Research Group, and the Tokyo Institute of Technology—as well as all co-hosts and sponsors warmly for their generous support. And we thank all of you for joining the conference, for presenting your research, and for participating in the many interesting discussions that will lead, we hope, to new thinking and exciting collaboration in earth system governance research.

Frank Biermann

Chair, Scientific Steering Committee of the Earth System Governance Project

Ruben Zondervan

Executive Director, Earth System Governance Project



Frank Biermann

Chair, Earth System Governance Scientific Steering Committee



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About the Conference

The Earth System Governance Tokyo Conference is jointly hosted by the United Nations University Institute of Advanced Studies (UNU-IAS), the International Environmental Governance Architecture Research Group and the Tokyo Institute of Technology on behalf of the Earth System Governance Project.

The Tokyo conference is the fourth in a global conference series organized by the Earth System Governance Project and is the first conference to be held in Asia.

The conference theme is “Complex Architectures, Multiple Agents”. It refers to the multitude of agents that play a significant role in earth system governance today—ranging from traditional state actors to international organizations, civil society organizations, science networks, city coalitions, or business associations. At the same time, the overall governance architecture, from local to global levels, is becoming more complex as a consequence of ever increasing needs for governance and policy-development.

This complex architecture with multiple agents is the core research problem to be discussed at the Earth System Governance Tokyo Conference. The focus will be on the nexus between the analytical problems of agency and architecture in earth system governance, and will also consider the other analytical problems identified in the Earth System Governance Science and Implementation Plan.

The timing of the Tokyo Conference, half a year after the United Nations Conference on Sustainable Development (“Rio+20”), will make these discussions especially pertinent and timely. The conference aspires to open up new and fruitful science-policy interactions and reflections on the same in earth system governance.

Earth System Governance Project

Earth System Governance — a global research alliance, is the largest social science research network in the area of governance and global environmental change. The Earth System Governance Project takes up the challenge of exploring political solutions and novel, more effective governance mechanisms to cope with the current transitions in the biogeochemical systems of the planet. The normative context of this research is sustainable development; earth system governance is not only a question of institutional effectiveness, but also of political legitimacy and social justice.

The Earth System Governance Project advances a research strategy that is organized around five analytical problems: The problem of the overall architecture of earth system governance, of agency beyond the state and of the state, of the adaptiveness of governance mechanisms and processes and of their accountability and legitimacy, and of modes of allocation and access in earth system governance.

www.earthsystemgovernance.org

tokyo2013.earthsystemgovernance.org

Conference Themes

1. Earth System Governance Architectures in the 21st Century:

The need for reform of the global institutional architecture for environmental and sustainable development governance has been discussed for many years, yet little progress in the political realm has been made so far. While some propose, for example, the creation of a world environment organization, others argue in favour of more decentralized architectures that try to configure multiple actors effectively. We invite papers that address

various aspects of the basic design of the architecture of earth system governance. This includes papers that analyse advantages of centralized or decentralized governance architectures, multi-level governance, or governance and vision in the post-MDGs (Millennium Development Goals) era. Also important here is an investigation of the existing architecture and of the roles of various actors and actor networks in governance.

2. Climate and Energy Governance Architectures:

Discussions about the advantages and disadvantages of various governance architectures have been particularly lively and fruitful in the area of climate and energy policy. A nuclear disaster in the aftermath of the March 2011 earthquake and tsunami in Japan highlighted even more the importance of effective and accountable governance in this domain at all levels. We thus invite papers that explore options for more effective architectures of future climate and energy governance. Papers could address, for

example, effective multilevel governance architectures in the nexus between climate and energy security, or the optimal mechanisms to facilitate low carbon technology transfer, or the kind of partnerships that could combine actors of different scales and within and among different regions. Also important is how to fill the policy, implementation and financial gaps in designing the next generation of climate governance architectures.

3. The Nexus between Architecture and the other “A’s” in Earth System Governance:

One of the most important research questions in the area of earth system governance is the intersection between architecture and the other four analytical problems (the “5 A’s”) identified in the Earth System Governance Science and Implementation Plan. Hence, we invite

papers that explore these linkages and interactions. For instance, how can equity and fairness concerns (‘Allocation and Access’) be addressed in the design and implementation of environmental and development institutions? In what ways can private actors (‘Agency’) be held

accountable ('Accountability') in environmental governance architectures? What types of resource re-distribution and social conflicts are created ('Allocation and Access') by different ways of structuring efforts ('Architecture') to

enhance the resilience of social-ecological systems ('Adaptiveness')?

4. Political Dynamics in the Interface of Agency and Architecture:

How can we recognize emerging agents in earth system governance? For example, how does increasing power of the major emerging economies change the political dynamics and thereby influence the overall governance architecture? What would be

the role of regional integration? How to avoid politicization of science bodies, while ensuring political influence? We invite here papers that explore political dynamics of earth system governance in the interface of agency and architecture.

5. Methodological Challenges to Complex Architectures and Multiple Agents:

Earth system governance research requires new and emerging technology developments as well as collaboration between social sciences, natural sciences and engineering. We thus also invite papers that utilize innovative technology and methodology in analysing problems related to complexity. They may include,

for example, new approaches and findings in the application of agent-based modelling, GIS, socio-economic modelling, or more philosophical approaches and further development of the philosophy of science and the role of post-normal science approaches etc.

6. Special Conference Stream on Nuclear Safety and Post-disaster Governance:

Nuclear disaster in the aftermath of the March 2011 earthquake and tsunami in Japan posed many governance questions. How should nuclear be governed? What lessons could we learn from the evacuation process? What is the role of science in the face of emergency? What are the causal relationships between energy

governance in Japan, which are centred on strong energy companies, and the effectiveness of the response to the nuclear disaster that began in March 2011? There will be a special conference stream devoted for the issues highlighting nuclear and disaster.

Tokyo Conference International Steering Committee

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International Review Panel

The Conference Organizers would like to thank everyone who joined the International Review Panel and for their efforts in grading the submitted abstracts

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Programme Overview

**Parallel session information is available page 48*

Monday 28 January 2013

17:00-19:30	Registration – UNU HQ 2 nd Floor Registration Area
17:30-19:30	Opening Reception – UNU HQ 2 nd Floor Reception Hall <i>Invited Speaker: Akio Takemoto, Director, Secretariat of the Asia-Pacific Network for Global Change Research (APN)</i>

Tuesday 29 January 2013

8:30-18:00	Registration	
9:00-10:30	<p style="text-align: center;">Opening Plenary</p> <p style="text-align: center;">UNU HQ UThant International Conference Hall 3rd Floor</p> <p style="text-align: center;">Chair: Prof. Michele Betsill, Colorado State University</p> <p>Keynote Speech: Dr. Ryutaro Yatsu, Vice-Minister for Global Environmental Affairs, Ministry of the Environment Japan</p> <p>Prof. Govindan Parayil, Vice-Rector of United Nations University, and Director of United Nations University Institute of Advanced Studies</p> <p>Prof. Frank Biermann, Chair of the Earth System Governance Project; VU University Amsterdam, and Lund University</p> <p>Prof. Yukio Himiyama, Hokkaido University of Education, Head of International Human Dimensions Programme on Global Environmental Change (IHDP) Japan Committee</p> <p>Prof. Norichika Kanie, Chair of the Earth System Governance Tokyo Conference; Tokyo Institute of Technology, and United Nations University Institute of Advanced Studies (UNU-IAS)</p> <p>Dr. Otkur Ghojash, PEAR Carbon Offset Initiative, Ltd.</p>	
10:30-11:00	Coffee Break	
11:00-12:30	<p style="text-align: center;"><i>Semi-plenary I</i> Post MDGs/SDGs</p> <p style="text-align: center;">UNU HQ UThant International Conference Hall 3rd Floor</p> <p style="text-align: center;">Chair: Norichika Kanie, Tokyo Institute of Technology and United Nations University Institute of Advanced Studies</p> <p style="text-align: center;">Måns Nilsson, Stockholm Environment</p>	<p style="text-align: center;"><i>Semi-plenary II</i> Governance for Low Carbon Societies in the Asian Context</p> <p style="text-align: center;">UNU HQ Rose Hall 5th Floor</p> <p style="text-align: center;">Chair: Yasuko Kameyama, National Institute for Environmental Studies (NIES)</p> <p style="text-align: center;">Yasuko Kameyama, National Institute for Environmental Studies (NIES)</p>

	<p><i>Institute (SEI)</i></p> <p>Laurence Tubiana, Institute for Sustainable Development and International Relations (IDDRI)</p> <p>Jeffrey Sachs, The Earth Institute at Columbia University (by video)</p> <p>Victor Galaz, Stockholm Resilience Centre</p> <p>Pam Chasek, International Institute for Sustainable Development</p>	<p>Makoto Usami, Tokyo Institute of Technology</p> <p>Liana Bratasida, Ministry of Environment, Republic of Indonesia</p> <p>Manu V. Mathai, United Nations University Institute of Advanced Studies</p> <p>Michiko Iizuka, United Nations University, Maastricht Economic and Social Research Institute on Innovation and Technology</p>
12:30-14:00	<p>Lunch</p> <p>"ESG-101" session - 12th Floor Meeting Room</p>	
14:00-15:30	Session I - Fragmented Governance 1 - UThant (3F)	
	Session II - Environmental Governance in Regional Context - Meeting Room (3F)	
	Session III - Adaptation 1 - Media Centre	
	Session IV - Soft and Hard Law - Committee Room 1 (5F)	
	Session V - Private Sector 2 - Multi-Purpose Room (3F)	
	Session VI - NGOs - Committee Room 3 (5F)	
	Session VII - Water Governance 1 - Staff Room (5F)	
	Session VIII - Biodiversity 1 - Women's Plaza 1A	
	Session IX - Forest Governance 1 - Rose Hall (5F)	
	Session X - Market & Trade - 12th Floor Meeting Room	
15:30-16:00	Coffee Break	
16:00-17:30	Session I - Fragmented Governance 2 - UThant (3F)	
	Post-MDGs/SDGs World Café - Rose Hall (5F)	
	Session II - Climate Adaptation 1 - Media Centre	
	Session III - Private Sector 3 - Committee Room 1 (5F)	
	Session IV - Energy Governance Architecture - Multi-Purpose Room (3F)	
	Session V - Transnational Environmental Governance - Committee Room 3 (5F)	
	Session VI - Climate and Energy - 12th Floor Meeting Room	
Session VII - Climate Architecture: Norms and Discourses - Meeting Room (3F)		

	<i>Session VIII - Global Climate Governance 1 – Staff Room (5F)</i>
	<i>Session IX - Natural Resources – 12th Floor Back Room</i>
17:30-18:00	<i>Coffee Break</i>
18:00-19:30	<i>Session I - Earth System Governance in 21st Century 1 - Committee Room (3F)</i>
	<i>Session II - Earth System Governance in 21st Century 6 – UThant (3F)</i>
	<i>Session III - Climate Adaptation 2 - Media Centre</i>
	<i>Session IV - Environmental Governance 1 - Committee Room 1 (5F)</i>
	<i>Session V - Carbon Markets - Multi-Purpose Room (3F)</i>
	<i>Session VI - Energy Governance in Asia - Women’s Plaza 2A (2F)</i>
	<i>Session VII - Water Governance 2 - Women’s Plaza 2B (2F)</i>
	<i>Session VIII - Ocean Governance 1 - 12th Floor Meeting Room</i>
	<i>Session IX - Policy Diffusion – Women’s Plaza Audio Visual A (1F)</i>
	<i>Session X - Global Climate Governance 2 - Rose Hall (5F)</i>
19:30-21:30	<i>Tokyo Excursion – Meeting Place UNU HQ Front Lobby</i>

Wednesday 30 January 2013

9:30-18:00	<i>Registration</i>	
8:15-8:45	<p align="center"><i>Special Morning Session</i></p> <p align="center"><i>Environmental Governance Issues for Energy Policy in Japan after Fukushima</i></p> <p align="center"><i>UNU HQ UThant International Conference Hall 3rd Floor</i></p> <p align="center"><i>Kazuhiro Ueta, Kyoto University</i></p> <p align="center"><i>Chair: Ruben Zondervan, Earth System Governance Project</i></p>	
9:00-10:30	<p align="center"><i>Semi-plenary III</i></p> <p align="center"><i>Post Rio + 20 Roundtable: Achievements and challenges</i></p> <p align="center"><i>UNU HQ Rose Hall 5th Floor</i></p> <p align="center"><i>Chair: Steinar Andresen, Brookings Institution</i></p> <p align="center"><i>Frank Biermann, VU University</i></p>	<p align="center"><i>Semi-plenary IV</i></p> <p align="center"><i>Multi-level Governance</i></p> <p align="center"><i>UNU HQ UThant International Conference Hall 3rd Floor</i></p> <p align="center"><i>Chair: Laurence Tubiana, Institut du Développement Durable et des Relations Internationales (IDDRI)</i></p>

	<p>Amsterdam</p> <p>Peter Haas, University of Massachusetts Amherst</p> <p>Oran Young, University of California, Santa Barbara</p> <p>Maria Ivanova, University of Massachusetts Boston</p> <p>Steven Bernstein, University of Toronto</p>	<p>François Lerin, Centre International de Hautes Etudes Agronomiques Méditerranéennes – Institut Agronomique Méditerranéen de Montpellier (Ciheam-IamM)</p> <p>James Rising, Columbia University</p> <p>Navroz K Dubash, Centre for Policy Research, New Delhi</p> <p>Louis Lebel, Chiang Mai University, Thailand</p>
10:30-11:00	Coffee Break	
11:00-12:30	Session I - Earth System Governance in 21st Century 2 – UThant (3F)	
	Session II - Network Governance - Meeting Room (3F)	
	Session III - Adaptation: Resilience - Media Centre	
	Session IV - Climate Governance 1 - Committee Room 1 (5F)	
	Session V - Energy Governance - Policy - Multi-Purpose Room (3F)	
	Session VI - Water Governance 3 - Committee Room 3 (5F)	
	Writing Session I – Women’s Plaza 1B (2F)	
12:30-14:00	Lunch	
14:00-15:30	<p><i>Semi-plenary III</i></p> <p>Earth System Governance Methodology Task Force – Governance in “Shared Socioeconomic Pathways”</p> <p>UNU HQ UThant International Conference Hall 3rd Floor</p> <p>Chair: Arthur Petersen, VU University Amsterdam and PBL Environmental Assessment Agency</p> <p>Tom Kram, PBL Netherlands Environmental Assessment Agency</p> <p>Marc Levy, Center for International Earth Science Information Network, Columbia University</p> <p>And two discussants from among the participants of the pre-workshop on this topic</p>	<p><i>Semi-plenary IV</i></p> <p>Global oceans governance: the science-policy interface</p> <p>UNU HQ Rose Hall 5th Floor</p> <p>Chair: Oran Young, University of California, Santa Barbara</p> <p>Robin Mahon, University of the West Indies</p>
15:30-16:00	Coffee Break	

16:00-17:30	Documentary Showing - Rose Hall (5F)
	Session I - Earth System Governance in 21st Century 3 - Media Centre
	Writing Session II - Women's Plaza 1B (2F)
	Session II - Environmental Aid, Financing 2 - Committee Room 1 (5F)
	Session III - Methodology - Multi-Purpose Room (3F)
	Session IV - Biodiversity 2 - Committee Room 3 (5F)
	Session V - Food Governance - Staff Room (5F)
	Session VI - Ocean Governance 2 - Meeting Room (3F)
17:30-18:00	Coffee Break
18:00-19:30	Session I - Earth System Governance in 21st century 4 - Staff Room (5F)
	Session II - Environmental Aid, Financing 1 - Committee Room 1 (5F)
	Session III - Climate Governance 2 - Multi-Purpose Room (3F)
	Session IV - Forest Governance 2 - Committee Room 3 (5F)
	Session V - Biodiversity 3 - Media Centre
	Session VI - Climate Governance 3 - Meeting Room (3F)
18:00-19:30	Documentary Showing UNU HQ Rose Hall (5F) - Open to Public -

Thursday 31 January 2013

9:30-17:30	Registration
9:00-10:30	<p>Plenary</p> <p>Nuclear Safety and Post-disaster Governance</p> <p>UThant Conference Hall 3rd Floor</p> <p>Chair: Norichika Kanie, Tokyo Institute of Technology and United Nations University Institute of Advanced Studies</p> <p>Keynote Speech: Kiyoshi Kurokawa, Academic Fellow, National Graduate Institute for Policy Studies, former Chairman, The National Diet of Japan Fukushima Nuclear Accident Independent Investigation</p> <p>Shunji Matsuoka, Graduate School of Asia-Pacific Studies, Waseda University</p> <p>Noriyuki Ueda, Centre for Liberal Arts and the Graduate School of Decision Science and</p>

	<p><i>Technology, Tokyo Institute of Technology</i></p> <p>Laurence Tubiana, Institute for Sustainable Development and International Relations (IDDRI)</p> <p>Sybille van den Hove, Median S.C.P</p>	
10:30-11:00	Coffee Break	
11:00-12:30	Session I - Nuclear Governance 1 - U Thant (3F)	
	Session II - Nuclear Governance 2 - Rose Hall (5F)	
	Session III - Earth System Governance in 21st Century 5 - Women's Plaza Audio Visual Room C (1F)	
	Session IV - Private Sector 1 - Committee Room 1 (5F)	
	Session V - Adaptation 2 - Multi-Purpose Room (3F)	
	Session VI - Forest Governance 3 - 12th Floor Meeting Room	
	Session VII - Improving Global Environmental Governance- Committee Room 3 (5F)	
	Session VIII - Environmental Management 1 - Women's Plaza Audio Visual Room A (1F)	
	Session IX - Environmental Management 2 - Women's Plaza Audio Visual Room B (1F)	
	Session X - Environmental Governance 2 - Meeting Room (3F)	
12:30-14:00	Lunch	
14:00-15:30	<p><i>Semi-plenary V</i></p> <p>The Institutional Fragmentation of Global Environmental Governance: the rationale for an extended research program</p> <p>UNU HQ Rose Hall 5th Floor</p> <p>Chair: Harro van Asselt, Stockholm Environment Institute</p> <p>Oran Young, University of California, Santa Barbara</p> <p>Fariborz Zelli, Lund University, Sweden - Theorizing Institutional Complexity and Fragmentation</p> <p>Sylvia I. Karlsson-Vinkhuyzen – Leiden University, Netherlands</p> <p>Jeffrey McGee – University of Newcastle, Australia - Power and Legitimacy Dynamics in the Fragmentation of Global</p>	<p><i>Semi-plenary VI</i></p> <p>Goal Setting and Implementation for the Post 2015 Development Agenda: Asian Perspectives on linking sustainable development and the Post MDGs</p> <p>UNU HQ UThant International Conference Hall 3rd Floor</p> <p>Chair: Surenda Shrestha – Former Director and Focal Point for Sustainable Development Goals (SDGs) at Rio+20 Secretariat</p> <p>Masayuki Karasawa – Executive Advisor to the Director General, Head, Office for Global Issues and Development Partnership, Operations Strategy Department, Japan International Cooperation Agency (JICA) (TBC)</p> <p>ADB – (TBD)</p>

	<p><i>Climate Governance</i></p> <p>Sebastian Oberthür - Vrije Universiteit Brussels - Managing Institutional Complexity and Fragmentation</p>	<p>Yanuar Nugroho – Director, President’s Delivery Unit for Development Monitoring and Oversight, Indonesia (TBC)</p> <p>George Varughese – President, Development Alternatives (TBC)</p> <p>IGES – (TBD)</p>
15:30-15:45	Coffee Break	
15:45-17:15	<p style="text-align: center;">Closing Plenary UNU HQ UThant 3rd Floor</p> <p style="text-align: center;">Chair: <i>Heike Schroeder, University of East Anglia</i></p> <p>Mr. Yvo de Boer – Special Global Advisor, Climate Change and Sustainability and global ambassador at KPMG, former Executive Secretary of the United Nations Framework Convention on Climate Change (UNFCCC)</p> <p>Dr. Yasuko Kameyama – Head of the Center for Social and Environmental Systems Research (Sustainable Social Systems Section), National Institute for Environmental Studies</p> <p>Prof. Junichi Iijima – Dean of the Graduate School of Decision Science and Technology</p> <p>Prof. Frank Biermann Chair of the Earth System Governance Project; VU University Amsterdam and Lund University</p> <p>Prof. Norichika Kanie - Chair of the Earth System Governance Tokyo Conference; Tokyo Institute of Technology, and United Nations University Institute of Advanced Studies (UNU-IAS)</p>	
17:30-20:00	<p style="text-align: center;">Conference Dinner</p> <p style="text-align: center;">17:30 Walking from UNU HQ to Iki-ba 18:00 Dinner Served</p>	

Programme – Monday 28 January 2013

17:00 – 19:30

UNU HQ 2nd Floor Registration Area

Registration

All payments, reimbursements and distribution of funds will be handled in GEOC

17:30 – 19:30

UNU HQ 2nd Floor Reception Hall

Opening Reception

Refreshments and light snacks will be served

Invited Speaker

Akio Takemoto, Director, Secretariat of Asia-Pacific Network for Global Change Research (APN)

Special performance

Rina Kojima will perform on the Koto, the Japanese Harp.



United Nations University Headquarters Building



Programme – Tuesday 29 January 2013

08:30 – 18:00

GEOC

Registration

All payments, reimbursements and distribution of funds will be handled in GEOC

09:00 – 10:30

UNU HQ UThant International Conference Hall 3rd Floor

Opening Plenary

Chair: Michele Betsill, Colorado State University

Words of Welcome

Prof. Norichika Kanie

Chair of the Earth System Governance Tokyo Conference; Tokyo Institute of Technology, and United Nations University Institute of Advanced Studies (UNU-IAS)

Prof. Frank Biermann

Chair of the Earth System Governance Scientific Steering Committee; VU University Amsterdam, and Lund University.

Prof. Govindan Parayil – (TBC)

Vice-Rector of United Nations University, and Director of United Nations University Institute of Advanced Studies

Prof. Yukio Himiyama - *Hokkaido University of Education, Head of International Human Dimensions Programme on Global Environmental Change (IHDP) Japan Committee*

Dr. Otkur Ghojash - *PEAR Carbon Offset Initiative, Ltd.*

Keynote Speech

Dr. Ryutaro Yatsu

Vice-Minister for Global Environmental Affairs, Ministry of the Environment Japan

Oran R. Young Prize

Dr. Heike Schroeder, *Secretary of the Prize Committee, University of East Anglia*

10:30 – 11:00

UNU HQ Reception Hall 2nd Floor

Coffee Break

11:00 – 12:30

UNU HQ UThant International Conference Hall 3rd Floor

Semi-Plenary I

Post 2015 Global Development Goals

Chair: Norichika Kanie, Tokyo Institute of Technology and United Nations University Institute of Advanced Studies

Måns Nilsson

Stockholm Environment Institute (SEI)

Laurence Tubiana

Institute for Sustainable Development and International Relations (IDDRI)

Jeffrey Sachs *(by video)*

The Earth Institute at Columbia University

Victor Galaz

Stockholm Resilience Centre

Pam Chasek

International Institute for Sustainable Development (IISD)

The objective of this semi-plenary is to create an opportunity for discussion and dialogue about the current Post-MDG/SDG debate and about the process to consolidate the two in the context of the post-2015 development agenda.

Participants are invited to discuss their perspectives on Post-MDG/SDG and related research needs. As a member of the Post-MDGs/SDGs semi-plenary we would ask you to share your expertise on the following outline of questions to be discussed:

- What lessons can we learn from the experience of MDGs?
- What is the current state of discussion?
- What should be the architecture for SDGs and its governance?
- What are the key driving forces?
- What should be the process to establish post-2015 development agenda?
- Are there any cases on good practices?
- Suggestions for further studies and areas of Post-MDGs that require further development

11:00 – 12:30

UNU HQ Rose Hall 5th Floor

Semi-Plenary II

Governance for Low Carbon Societies in the Asian Context

Chair: Yasuko Kameyama, National Institute for Environmental Studies (NIES)

Makoto Usami

Tokyo Institute of Technology

Liana Bratasida

Ministry of Environment, Republic of Indonesia

Manu V. Mathai

United Nations University Institute of Advanced Studies

Michiko Iizuka

United Nations University, Maastricht Economic and Social Research Institute on Innovation and Technology

It is internationally recognized that countries in Asia, such as China, India and others, will continue to shape the global climate debates, negotiation process and governance framework. In this context there is a crucial argument raised by the Asian countries that they are already low carbon societies in terms of GHG emission volumes per capita that are smaller than those of the OECD economies. The challenge, therefore, from this perspective, is how to enable hundreds of millions of people to live with greater well-being and dignity, while maintaining sustainable and equitable carbon footprints. This reality reframes the challenge that low carbon governance in Asia faces.

A series of governance mechanisms (e.g. CDM or REDD+) have been designed and partially implemented. However, they prioritize emission reductions driven mainly by the economic efficiency logic. Crucially, they do not deeply engage notions of equality, human well-being and dignity, nor place them front and center in the international climate governance framework. This panel addresses a conceptual framework for supporting emergence of governance, taking these values into account. This panel also deals with transition management for the emergence of the low carbon governance, with emphasis on human well-being and capabilities, aspects of discourse, power and process.

12:30 – 14:00

UNU HQ Reception Hall 2nd Floor

Lunch

12:30 – 14:00

12th Floor Meeting Room

Lunch Session

“Earth System Governance 101”

Presenter: Ruben Zondervan, Earth System Governance Project

This session will introduce the Earth System Governance Project. It will outline the history of the project and its position in the global environmental change research landscape, and provide an introduction to the research strategy that is organized around five analytical problems and around four crosscutting themes. The session will also explain the global dynamic network of researchers and research institutions that shape the global research alliance on earth system governance, and report on the various research activities, publications, teaching and events by the Project. The session will be particularly relevant for conference participants who have not yet been involved in earth system governance. But as there will be plenty of time for questions and discussion, the session also offers an opportunity for those familiar with the Project to learn about new developments and ask questions.

14:00 – 15:30

Parallel Panel Sessions 1

Find session details on page 48.

Session 1

Fragmented Governance 1

U Thant (3F)

Session 2

Environmental Governance in Regional Context

Meeting Room (3F)

Session 3

Adaptation 1

Media Centre

Session 4

Soft and Hard Law

Committee Room 1 (5F)

Session 5

Private Sector 2

Multi-Purpose Room (3F)

Session 6

NGOs

Committee Room 3 (5F)

Session 7

Water Governance 1

Staff Room (5F)

Session 8

Biodiversity 1

Women's Plaza 1A (2F)

Session 9

Forest Governance 1

Rose Hall (5F)

Session 10

Market & Trade

12th Floor Meeting Room

15:30 – 16:00

UNU HQ Reception Hall 2nd Floor

Coffee Break

16:00 – 17:30

Parallel Panel Sessions 2

Find session details on page 55.

Session 1

Fragmented Governance 2

U Thant (3F)

Workshop

Post-MDGs/SDGs World Café

Rose Hall (5F)

Session 2

Climate Adaptation 1

Media Centre

Session 3

Private Sector 3

Committee Room 1 (5F)

Session 4

Energy Governance Architecture

Multi-Purpose Room (3F)

Session 5

Transnational Environmental Governance

Committee Room 3 (5F)

Session 6

Climate and Energy

12th Floor Meeting Room

Session 7

Climate Architecture: Norms and Discourses

Meeting Room (3F)

Session 8

Global Climate Governance 1

Staff Room (5F)

Session 9

Natural Resources

12th Floor Back Room

17:30 – 18:00

UNU HQ Reception Hall 2nd Floor

Coffee Break

18:00 – 19:30

Parallel Panel Sessions 3

Find session details on page 61

Session 1

Earth System Governance in 21st Century 1

Committee Room 3 (5F)

Session 2

Earth System Governance in 21st Century 6

U Thant (3F)

Session 3

Climate Adaptation 2

Media Centre

Session 4

Environmental Governance 1

Committee Room 1 (5F)

Session 5

Carbon Markets

Multi-Purpose Room (3F)

Session 6

Energy Governance in Asia

Women's Plaza 2A (2F)

Session 7

Water Governance 2

Women's Plaza 2B (2F)

Session 8

Ocean Governance 1

12th Floor Meeting Room

Session 9

Policy Diffusion

Women's Plaza Audio Visual A (1F)

Session 10

Global Climate Governance 2

Rose Hall (5F)

19:30– 21:30

Meeting Point: UNU HQ Front Lobby

Excursion

Tokyo Tour

Guides: Paula Fernández-Wulff Barreiro and Rina Kojima

After an exciting and surely worthwhile day of interesting discussions and hard work, we will reward ourselves with a short walking tour around the area of Omotesando, a neighbourhood filled with buildings by great modern architects.

There are so many great buildings in this area that it's difficult to cover them all in a single stroll, but we will do our best to take you to some built by the most internationally renowned modern architects in Japan. Some of the buildings we'll cover during our visit are: The Audi Forum, Tokyu Plaza, Gyre, and Nezo museum. Apart from those listed, the area and its side streets are packed with interesting buildings by other famous architects. Tadao Ando, Zaha Hadid, Fumihiko Maki and Kenzo Tange (all Pritzker Prize winners) to name a few.

After this we will head to an izakaya, a typical Japanese bar, where we will enjoy delicious Japanese food with vegetarian options too. The estimated cost for the dinner is around ¥900 (approximately 10 USD).

We will also recommend you to other areas to visit in Tokyo and inform you of how to get around during your stay. Our helpful volunteers will be more than glad to point you in the right direction!

Programme – Wednesday 30 January 2013

09:30 – 18:00

GEOC

Registration

08:15 – 08:45

UNU HQ UThant International Conference Hall 3rd Floor

Special Morning Lecture

Environmental Governance Issues for Energy Policy in Japan after Fukushima

Kazuhiro Ueta

Kyoto University

Chair: Ruben Zondervan, Earth System Governance Project, and Lund University

09:00 – 10:30

UNU HQ Rose Hall 5th Floor

Semi-Plenary III

Post Rio + 20 Roundtable: Achievements and challenges

Chair: Steinar Andresen, Brookings Institution and Fridtjof Nansen Institute

Steven Bernstein

University of Toronto

Frank Biermann

VU University Amsterdam; and Lund University

Peter Haas

University of Massachusetts Amherst

Maria Ivanova

University of Massachusetts Boston

Oran Young

University of California, Santa Barbara

The Rio+ 20 Conference is history and it is time to take stock over what was achieved, what explains the outcome and the way forward.

Some argue that the time for these conferences is over, primarily because the main function of these Conferences is *agenda setting*, successfully achieved in both Stockholm 72 and Rio 92, but not in Johannesburg and Rio + 20, not the least due to the already existing dense international institutional framework. Others claim that this type of conferences may still be valuable as it offers an opportunity to evaluate and discuss the broader sustainable agenda at a high political level and there may still be room for innovation, demonstrated at Rio + 20.

Looking forward, should these conferences continue in its present form, if so, what can be expected in terms of outcome and institutional and sustainability achievements? Or can more be achieved through a narrower and more strategic approach with a more limited number of participants? The underlying question is the room for – and significance of – institutional design facing a lack of political will by key actors to deal effectively with sustainability challenges.

09:00 – 10:30

UNU HQ UThant International Conference Hall 3rd Floor

Semi-Plenary IV

Multi-level Governance

Chair: Laurence Tubiana, Institut du Développement Durable et des Relations Internationales (IDDRI)

François Lerin

Centre International de Hautes Etudes Agronomiques Méditerranéennes – Institut Agronomique Méditerranéen de Montpellier (Ciheam-IamM)

James Rising

School of International and Public Affairs, Columbia University

Navroz K Dubash

Centre for Policy Research

Louis Lebel

Unit for Social and Environmental Research, Chiang Mai University, Thailand

The problem of scale has become in the last ten years one of the top-listed issues on the international global environmental agenda. Mainly because the question of scale is linked, presumably, to three aspects:

- First, to the nature of the substantial question defining the environmental problem as a problem that must be addressed from the global to the local level
- Next, to procedural aspects of how the question is addressed, notably in finding practical solutions to the challenges posed by environmental change and its human origin and thus to collective action at all levels
- Finally, for the reasons mentioned above, the question of scale has posed and continues to pose a certain number of analytical, epistemological and methodological problems in social and natural sciences (economics included)

Scale is, in that sense, both an analytical and practical question, both a method and a problem. Incapacity to tackle correctly the scale issue is one of the major reasons of the limited implementation and difficulties of negotiation in the various multilateral environmental agreements.

The aims of this roundtable are to, following a state of the art on the various analytical frameworks, have a discussion on representative case studies.

10:30 – 11:00

UNU HQ Reception Hall 2nd Floor

Coffee Break

11:00 – 12:30

Parallel Panel Sessions 4

Find session details on page 67.

Session 1

Earth System Governance in 21st Century 2

U Thant (3F)

Session 2

Network Governance

Meeting Room (3F)

Session 3

Adaptation: Resilience

Media Centre

Session 4

Climate Governance 1

Committee Room 1 (5F)

Session 5

Energy Governance Policy

Multi-Purpose Room (3F)

Session 6

Water Governance 3

Committee Room 3 (5F)

Session 7

Writing Session 1*

Women's Plaza 1B (2F)

12:30 – 14:00

UNU HQ Reception Hall 2nd Floor

Lunch

14:00 – 15:30

UNU HQ UThant International Conference Hall 3rd Floor

Semi-Plenary V

Earth System Governance Methodology Task Force – Governance in "Shared Socioeconomic Pathways"

Chair: Arthur Petersen, VU University Amsterdam and PBL Netherlands Environmental Assessment Agency

Tom Kram

PBL Netherlands Environmental Assessment Agency

Marc Levy

Center for International Earth Science Information Network, Columbia University

Plus two discussants from among the participants of the pre-workshop on this topic

The purpose of this semi-plenary is to bring together the integrated assessment scenario community and their work on the Shared Socio-economic Pathways (the next generation scenarios for analyzing climate change, adaptation and mitigation) and the Earth System Governance community, to further explore possibilities for improved scenario analysis and joint research.

The SSP process is basically an effort by the “scientific community” to develop the next generation of global socio-economic scenarios, to be used in both emission mitigation analyses and for impacts, adaptation and vulnerability studies. As such, they can be seen as a successor for the IPCC-SRES scenario’s, but more focused on supporting response strategies to climate change besides providing reference emissions pathways.

Possible outcomes include the following:

- Commonly shared statements about the possible future evolution of global governance in the different SSP narratives
- Preliminary set of governance indicators that would be relevant to include in SSPs
- Plans for future collaboration

14:00 – 15:30

UNU HQ Rose Hall 5th Floor

Semi-Plenary VI

Global oceans governance: the science-policy interface

Chair: Oran R. Young, University of California, Santa Barbara

Robin Mahon

University of the West Indies

This semi-plenary roundtable will explore opportunities for integrating the many spheres of activity aimed at improving governance of the world's oceans, joining together the social sciences and the natural sciences in pursuit of this goal, and strengthening the links between science and policy to realize the benefits of the co-production of knowledge in addressing urgent problems affecting the oceans. The emphasis that emerged from the Rio+20 process regarding the critical roles that marine goods and services play in enhancing human well-being and in sustaining the biosphere is heartening and hopefully has created an environment in which ocean governance can be more readily pursued. The spheres of activity referred to above include those that produce or have the potential to produce ocean governance information, need to use this information, or show an interest in supporting ocean governance research and implementation.

The relevant spheres of activity are too numerous to list, but the following are some key examples. The Earth Systems Governance (ESG) Project represents a substantial body of governance researchers and advisors. Ocean governance is among the many areas in which ESG partners are active, but it has received less attention than other areas. There is considerable potential among the ESG partners to engage in an initiative that aims to increase emphasis on ocean governance. The Resilience Alliance is another sphere of activity focusing on natural resource governance whose members engage with ocean governance problems but do not have a specific oceans focus. The Global Environment Facility International Waters Program (GEF-IW) emphasizes all transboundary water systems, including Large Marine Ecosystems and Open Oceans (OOs) or Areas Beyond National Jurisdiction, which together cover the world's oceans. The GEF-IW program has many projects in LMEs that would benefit from governance research and advice. This program is also about to conduct a Transboundary Waters Assessment Programme (TWAP), a global assessment of LMEs and OOs, including governance. The Future Ocean Alliance (FOA) is a nongovernmental association whose mission is to join together people from the policy community interested in developing innovative responses to increasingly urgent issues of ocean governance with people from the science community prepared to engage in the co-production of knowledge. There is also the Global Partnership for Oceans (GPO), launched at Rio+20 as an alliance of governments, international organizations, civil society groups, and private sector interests committed to addressing the threats to the health, productivity and resilience of the world's oceans. These and other related spheres of activity appear to have common goals and would benefit from closer ties and collaboration.

The aim of this session will be to consider how best to integrate the work of the ESG Project and its partners into this global mix of activities so as to make the greatest contribution to global ocean governance. The session will seek to elaborate an oceans strategy for the ESG and to develop a plan for the first year of funding and implementation of the strategy.

15:30 – 16:00

UNU HQ Reception Hall 2nd Floor

Coffee Break

16:00 – 17:30

Parallel Panel Sessions 5

Find session details on page 72.

Session 1

Documentary Showing*

Rose Hall (5F)

Session 2

Earth System Governance in 21st Century 3

Media Centre

Session 3

Writing Session 2

Women's Plaza 1B (2F)

Session 4

Environmental Aid, Financing 2

Committee Room 1 (5F)

Session 5

Methodology

Multi-Purpose Room (3F)

Session 6

Biodiversity 2

Committee Room 3 (5F)

Session 7

Food Governance

Staff Room (5F)

Session 8

Ocean Governance 2

Meeting Room (3F)

* Film: ***Surviving Progress***

A film by Mathieu Roy & Harold Crooks

Surviving Progress presents the story of human advancement as awe-inspiring and double-edged. It reveals the grave risk of running the 21st century's software — our know-how — on the ancient hardware of our primate brain, which hasn't been upgraded in 50,000 years. With rich imagery and immersive soundtrack, filmmakers Mathieu Roy and Harold Crooks launch us on journey to contemplate our evolution from cave-dwellers to space explorers.

A segment of the film *Surviving Progress* by Mathieu Roy and Harold Crooks will be screened. Anne McDonald of Sophia University will facilitate the discussion with co-director Harold Crooks and Luis Patron of UNU Media Center. Find Documentary Project details on page 38.

17:30 – 18:00

UNU HQ Reception Hall 2nd Floor

Coffee Break

18:00 – 19:30

Parallel Panel Sessions 6

Find session details on page 77.

Session 1

Earth System Governance in 21st Century 4

Staff Room (5F)

Session 2

Environmental Aid, Financing 1

Committee Room 1 (5F)

Session 3

Climate Governance 2

Multi-Purpose Room (3F)

Session 4

Forest Governance 2

Committee Room 3 (5F)

Session 5

Biodiversity 3

Media Centre

Session 6

Climate Governance 3

Meeting Room (3F)

18:00-19:30

UNU HQ Rose Hall 5th Floor

Documentary Project

This is the first time for an Earth System Governance Conference to host a documentary project. The purpose of the documentary project is to provide an additional method of information dissemination and idea sharing at Earth System Governance Conferences.

- This session is open to the public -

Films:

Rokkashomura Rhapsody

A film by Hitomi Kamanaka

Rokkashomura Rhapsody explores the community response towards the Plutonium Plant in Northern Japan (2006). Kamanaka travels to the small town of Rokkasho in Aomori prefecture where a nuclear reprocessing plant is being built. She arrives just as the plant is nearing completion after 10 years of construction and interviews both those who are for and against it. The film shows how the villagers are weighing the pros, like the economic benefits of increased employment opportunities provided by the plant, against the potential cons of environmental and health hazards of radiation leakage.

From Ashes to Honey

A film by Hitomi Kamanaka

The film begins in the small island community of Iwaishima in Yamaguchi Prefecture where the local people have been blocking the construction of the Kaminoseki Nuclear Power Plant for nearly 30 years (though in 2008 the power company won a first approval that allowed it to only a few months ago begin an initial development stage). She then travels to Sweden, a country that has been trying to phase out its dependence on nuclear energy since 1980. By showing clear examples of how both politicians and individuals in Sweden are striving to lessen their dependence on fossil fuels and instead live off of alternative energy — solar, wind, biomass — Kamanaka hopes to inspire communities in Japan to start small and work towards taking control of their own energy production.

Segments of the films *Rokkashomura Rhapsody* and *From Ashes to Honey* by Hitomi Kamanaka will be screened. Chair Anne McDonald of Sophia University will facilitate the discussion with co-director Harold Crooks and Luis Patron of UNU Media Center.

Programme – Thursday 31 January 2013

09:30 17:30

GEOC

Registration

09:00 – 10:30

UNU HQ UThant International Conference Hall 3rd Floor

Plenary

Nuclear Safety and Post-disaster Governance

Chair: Norichika Kanie, Tokyo Institute of Technology and United Nations University Institute of Advanced Studies

Keynote speech

Kiyoshi Kurokawa

*Academic Fellow, National Graduate Institute for Policy Studies, former Chairman,
The National Diet of Japan Fukushima Nuclear Accident Independent Investigation*

Panel Discussion

***Shunji Matsuoka - Fukushima and Institutional Development of Nuclear
Safety Regulation in Asia***

Graduate School of Asia-Pacific Studies, Waseda University

Noriyuki Ueda

*Centre for Liberal Arts and the Graduate School of Decision Science and Technology,
Tokyo Institute of Technology*

Laurence Tubiana

Institute for Sustainable Development and International Relations (IDDRI)

Sybille van den Hove

Median S.C.P

Nuclear disaster in the aftermath of the March 2011 earthquake and tsunami in Japan posed many governance questions. How should nuclear be governed? What lessons could we learn from the evacuation process? What is the role of science in the face of emergency? What are the causal relationships between energy governance in Japan, which are centred on strong energy companies, and the effectiveness of the response to the nuclear disaster

that began in March 2011? There will be a special conference stream devoted for the issues highlighting nuclear and disaster.

Writing Sessions

The purpose of the writing workshop is to bring together scholars of different backgrounds to discuss academic writing on Earth System Governance and to collaborate on writing projects. The writing sessions will provide an opportunity to network with other researchers and to receive feedback on a current writing project.

The format of the Workshop will follow this structure:

- Introduction of participants and your area of focus – 10 minutes
- World Café discussion process and group discussion – 50 minutes
- Exchange and feedback of individual writing projects – 30 minutes

The World Café process is based upon small group conversations about the same topic happening simultaneously in order to encourage creativity, exchange ideas, and build relationships with other participants. Each small table will be discussing the same question, then after 10 minutes participants will move to new tables to discuss the next question with different people. We will end with a large group discussion. To help you prepare for the Workshop we have provided the discussion questions below for you to review.

World Café Questions:

- "What are the key areas we should focus on in academic writing on Earth System Governance?"
- "Where are the gaps/ what is important and currently missing in academic writing Earth System Governance?"
- "How can we better focus on these key areas/fill these gaps?"

In order for participants to get the greatest benefit from this Writing Workshop, we kindly request that you bring with you a writing project you are currently working on and would like feedback on.

UNU HQ Rose Hall 5th Floor

Documentary Project

This is the first time for an Earth System Governance Conference to host a documentary project. The purpose of the documentary project is to provide an additional method of information dissemination and idea sharing at Earth System Governance Conferences.

Films:

Surviving Progress

A film by Mathieu Roy & Harold Crooks

Surviving Progress presents the story of human advancement as awe-inspiring and double-edged. It reveals the grave risk of running the 21st century's software — our know-how — on the ancient hardware of our primate brain, which hasn't been upgraded in 50,000 years. With rich imagery and immersive soundtrack, filmmakers Mathieu Roy and Harold Crooks launch us on journey to contemplate our evolution from cave-dwellers to space explorers.

Rokkashomura Rhapsody -OPEN TO THE PUBLIC-

A film by Hitomi Kamanaka

Rokkashomura Rhapsody explores the community response towards the Plutonium Plant in Northern Japan (2006). Kamanaka travels to the small town of Rokkasho in Aomori prefecture where a nuclear reprocessing plant is being built. She arrives just as the plant is nearing completion after 10 years of construction and interviews both those who are for and against it. The film shows how the villagers are weighing the pros, like the economic benefits of increased employment opportunities provided by the plant, against the potential cons of environmental and health hazards of radiation leakage.

From Ashes to Honey -OPEN TO THE PUBLIC-

A film by Hitomi Kamanaka

The film begins in the small island community of Iwaishima in Yamaguchi Prefecture where the local people have been blocking the construction of the Kaminoseki Nuclear Power Plant for nearly 30 years (though in 2008 the power company won a first approval that allowed it to only a few months ago begin an initial development stage). She then travels to Sweden, a country that has been trying to phase out its dependence on nuclear energy since 1980. By showing clear examples of how both politicians and individuals in Sweden are striving to lessen their dependence on fossil fuels and instead live off of alternative energy — solar, wind, biomass — Kamanaka hopes to inspire communities in Japan to start small and work towards taking control of their own energy production.

Discussion Questions:

“What are the benefits and drawbacks of utilizing film as a tool for dissemination of academic research?”

“How can we better utilize the benefits of film within academic research without compromising the quality of academic research?”

10:30 – 11:00

UNU HQ Reception Hall 2nd Floor

Coffee Break

11:00 – 12:30

Parallel Panel Sessions 7

Find session details on page 48.

Session 1

Nuclear Governance 1

U Thant (3F)

Session 2

Nuclear Governance 2

Rose Hall (5F)

Session 3

Earth System Governance in 21st Century 5

*Women's Plaza Audio Visual
Room C (1F)*

Session 4

Private Sector 1

Committee Room 1 (5F)

Session 5

Adaptation 2

Multi-Purpose Room (3F)

Session 6

Forest Governance 3

12th Floor Meeting Room

Session 7

Improving Global Environmental Governance

Committee Room 3 (5F)

Session 8

Environmental Management 1

*Women's Plaza Audio Visual
Room A (1F)*

Session 9

Environmental Management 2

*Women's Plaza Audio Visual
Room B (1F)*

Session 10

Environmental Governance 2

Meeting Room (3F)

12:30 – 14:00

Lunch

14:00 – 15:30

UNU HQ Rose Hall 5th Floor

Semi-Plenary VII

The Institutional Fragmentation of Global Environmental Governance – Causes, Consequences and Responses

Chair: Harro van Asselt, Stockholm Environment Institute

Discussant: Oran R. Young, University of California, Santa Barbara

Fariborz Zelli

Lund University

The Institutional Fragmentation of Global Environmental Governance: the rationale for an extended research program

Sylvia I. Karlsson-Vinkhuyzen

Leiden University

Jeffrey McGee

Power and Legitimacy Dynamics in the Fragmentation of Global Climate Governance

University of Newcastle

Sebastian Oberthür

Managing Institutional Complexity and Fragmentation

Vrije Universiteit Brussels

This semi-plenary introduces a forthcoming special issue of *Global Environmental Politics* on the expanding research agenda on institutional fragmentation and complexity. The term refers to the growing diversity and challenges to coordination among private or public norms, treaties and organizations that address a given issue area of international politics. In recent years, scholars of international relations have increasingly addressed this phenomenon, framing it also with alternative concepts like regime complexes or polycentricity. The special issue goes beyond some of these debates, which often focus on whether a centralized or polycentric global governance architecture is preferable. Instead, the contributors argue that global environmental governance is already fragmented. It is therefore time to advance this sprawling scholarly debate towards elaborate concepts and theory-driven analyses of fragmentation and complexity. Against this backdrop, the semi-plenary seeks to break new theoretical and empirical ground. Participants discuss: What are potential causes of fragmentation – and how can we analyse them by modifying institutionalist theory? Which consequences does fragmentation have for legitimacy and

institutional effectiveness? What are its consequences for different types of actors? And what are suitable and realistic management options?

14:00 – 15:30

UNU HQ UThant International Conference Hall 3rd Floor

Semi-Plenary VIII

Goal Setting and Implementation for the Post 2015 Development Agenda: Asian Perspectives on linking sustainable development and the Post MDGs

Chair: Surenda Shrestha - Former Director and Focal Point for Sustainable Development Goals (SDGs) at Rio+20 Secretaria

Masayuki Karasawa

Executive Advisor to the Director General, Head, Office for Global Issues and Development Partnership, Operations Strategy Department, Japan International Cooperation Agency (JICA) (TBC)

ADB - (TBD)

Yanuar Nugroho

Director, President's Delivery Unit for Development Monitoring and Oversight, Indonesia (TBC)

George Varughese

President, Development Alternatives (TBC)

IGES - (TBD)

Asia is a diverse region with the least developed, emerging and advanced countries coexisting in close proximity with varying needs and policy priorities. Asia is also home to over half of the world's population, and the rapid economic advance of Asian countries means that the future of sustainable development will depend on Asia and the 21st century may well be called 'the Asian century' in that regard. In this session, panelists will discuss scenarios for global goals for the Post 2015 Development Agenda to link sustainable development and Post MDGs in the Asian context, including case studies relating to national development goals, targets, and experiences with implementation of existing goals and targets. The session will highlight lessons specific to the Asia-Pacific context that can be used to inform the related global process on goal-setting and implementation.

Post 2015 Development Agenda from an Asian Perspective, linking sustainable development and the Post MDGs, and implemented with a framework of multilevel governance and multi-stakeholder participation

Possible Topics:

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- Synthesis and analysis of existing commitments, goals, targets agreed by the international community as well as national governments in fields related to sustainable development;
 - Experience of Asian countries in implementation of SD and MDGs;
 - Linkage of the Asian context to global discussions on SDGs and Post MDGs, including possible contributions to the discussion based on Asian experiences as well as potential implications of post-2015 development goals for Asian countries;
 - Implications of SDGs for development assistance in the Asian context;
 - Implementation mechanisms including target setting, data collection, monitoring, reporting and evaluation;

Presentations could address one or more of the following issues:

- What are the priority needs in Asia?
- Where is implementation most lacking in Asia?
- How to develop a unified set of goals from the separate Post MDG and SDG processes?
- How could integration among the 3 dimensions of sustainable development be enhanced by SDGs/Post 2015 Development Agenda.
- How could the tradeoff between a) the desire for a short, focused list of easy to understand goals, on one hand, and b) the need to take into account the wide diversity of local priorities and interests, on the other hand, be addressed?
- Should goal setting be decentralized?

Panelists:

- Masayuki Karasawa, Executive Advisor to the Director General, Head, Office for Global Issues and Development Partnership, Operations Strategy Department, Japan International Cooperation Agency (JICA)
- ADB (TBD)
- Surendra Shrestha, Former Director & Focal Point for Sustainable Development Goals (SDGs) at Rio+20 Secretariat
- Yanuar Nugroho, Director, President's Delivery Unit for Development Monitoring and Oversight, Indonesia
- George Varughese, President, Development Alternatives
- IGES

Outline of possible main focuses of presentations

Surendra Shrestha (moderator)

- Overview of global and regional SDG/Post MDG processes
- Asian perspectives on SDG/Post MDG processes.
- Discuss alternative views on the linkage between SDGs and Post MDGs in ongoing global discussions.

ADB (TBD)

- Results of country consultations. Comparison among countries.
- Implications for how SDGs/Post MDGs should be designed.
- Implications for ADB's role.
- Implications for implementation.

George Varughese, Development Alternatives

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- Perspectives of ordinary citizens and organizations working at the ground level
 - Potential and mechanisms to engage ordinary citizens at the ground level
 - Implications for making SDGs/Post MDGs relevant at the local level
 - Concrete examples based on DA's work

Masayuki Karasawa, JICA

- Lessons for SDGs/Post MDGs from JICA's experience with implementation of SD/MDG projects.
- How to design SDGs/Post MDGs to include lessons learnt from SD/MDG implementation
- Role of ODA in implementing SDGs/Post MDGs under changing conditions, such as the graduation of developing countries to emerging economies and fiscal constraints in donor countries.

Yanuar Nugroho (Indonesia)

- What are the country's priority areas for SDGs/Post-MDGs?
- What are the main barriers to implementation of SD/SDGs/Post-MDGs in the country?
- How could SDGs/Post-MDGs be helpful to enhance SD implementation in the country?

IGES presentation

- Focus on the issues of governance, the roles of different stakeholders (e.g. national and local governments, business, civil society), integration of global goals into national plans and strengthening multi-stakeholder participation and making it more effective
- Focus on specific sectors – food energy water nexus. How to create and implement integrated goals that link sectors and SD dimensions.
- Short comment on connection between this side event and the ESG concepts/conference themes (e.g. architecture, agency, accountability), if appropriate.

15:30 – 15:45

UNU HQ Reception Hall 2nd Floor

Coffee Break

15:45 – 17:15

UNU HQ UThant 3rd Floor

Closing Plenary

Chair: Heike Schroeder, University of East Anglia

Panel Discussion

Mr. Yvo de Boer

Special Global Advisor, Climate Change and Sustainability and Global Ambassador at KPMG, former Executive Secretary of the United Nations Framework Convention on Climate Change (UNFCCC)

Dr. Yasuko Kameyama

Head of the Center for Social and Environmental Systems Research (Sustainable Social Systems Section), National Institute for Environmental Studies

Prof. Junichi Iijima

Dean of the Graduate School of Decision Science and Technology

Prof. Yukio Himiyama

Hokkaido University of Education, Head of International Human Dimensions Programme on Global Environmental Change (IHDP) Japan Committee

Prof. Frank Biermann

Chair of the Earth System Governance Project; VU University Amsterdam and Lund University

Prof. Norichika Kanie

Chair of the Earth System Governance Tokyo Conference; Tokyo Institute of Technology, and United Nations University Institute of Advanced Studies (UNU-IAS)

18:00 – 20:00

Conference Dinner

Parallel Panel Session 1

Tuesday 29 January 2013

14:00–15:30

Fragmented Governance 1

U Thant (3F)

Chair: Frank Biermann (VU University Amsterdam)

TC 188

The split ladder of participation

Margot Hurlbert (1), Joyeeta Gupta (2) presenting

University of Regina, Saskatchewan, Canada (1), VU University Amsterdam, Amsterdam, The Netherlands (2)

TC 98

Connect the Dots: Managing the Fragmentation of the Global Climate Governance Architecture

Harro van Asselt (1,3) presenting, Fariborz Zelli (2)

Stockholm Environment Institute, Stockholm, Sweden (1), Lund University, Lund, Sweden (2), University of Oxford, Oxford, UK (3)

TC 368

Building Climate Governance Architecture in a Post-War Fragile State, Afghanistan: Performance, Challenges and Opportunities

Ashwini Swain (1) presenting

QARA Consulting, Inc., Kabul, Afghanistan (1)

TC 335

Agency and Architecture in Global Energy Governance: A Case Study of Institutional Fragmentation and Opportunities for Linkage

Harald Heubaum (1) presenting, Frank Biermann (2,3)

SOAS, University of London, London, UK (1), VU University Amsterdam, Amsterdam, The Netherlands (2), Lund University, Lund, Sweden (3)

Environmental Governance in Regional Context

Meeting Room (3F)

Chair: Atsushi Ishii (Tohoku University)

TC 33

Comparative Analysis of European and East Asian Regional Environmental Governance

Jörg Balsiger (1) presenting, Aysun Uyar (2)

University of Geneva, Geneva, Switzerland (1), Research Institute for Humanity and Nature, Kyoto, Japan (2)

TC 312

Madison's Political Mandate and Today's World Government: exploring the future of Federalism as a tool for designing Earth System Governance Architectures

Katharine N. Farrell (1,2) presenting

Humboldt-Universität zu Berlin, Berlin, Germany (1), Autonomous University of Barcelona, Barcelona, Spain (2)

TC 336

Thinking globally, acting locally: The cooperation project between the cities of Tangshan and Malmö as a case of sub-national global governance for sustainability

Roman Serdar Mendle (1) presenting

Lund University, Lund, Sweden (1)

Adaptation 1

Media Centre

Chair: Louis Lebel (Chiang Mai University)

TC 71

Adapt or die? Indigenous peoples – from the civilising mission to the need of adaptation

Marjo Lindroth (1) presenting, Heidi Sinevaara-Niskanen (1)

University of Lapland, Rovaniemi, Finland (1)

TC 330

Multilevel governance of adaptiveness: How to design effective multi-actor arrangements?

Bernd Siebenhüner (1) presenting

CvO University of Oldenburg, Oldenburg, Lower Saxony, Germany (1)

TC 142

Potentials of Innovation Candidates for Governance of Adaptation

Kevin Grecksch (1) presenting, Maik Winges (1)

University of Oldenburg, Oldenburg, Germany (1)

TC 172

The role of leadership in shaping innovative practices of climate change adaptation

Sander Meijerink (1) presenting, Sabina Stiller (2)

Radboud University, Nijmegen, The Netherlands (1), Wageningen University, Wageningen, The Netherlands (2)

Soft and Hard Law

Committee Room 1 (5F)

Chair: Sylvia Karlsson-Vinkhuzen (Wageningen University and Turku University)

TC 365

The Politics of Land Deals - A Comparative Analysis of Global Land Policies on Large-Scale Land Acquisition

Suzanne Verhoog (1) presenting

VU University Amsterdam, Amsterdam, The Netherlands (1)

TC 190

Deliberative Norm Building through Juristic Democracy: Enhancing Governance Across Complex Architectures and Multiple Agents

Walter Baber (1), Robert Bartlett (2) presenting, Christopher Dennis (1)

California State University Long Beach, Long Beach, California, USA (1), University of Vermont, Burlington, Vermont, USA (2)

TC 82

Environmental governance in and for the twenty-first century: Integrating scales, institutions, and approaches

Anne Short (1) presenting, James McCarthy (1,2), Henrik Selin (1)

Boston University, Boston, MA, USA (1), Clark University, Worcester, MA, USA (2)

Private Sector 2

Multi-Purpose Room (3F)

Chair: Ben Cashore (Yale University)

TC 17

Green Investment and Business Performance: Evidence from Africa

Joseph Adelegan (1) presenting

Global Network for Environment and Economic Development Research, Ibadan, Nigeria, Nigeria (1)

TC 113

Governance of Sustainable Technological Innovations in Automobile Industry: regulatory convergence of fuel economy standards in Japan, Europe and the U.S.

Masahiko Iguchi (1) presenting

Tokyo Institute of Technology, Tokyo, Japan (1)

TC 80

Business's Discursive Power Use in the Struggle for the Pace of Climate Action

Johanna Kentala-Lehtonen (1) presenting

University of Tampere, Tampere, Finland (1)

NGOs

Committee Room 3 (5F)

Chair: Michele Betsill (Colorado State University)

TC 182

Bridging the Gap? The Role of Non-States Actors in Global Intellectual Property and their influence toward Climate Governance

Hsiao-Fen Hsu (1) presenting

Faculty of Law Tunghai University, Taichung, Taiwan (1)

TC 376

Transparency and the role of civil society in the compliance processes of the climate change regime

Sébastien Duyck (1) presenting

Northern Institute of Environmental and Minority Law, Rovaniemi, Finland (1)

TC 49

Non-state Actor Participation in Governance for SD

Simon Hoiberg Olsen (1) presenting, Ruben Zondervan (2)

IGES, Kanagawa, Japan (1), Earth System Governance Project; and Lund University, Lund, Sweden (2)

TC 74

When Participation Instrumentalises the Civil Society: Transnational spaces in environmental governance and their influence on democratisation

Aysem Mert (1) presenting

AGCI, VU, Amsterdam, The Netherlands (1)

Water Governance 1

Staff Room (5F)

Chair: Dave Huitema (VU University Amsterdam)

TC 29

*Interaction of Architecture and Agency in the Governance of International Waters-
Institutional influences on NGO Coalitions along the Mekong river*

Yumiko Yasuda (1) presenting

University of Dundee, Dundee, Scotland, UK (1)

TC 151

*Co-engineering co-production? Challenges and opportunities for improving Pacific island
water governance*

Lorrae van Kerkhoff (1) presenting, Katherine Daniell (1), Ian White (1)

The Australian National University, Canberra ACT, Australia (1)

TC 129

*Water Supply Governance in Owerri City, Nigeria: Who is Gaining Authority and Who is
Losing it?*

Emmanuella Onyenechere (1) presenting

Imo State University, Owerri, Nigeria (1)

Biodiversity 1

Women's Plaza 1A (2F)

Chair: Pamela Chasek (International Institute for Sustainable Development)

TC 279

*The Sustainable Habitat Challenge - developing prototypes for transformative change in the
New Zealand built environment*

Timothy Bishop (1,2) presenting

SHAC, Dunedin, New Zealand (1), Otago Polytechnic, Dunedin, New Zealand (2)

TC 356

*Can bio-cultural diversity considerations facilitate stakeholder engagement in urban
environmental policy? Lessons from Kanazawa city, Japan*

Raquel Moreno-Penaranda (1) presenting

United Nations University-Institute of Advanced Studies, Yokohama, Japan (1)

TC 79

The Biopolitics of Climate-Induced Migration

Julian Reid (1) presenting

University of Lapland, Lapland, Finland (1)

Forest Governance 1

Rose Hall (5F)

Chair: Oran Young (University of California, Santa Barbra)

TC 353

REDD+ a Clumsy Solutions to a Complex problem: How Cultural Theory can Aid the Emerging REDD+ Governance Architecture

Tobias Nielsen (1) presenting

Lund University, Lund, Sweden (1)

TC 88

Turning Tensions into Synergies for Collective Actions in Philippine Forest Governance: Implications for REDD Readiness

Noelyn Dano (1), Delia Catacutan (2) presenting

Australian National University, Canberra, Australia (1), World Agroforestry Centre, Hanoi, Viet Nam (2)

TC 396

A comparative analysis of global stakeholders' perceptions of the governance quality of the CDM and REDD+

Tek Maraseni (1) presenting, Tim Cadman (2)

University of Southern Queensland, Queensland, Australia (1), Griffith University, Nathan, Australia (2)

TC 161

Interplay Management for Effective REDD Governance

Kanako Morita (1) presenting

National Institute for Environmental Studies, Tsukuba, Ibaraki, Japan (1)

Market & Trade

12th Floor Meeting Room

Chair: Peter Haas (University of Massachusetts, Amherst)

TC 245

Climate governance architecture and trade competitiveness- environmental justice and SIDS

Michelle Scobie (1) presenting

The University of the West Indies, St. Augustine, Trinidad and Tobago (1)

TC 324

Policies to increase market-share and impacts of sustainable supply chain systems: interplay

between national and international policies

Marcel Kok (1) presenting

PBL Netherlands environmental assessment agency, Bilthoven, The Netherlands (1)

TC 300

A critical evaluation of the proposals of the World Economic Forum for redesigning global governance

Harris Gleckman (1,2) presenting

University of Massachusetts-Boston, Boston, MA, USA (1), University of Maine Law School, Portland, ME, USA (2)

TC 177

Climate Change and the Global Recession

Joyeeta Gupta (1) presenting, Pedi Obani (2)

VU University, Amsterdam, The Netherlands (1), UNESCO-IHE Institute for Water Education, Delft, The Netherlands (2)

Parallel Panel Sessions 2

Tuesday 29 January 2013

16:00 – 17:30

Fragmented Governance 2 *U Thant (3F)*

Chair: Harro van Asselt (Stockholm Environment Institute)

TC 351

A Critical Realist Analysis of Networked Governance Architectures for Global Environmental Change

Abel Barasa Atiti (1) presenting, Erin Kennedy (2)

United Nations University - Institute of Advanced Studies, Yokohama, Japan (1), Tokyo Institute of Technology, Tokyo, Japan (2)

TC 332

Regime Learning and Fragmentation in Global Environmental Governance

Bernd Hackmann (1), Bernd Siebenhüner (1) presenting

CvO University of Oldenburg, Oldenburg, Lower Saxony, Germany (1)

TC 122

The Implications of the Fragmentation of Earth System Governance for Implementation Processes: The Significance of Systems for Implementation Review

Owen Greene (1) presenting

University of Bradford, Bradford, UK (1)

TC 372

Instruments to enable coordination without central government control: finding a needle in a haystack?

Tim Busscher (1) presenting, Taede Tillema (1), Jos Arts (1)

University of Groningen, Groningen, The Netherlands (1)

Climate Adaptation 1 *Media Centre*

Chair: tbd

TC 94

Trans-boundary Headwater Governance in Himalaya: A Geo-political Architecture for Climate Change Adaptation and Regional Security in South Asia

Prakash Chandra Tiwari (1) presenting

Kumaun University, Nainital, Uttarakhand, India (1)

TC 45

How adaptive policies are in Japan and can adaptive policies mean effective policies? Some Implications for Governing Climate Change Adaptation

Prabhakar S.V.R.K. (1), Misa Aoki (2), presenting, Reina Mashimo (1)

Institute for Global Environmental Strategies, Hayama, Kanagawa, Japan (1), Kyoto University, Kyoto, Japan (2)

TC 159

Closing knowledge-action gaps in adaptation to climate change in the Asia-Pacific

Louis Lebel (1) presenting

Chiang Mai University, Chiang Mai, Thailand (1)

Private Sector 3 *Committee Room 1 (5F)*

Chair: Naoko Matsumoto (Institute for Global Environmental Strategies)

TC 246

How to connect between global issue and local issues? With the case study on climate change negotiation and governance of Japanese rural transportation

Inoue Murayama Mai (1) presenting

National Institute of Environmental Studies, Tsukuba City, Japan (1)

TC 384

Stakeholder Analysis on Geothermal Development: A Case Study in Japan

Joni Jupesta (1) presenting, Aki Suwa (1,2), Govindan Parayil (1)

United Nations University-Institute of Advanced Studies, Yokohama, Japan (1), National Graduate Institute for Policy Studies, Tokyo, Japan (2)

TC 170

Cross-sectoral coordination for sustainable solutions in China: The case of Mamize from a metagovernance perspective

Chang Lu (1) presenting, Stamatios Christopoulos (2), Michael Kull (3)

Uppsala University, Uppsala, Sweden (1), UNDP BRC, Bratislava, Slovakia (2), Tallinn University of Technology, Tallinn, Estonia (3)

TC 230

Cities and public-private partnerships in multi-level climate governance: Identifying new approaches and opportunities

Harald Heubaum (1) presenting, Felicia Jackson (2), Robin Daniels (3)

SOAS, University of London, London, UK (1), Cleantech Investor, London, UK (2), Living PlanIt SA, London, UK (3)

Energy Governance Architecture *Multi-Purpose Room (3F)*

Chair: Mans Nilsson (Stockholm Environment Institute)

TC 347

Emergent Energy Governance Architecture in India: Multi-Level Governance, Market-Plus Approach, PPP Model, and Limited Accountability

Ashwini Swain (1) presenting

QARA Consulting, Inc., Kabul, Afghanistan (1)

TC 234

Fragmentation and Systemic Governance Risk in International Energy

Timothy Meyer (1) presenting

University of Georgia School of Law, Athens, GA, USA (1)

TC 275

An Analysis of Allocation and Access in the food vs. fuel nexus: comparing architectures of biofuel programmes in Brazil, India and Indonesia

Mairon G. Bastos Lima (1) presenting

Institute for Environmental Studies, VU University Amsterdam, Amsterdam, The Netherlands (1)

Transnational Environmental Governance *Committee Room 3 (5F)*

Chair: Takahiro Yamada (Tokyo Metropolitan University)

TC 283

Global grassroots resource governance networks: opportunities and challenges for re-conceptualizing multi-level governance architectures

Elisabeth van de Grift (1) presenting, Joost Vervoort (2,3)

Utrecht University, Utrecht, The Netherlands (1), University of Oxford, Oxford, UK (2), CGIAR CRP7: Climate Change, Agriculture and Food Security, Copenhagen, Denmark (3)

TC 260

New Social Movements towards Climate Governance Regime: Case studies from Australia and Bangladesh

Mehdi Azam (1) presenting

Macquarie Law School, Macquarie University, Sydney, NSW, Australia (1)

TC 254

A role for grassroots social innovations in climate change governance?

Jennifer Kent (1) presenting

Institute for Sustainable Futures, University of Technology Sydney, Sydney, NSW, Australia (1)

TC 320

Transnational forest governance architecture and how agents and meta-agents gain access

Peter Edwards (1) presenting

Swedish University of Agricultural Science, Uppsala, Sweden (1)

Climate and Energy *12th Floor Meeting Room*

Chair: Aki Suwa (United Nations University - IAS)

TC 52

Climate Protection through Energy Transitions: The Politics of Colorado's (USA) "New Energy Economy"

Michele Betsill (1) presenting, Dimitris Stevis (1)

Colorado State University, Fort Collins, Colorado, USA (1)

TC 201

Empirical analysis of the relationship between innovation activity and environmental management toward climate change

Emiko Inoue (1) presenting

Kyoto University, Kyoto, Japan (1)

TC 251

From Policy Diffusion to Policy Mobility? Relational urbanism in climate and energy governance

Kristine Kern (1,2) presenting, Ross Beveridge (2)

University of Potsdam, Potsdam, Germany (1), Leibniz Institute for Regional Development, Berlin, Germany (2)

Climate Architecture: Norms and Discourses *Meeting Room (3F)*

Chair: Sebastian Oberthür (Vrije Universiteit Brussels)

TC 286

From Crisis to Opportunity: Reconstruction of Climate Change Policy

Maki Koga (1) presenting

Tokyo Institute of Technology, Tokyo, Japan (1)

TC 392

How China Warmed to Climate Change: Fitting Global Norms to National Institutions

Eric Zusman (1) presenting, Kentaro Tamura (1)

Institute for Global Environmental Strategies (IGES), Kamiyamaguchi, Japan (1)

TC 204

Localized Norms in Asia, Brewing Normative Contestation to Global Climate Change Regime

Chaewoon Oh (1) presenting, Shunji Matsuoka (1)

Waseda University, Tokyo, Japan (1)

Global Climate Governance 1

Staff Room (5F)

Chair: Jeffrey McGree (University of Newcastle)

TC 127

Domestic Politics and Transnational Climate Governance: Evidence from the Emerging Markets

Thomas Hale (1) presenting, Charles Roger (2)

Princeton University, Princeton, NJ, USA (1), University of British Columbia, Vancouver, BC, Canada (2)

TC 240

Interplay Management for Increasing the Level of Mitigation Ambition: Exploring Synergies between the Climate Regime and Other Regimes to Achieve the 2 Degrees Celsius Goal?

Kentaro Tamura (1) presenting

Institute for Global Environmental Strategies, Hayama, Kanagawa, Japan (1)

TC 110

The influence of academics on the political dynamics of international negotiations

Katharina Rietig (1) presenting

London School of Economics and Political Science, London, UK (1)

Natural Resources

Women's Plaza 1A (2F)

Chair: Takuya Takahashi (The University of Shiga Prefecture)

TC 138

Building a multi-level stakeholder network for transboundary fisheries governance in the Caribbean

Patrick McConney (1) presenting, Terrence Phillips (2), Robin Mahon (1)

University of the West Indies, Bridgetown, Barbados (1), Caribbean Regional Fisheries Mechanism, Kingstown, Saint Vincent and the Grenadines (2)

TC 318

Dynamics of Natural Resource Conflicts at Mt. Elgon, Uganda: Exploring socio-ecological systems management approaches

Nele Förch (1) presenting, Yazidhi Bamutaze (2), Ruger Winnegge (1)

University of Siegen, Siegen, Germany (1), Makerere University, Kampala, Uganda (2)

TC 237

The Role of Community: Market-based Mechanism in Natural Resource Management

Lu Yu (1) presenting, Xiaoxi Wang (1,2)

Humboldt University Berlin, Berlin, Germany (1), Potsdam Institute for Climate Impact Research, Potsdam, Germany (2)

Parallel Panel Sessions 3

Tuesday 29 January 2013

18:00 – 19:30

Earth System Governance in 21st Century 1

Committee Room (3F)

Chair: Joyeeta Gupta (University of Amsterdam)

TC 361

The human rights principle for sustainable development governance

Gaston Meskens (1) presenting

Centre for Ethics and Value Inquiry, University of Ghent, Ghent, Belgium (1)

TC 390

Macroeconomic and Environmental Governance Incoherence: The Missing Links

Steven Bernstein (1) presenting, Erin Norma Hannah (2)

University of Toronto, Toronto, Canada (1), The University of Western Ontario, London, Canada (2)

TC 51

Global Democratic Corporatism: A Feasible System for Sustainable Earth Governance?

Fred Gale (1) presenting

University of Tasmania, Tasmania, Australia (1)

Earth System Governance in 21st Century 6

U Thant (3F)

Chair: Robin Mahon (University of the West Indies, Cave Hill Campus)

TC 143

Fragmented Environmental Governance Architectures: Challenges and Implications for Environmental Performance in Nigeria

Onwuemele Andrew (1) presenting

Nigerian Institute of Social and Economic Research, Ibadan, Oyo State, Nigeria (1)

TC 160

Environmental Attitudes, Discourses, and Drivers of Environmental Politics: An International Longitudinal Study of ISSP Datasets

Joseph Anthony Lazareto Reyes (1) presenting

Tohoku University, Sendai, Miyagi Prefecture, Japan (1)

TC 344

Earth system governance and the complexity of collective decision making

Anthony T. Odoemena (1) presenting, Joni Jupesta (2,3)

Department of International Studies, Graduate School of Frontier Sciences, University of Tokyo, Chiba, Japan (1), United Nations University-Institute of Advanced Studies, Yokohama, Japan (2), National Graduate Institute for Policy Studies, Tokyo, Japan (3)

TC 146

The Agricultural Climate Governance Policy - PGCA, the Agricultural Market for Emissions Reductions - MARE and the Platform for Environmental Services - PSA of the National Agricultural Confederation - CNA in Brazil

Ederson A. Zanetti (1) presenting

Federal University of Parana, Curitiba, Parana, Brazil (1)

Climate Adaptation 2

Media Centre

Chair: Robert Bartlett (University of Vermont)

TC 253

The limitations of climate adaptation as resource allocation problem: The need for equity and values approaches in robust adaptation governance

Daniel Ware (1,3), Johanna Mustelin (1,2) presenting

Griffith University, Queensland, Australia (1), Griffith Climate Change Response Program, Queensland, Australia (2), CSIRO Climate Adaptation Flagship, Canberra, Australia (3)

TC 328

Dimensions of distributive justice in regional discourses on climate change adaptation

Susanne Hanger (1,2) presenting

International Institute for Applied Systems Analysis, Laxenburg, Austria (1), Institute for Environmental Studies (VU University Amsterdam), Amsterdam, The Netherlands (2), Amsterdam Global Change Institute, Amsterdam, The Netherlands (3)

Environmental Governance 1

Committee Room 1 (5F)

Chair: Stacy VanDeveer (University of New Hampshire)

TC 165

Private governance and the challenges for sustainability: exploring the role of TNCs in fostering sustainable transformations in the earth system

Agni Kalfagianni (1) presenting

VU University Amsterdam, Amsterdam, The Netherlands (1)

TC 153

Voluntary approaches in VOC emission reduction policy in Japan - architecture and participation

Naoko Matsumoto (1) presenting, Akira Ogihara (1)

Institute for Global Environmental Strategies, Hayama, Kanagawa, Japan (1)

TC 18

Electronic Waste Management in Africa: The Challenges and Opportunities with the Growing Telecommunication Industry

John Oluwafemi Adelegan (1) presenting, Joseph Adelegan (1)

Global Network for Environment and Economic Development Research, Ibadan, Oyo State, Nigeria (1)

Carbon Markets *Multi-Purpose Room (3F)*

Chair: Bernd Siebenhüner (University of Oldenburg)

TC 203

Fire the workers when building new houses? How proposed New Market Mechanisms would impact the value chain created in the Clean Development Mechanism

Dirk Kayser (1,2) presenting, Joern Huenteler (3), Tobias S. Schmidt (3)

Graduate University of the Chinese Academy of Sciences, Beijing, China (1), Research Center on Fictitious Economy & Data Science, Chinese Academy of Sciences, Beijing, China (2), Swiss Federal Institute of Technology Zurich (ETH Zürich), Department of Management, Technology, and Economics, Group of Sustainability and Technology, Zürich, Switzerland (3)

TC 329

The Governing of Emissions Trading: A Multi-Level Governance Perspective

Gerard H. Kelly (1) presenting

University of Westminster, London, UK (1)

TC 377

Understanding and mitigating corruption risks in the governance of climate and carbon finance

Lisa Elges (1) presenting

Transparency International, Berlin, Germany (1)

Energy Governance in Asia

Women's Plaza 2A (2F)

Chair: Joni Jupesta (United Nations University -IAS)

TC 199

Regulatory Change and institutional rearrangement in China's Renewable Energy Development

Liguang Liu (1) presenting

Central Univeristy of Finance and Economics, Beijing, China (1)

TC 317

Challenges in maintaining energy security through hydropower development in India under a changing climate

Shadananan Nair (1) presenting

Nansen Environmental Research Centre (India), Kochi, Kerala, India (1)

Water Governance 2

Women's Plaza 2B (2F)

Chair: tbd

TC 290

Water Allocation Policy in China Revisited: Volitional Pragmatism and the Evolution of Institutions

Xiaoxi Wang (1) presenting, Lu Yu (2)

Potsdam Institute for Climate Impact Research, Potsdam, Germany (1), Humboldt University of Berlin, Belrin, Germany (2)

TC 297

The Impact of Global Environmental Mega-Conferences on Institution Building and Transnational Society in the Political Context of an Authoritarian State: International Influences on China's Environmental Governance Architecture

Sander Chan (1) presenting

VU University, Amsterdam, The Netherlands (1)

TC 255

Cooperative Federalism for Effective Water Governance – A Case Study of Malaysia

Rasyidah Md Khalild (1,2) presenting, Mazlin Bin Mokhtar (1), Faridah Jalil (1), Suhaimi Ab Rahman (3), Siti Nurain Zulkifli (1)

Universiti Kebangsaan Malaysia (National University of Malaysia), Bangi Selangor, Malaysia (1), Universiti Teknologi MARA, Shah Alam Selangor, Malaysia (2), Universiti Putra Malaysia, Serdang Selangor, Malaysia (3)

Ocean Governance 1 12th Floor Meeting Room

Chair: Atsushi Ishii (Tohoku University)

TC 339

Regional marine governance architecture- towards environmental justice in the Caribbean

Michelle Scobie (1) presenting

The University of the West Indies, St. Augustine, Trinidad and Tobago (1)

TC 136

Actors and advocacy coalitions in the Baltic Sea: Variation, ideas and change 1980-2010

Matilda Valman (1,2,3) presenting

Baltic Nest Institute, Stockholm, Sweden (1), Stockholm Resilience Centre, Stockholm, Sweden (2), Department of Political Science, Stockholm, Sweden (3)

Policy Diffusion Women's Plaza Audio Visual A (1F)

Chair: Asami Miyazaki (Kumamoto Gakuen University)

TC 187

Transnational policy diffusion - examples of South-North and South-South knowledge-sharing from sustainable transport policy

Karen Anderton (1) presenting, Heike Schroeder (1,2)

University of Oxford, Oxford, OXON, UK (1), University of East Anglia, Norwich, NORFOLK, UK (2)

TC 379

Climate policy innovation: sources, patterns, and effects

Dave Huitema (1) presenting, Andrew Jordan (2)

VU University, Amsterdam, The Netherlands (1), University of East Anglia, Norwich, UK (2)

TC 32

The Contingent Effect of Social Influence in Networks of Environmental Agreements

Yoshiki Yamagata (1) presenting, Jue Yang (1), Joseph Galaskiewicz (2)

National Institute for Environmental Studie, Tsukuba, Ibaraki, Japan (1), University of Arizona, Tucson, AZ, USA (2)

TC 50

The Role of Formal Architectures and Informal Practices in the Diffusion of Environmental Policy – The Case of EU-Korea Cooperation on Chemicals Regulation

Katja Biedenkopf (1) presenting

University of Amsterdam, Amsterdam, The Netherlands (1)

Global Climate Governance 2

Rose Hall (5F)

Chair: Steinar Andresen (FNI)

TC 130

Fragmentation of International Low-carbon Technology Governance: An Assessment in terms of Barriers to Technology Development

Norichika Kanie (1,2), Masachika Suzuki (3) presenting, Masahiko Iguchi (1)

Tokyo Institute of Technology, Tokyo, Japan (1), United Nations University, Tokyo, Japan (2), Kansai University, Osaka, Japan (3)

TC 134

Contingency national governance arrangements for rapid climate mitigation

Laurence Delina (1,2) presenting

Institute of Environmental Studies, University of New South Wales, Sydney, NSW, Australia (1), Center for Governance and Sustainability, Boston, MA, USA (2)

TC 176

Pathways to Democratizing Global Climate Governance: Institutional, Participatory, Discursive and Radical

Karin Bäckstrand (1) presenting

Lund University, Lund, Sweden (1)

TC 241

Towards an Effective Climate Architecture for Road Transport Sector: Lessons from Japan's Proposal for a Road Transport Task Force in the Asia-Pacific Partnership (APP)

Masahiko Iguchi (1) presenting

Tokyo Institute of Technology, Tokyo, Japan (1)

Parallel Panel Sessions 4

Wednesday 30 January 2013

11:00 – 12:30

Earth System Governance in 21st Century 2

UThant (3F)

Chair: Maria Ivanova (University of Massachusetts Boston)

TC 215

Multilevel Governance Architecture for the Implementation of Sustainable Development Goals: Design Considerations and Linkages between Levels in Asia ()

Mark Elder (1) presenting, Simon Olsen (1), Tetsuro Yoshida (1)

Institute for Global Environmental Strategies, Hayama, Kanagawa, Japan (1)

TC 325

Using the DPSIR framework to assess how 'governable' the Planetary Boundaries are

Asa Persson (1) presenting, Bjorn Nykvist (1)

Stockholm Environment Institute, Stockholm, Sweden (1)

TC 309

International framework for sustainable development: incorporating a sector-by-sector Partnership within United Nations System

Carina Costa de Oliveira (1) presenting

Fundação Getúlio Vargas Law School, Rio de Janeiro, Brazil (1)

Network Governance

Meeting Room (3F)

Chair: Steven Bernstein (University of Toronto, Mississauga)

TC 145

Emerging Loose System in Regional Institutions - Networked Cooperation on Transboundary Air Pollution in East Asia

Asami Miyazaki (1) presenting

Kumamoto Gakuen University, Kumamoto, Japan (1)

TC 91

Networked Environmental Governance in a Deliberative System: Polycentric, Collaborative, and Discursive

Noelyn Dano (1) presenting

Australian National University, Canberra, Australia (1)

TC 248

Viewing Environmental Governance Architecture Relationally: Networked Agents and Accountability

R. Patrick Bixler (1) presenting

Colorado State University, Fort Collins, CO, USA (1)

Adaptation: Resilience *Media Centre*

Chair: Lorrae Van Kerhoff (Australian National University)

TC 216

The Myth of Resilience

Vikrom Mathur (1) presenting

Mekong Environmental and Social Research Institute, Phnom Penh, Cambodia (1)

TC 48

Transition Pathways for Adaptive and Integrated Disaster Resilience

Riyanti Djalante (1,2) presenting

Macquarie University, Sydney, Australia (1), Local Government of Kendari City, Kendari, Indonesia (2)

TC 141

Strengthening And Redesigning European FLOOD risk practices (STAR-FLOOD): Towards appropriate and resilient flood risk governance arrangements

Carel Dieperink (1) presenting, Dries Hegger (1), Peter Driessen (1), Marleen Van Rijswijk (1), Mark Wiering (2), Tom Raadgever (3)

Utrecht University, Utrecht, The Netherlands (1), Radboud University, Nijmegen, The Netherlands (2), Grontmij, De Bilt, The Netherlands (3)

TC 210

Climate Change Governance in Caribbean Jurisdictions

David Simmons (1) presenting

University of the West Indies, St. Augustine, Trinidad and Tobago (1)

Climate Governance 1 *Committee Room 1 (5F)*

Chair: Yasuko Kameyama (National Institute for Environmental Studies)

TC 100

Emissions from the Fifth Estate: Examining climate change coverage in new/social media

Maxwell Boykoff (1,2) presenting

University of Colorado, Boulder, CO, USA (1), University of Oxford, Oxford, UK (2)

TC 69

Climate Games: Discourses of global warming in simulation games

Sandra van der Hel (2), Aysem Mert (1) presenting

AGCI, Amsterdam, The Netherlands (1), Department of Political Science, Amsterdam, The Netherlands (2)

TC 305

Climate Change Governance in China: The Central-Local Nexus

Jimin Zhao (1) presenting

Hong Kong University of Science and Technology, Hong Kong, China (1)

TC 231

Governing the adaptive responses against livelihood insecurity in coastal landscape

Md. Mustafa Saroar (1,2) presenting, Nuzhat Fatema (1,2)

Urban and Rural Planning Discipline, Khulna University, Khulna, Bangladesh (1),
Development Studies Discipline, Khulna University, Khulna, Bangladesh (2)

Energy Governance – Policy

Multi-Purpose Room (3F)

Chair: Manu Mathai (United Nations University - IAS)

TC 135

Dealing with the German exemplar: The influence of dominant advocacy coalitions on renewable electricity policy in Japan, Finland and Norway

Alexandru Luta (1) presenting

Tokyo Institute of Technology, Meguro, Tokyo, Japan (1)

TC 179

Emerging economies and environmental governance post-multilateralism: the case of the EU Renewable Energy Directive and biofuel production in Brazil, India and Indonesia

Mairon Bastos Lima (1) presenting

Institute for Environmental Studies, VU University Amsterdam, Amsterdam, The Netherlands (1)

TC 277

Transition to Renewable Energies in Oil-Rich Countries? Explaining Policy Change in the Gulf

Cooperation Council

Yasemin Atalay (1) presenting, Frank Biermann (1,2)

VU University, Amsterdam, The Netherlands (1), Lund University, Lund, Sweden (2)

TC 164

The role of the private sector in global climate and energy governance

Celio Andrade (1) presenting, Jose Puppim de Oliveira (2)

Federal University of Bahia, Bahia, Brazil (1), United Nations University, Yokohama, Japan (2)

Water Governance 3

Committee Room 3 (5F)

Chair: Sander Meijerink (Radboud University Nijmegen)

TC 46

The gap between formulation and implementation of policies: the case of Bangladesh water governance

Animesh Kumar Gain (1,2) presenting

Ca' Foscari University of Venice, Venice,, Italy (1), Bangladesh Unnayan Parishad, Dhaka, Bangladesh (2)

TC 152

Centralised Approach to Co-production: Learning from the Development of Eco-compensation Policy and Practices in Water-Supply Catchments in China

Ian White (1) presenting, Guihuan Liu (2), Huiyuan Zhang (2), Leihua Geng (3), Yanei Dong (4)

Australian National University, Canberra ACT, Australia (1), Chinese Academy of Environmental Planning, Beijing, China (2), Nanjing Hydraulic Research Institute, Nanjing, China (3), Ministry of Water Resources, Beijing, China (4)

TC 242

Learning through multi-level collaborative governance: Lessons from California's Integrated Regional Water Management Process

Esther Conrad (1) presenting

University of California Berkeley, Berkeley, CA, USA (1)

TC 167

The institutional architecture and performance of River Basin Organizations, an international comparative perspective

Sander Meijerink (1) presenting, Dave Huitema (2)

Radboud University, Nijmegen, The Netherlands (1), VU University, Amsterdam, The

Netherlands (2)

Parallel Panel Sessions 5

Wednesday 30 January 2013

16:00 – 17:30

Earth System Governance in 21st Century 3 *Media Centre*

Chair: Walter Baber (California State University, Long Beach)

TC 333

Co-producing Earth System Governance: Examining the interplay between science and governance in multi-agent networks

Carina Wyborn (1) presenting

Australian National University, Canberra, ACT, Australia (1)

TC 103

Learning among policymakers - the missing link to improve earth system governance

Katharina Rietig (1) presenting

London School of Economics and Political Science, London, UK (1)

TC 213

A regional governance architecture framework for planning research and interventions

Robin Mahon (1) presenting, Lucia Fanning (2), Patrick McConney (1)

Centre for Resource Management and Environmental Studies (CERMES), University of the West Indies, Cave Hill Campus, Barbados (1), Marine Affairs Program, Dalhousie University, Halifax, Nova Scotia, Canada (2)

TC 285

What Really Matters? Perceptions on Legitimacy and Effectiveness of Global Environmental Initiatives: A Case Study of Zaka District

Archimedes Muzenda (1) presenting

University of Zimbabwe, Harare, Zimbabwe (1)

Environmental Aid, Financing 2 *Committee Room 1 (5F)*

Chair: Jakob Skovgaard (Lund University)

TC 37

Japanese and Korean Environmental Aid: What are their life stories?

Aki Tonami (1) presenting, Anders Riel Müller (1,2)

*Nordic Institute of Asian Studies, University of Copenhagen, Copenhagen, Denmark (1),
Roskilde University, Roskilde, Denmark (2)*

TC 267

Translating Ideas into sustained action: challenges of foreign-assisted environmental programs in the Philippines

Ria Adoracion Lambino (1) presenting

Kyoto University Graduate School of Global Environmental Studies, Kyoto City, Japan (1)

TC 209

Mainstreamed Donor Policy Dialogue on Climate Change Risks in Vietnam

Knaepen Hanne (1) presenting

Kyoto University, Kyoto, Japan (1)

Methodology *Multi-Purpose Room (3F)*

Chair: Yoshiki Yamagata (National Institute for Environmental Studies)

TC 315

Agent Based Modeling of Intergovernmental Networks: A Complex Systems Approach to Analyze Transportation Policy Implementation Processes

Asim Zia (1) presenting, Christopher Koliba (1)

University of Vermont, Burlington, VT, USA (1)

TC 118

Global diffusion of forest certification in the long run: An agent-based modeling approach

Takuya Takahashi (1) presenting

University of Shiga Prefecture, Hikone, Japan (1)

TC 327

Strengthening the international relations dimension of global environmental change scenarios

Marcel Kok (1) presenting

PBL Netherlands Environmental Assessment Agency, Bilthoven, The Netherlands (1)

TC 119

Upscaling transitions for earth system governance: An exploration of the transnational applicability of transition theory

Sander Happaerts (1) presenting, Hans Bruyninckx (1)

KU Leuven, Leuven, Belgium (1)

Biodiversity 2 *Committee Room 3 (5F)*

Chair: Peter Bridgewater (United Nations University -IAS)

TC 293

Institutional Proliferation and Change in Access and Benefit-Sharing – the role of property regimes

Florian Rabitz (1) presenting

Institute for European Studies, Brussels, Belgium (1)

TC 14

Fair and equitable governance? Procedural justice in the negotiations on the Nagoya Protocol

Brendan Coolsaet (1) presenting

Université catholique de Louvain, Louvain-la-Neuve, Belgium (1)

TC 220

Earth system governance and access to natural resources - Implications of hybrid multi-level environmental governance for forest-based livelihoods

Mirjam A.F. Ros-Tonen (1) presenting, Mercy Derkyi (1,2), Verina Ingram (3,4), Joyeeta Gupta (1,6)

University of Amsterdam, Amsterdam, The Netherlands (1), Tropenbos International Ghana, Kumasi, Ghana (2), Wageningen University, Wageningen, The Netherlands (3), CIFOR Cameroon, Yaounde, Cameroon (4), VU University Amsterdam, Amsterdam, The Netherlands (5), UNESCO-IHE Institute for Water Education, Delft, The Netherlands (6)

Food Governance *Staff Room (5F)*

Chair: Susana Vieira (Universidade de Itaúna)

TC 214

The Complex Risk Governance Issues Posed by Radionuclides in Food After the Fukushima Disaster

Makiko Matsuo (1,2) presenting

The University of Tokyo Policy Alternative Research Institute, Tokyo, Japan (1), The University of Tokyo Graduate School of Public Policy, Tokyo, Japan (2)

TC 269

Linking multi-actor foresight for connected governance challenges: food systems and global environmental change

Joost Vervoort (1,2) presenting, Robin Bourgeois (3), Polly Ericksen (4), Kasper Kok (5,2),

Patti Kristjanson (2), Philip Thornton (2), Moushumi Chaudhury (2), Wiebke Foerch (2)

University of Oxford, Oxford, UK (1), CGIAR CRP7: Climate Change, Agriculture and Food Security, Copenhagen, Denmark (2), Global Forum on Agricultural Research, Rome, Italy (3), International Livestock Research Institute, Nairobi, Kenya (4), Wageningen University, Wageningen, The Netherlands (5)

TC 389

Climate Change and Resilience: Land use and Rainfall Changes and Water Governance Affecting Food Security and Livelihoods

Kimkong Ham (1) presenting

Royal University of Phnom Penh (RUPP), Phnom Penh, Cambodia (1)

Ocean Governance 2

Meeting Room (3F)

Chair: tbd

TC 137

Institutional stability and change in the Baltic Sea

Matilda Valman (1,2,3) presenting

Baltic Nest Institute, Stockholm, Sweden (1), Stockholm Resilience Centre, Stockholm, Sweden (2), Department of Political Science, Stockholm, Sweden (3)

TC 197

Case study on the interplay in the formation of plural environmental regimes - case of regional sea programmes and carbon capture and sequestration in sub-sea geological formations

Keiko Segawa (1) presenting

Tokyo Institute of Technology, Tokyo, Japan (1)

TC 343

Interplay among regional organisations for ocean governance in the Wider Caribbean Region?

Alexcia Cooke (1) presenting, Lucia Fanning (2), Robin Mahon (1), Patrick McConney (1)

Centre for Resource Management and Environmental Studies (CERMES), University of the West Indies, Cave Hill Campus, Barbados (1), Marine Affairs Program, Dalhousie University, Halifax, Nova Scotia, Canada (2)

TC 185

Demonstrating the practical application of the LME Governance Framework in the Wider Caribbean

Lucia Fanning (1) presenting, Robin Mahon (2), Patrick McConney (2)

Dalhousie University, Halifax, Nova Scotia, Canada (1), University of the West Indies, Cavehill, Barbados (2)

Parallel Panel Session 6

Wednesday 30 January 2013

18:00 – 19:30

Earth System Governance in 21st Century 4 Staff Room (5F)

Chair: Hiroshi Ohta (Waseda University)

TC 274

The behavioral dimensions of international cooperation

Alejandro Guarin (1) presenting, Dirk Messner (1,3), Daniel Haun (2)

German Development Institute / Deutsches Institut für Entwicklungspolitik, Bonn, Germany (1), Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany (2), Centre for Global Cooperation Research, Duisburg, Germany (3)

TC 264

Two Different Evacuations from Fukushima Nuclear Accident

Reiko Hasegawa (1) presenting

Institute for Sustainable Development and International Relations (IDDRI), Paris, France (1)

Environmental Aid, Financing 1 Committee Room 1 (5F)

Chair: Mark Elder (Institute for Global Environmental Strategies)

TC 186

Allocating International Climate Finance: Understanding Contributor Government Beliefs and Processes—Case Studies from the Australia, Denmark, Germany, Japan, Switzerland, the UK and the US

J. Timmons Roberts (1), Jakob Skovgaard (2) presenting, Hendrikje Reich, David Rossati (3), Martin Stadelmann (4), Jonathan Pickering (5), Soyeun Kim (6)

Brown University, Providence, USA (1), Lund University, Lund, Sweden (2), University of Edinburgh, Edinburgh, UK (3), University of Zurich, Zurich, Switzerland (4), Australian National University, Canberra, Australia (5), University of Leeds, Leeds, UK (6)

TC 270

Fulfilling climate finance commitments: scope for unilateral and coordinated approaches

Jonathan Pickering (1) presenting, Frank Jotzo (1), Peter J. Wood (1)

Australian National University, Canberra, Australia (1)

TC 158

The governance of adaptation financing: legitimacy at multiple levels

Louis Lebel (1) presenting, Albert Salamanca (2)

Chiang Mai University, Chiang Mai, Thailand (1), Stockholm Environment Institute, Bangkok, Thailand (2)

Climate Governance 2 Multi-Purpose Room (3F)

Chair: Kentaro Tamura (Institute for Global Environmental Strategies)

TC 250

Accelerating sustainability in British Columbia: Enablers of transformative multi-level governance in eleven case study communities

Sarah Burch (1) presenting, Alison Shaw (1,2), Ann Dale (1,2), John Robinson (1)

University of British Columbia, Vancouver, BC, Canada (1), Royal Roads University, Victoria, BC, Canada (2)

TC 268

Governance of Climate Induced Migration in the Coastal regions of Bangladesh: New Transformation Required?

Mehdi Azam (1) presenting, Gregor C. Falk (2)

Macquarie Law School, Macquarie University, Sydney, NSW, Australia (1), Institute of Geography, University of Education Freiburg, Freiburg, Germany (2)

TC 174

Overcoming the Failure to Develop Effective Global Climate Change Policy

Ian McGregor (1) presenting

University of Technology, Sydney (UTS), Sydney, NSW, Australia (1)

Forest Governance 2 Committee Room 3 (5F)

Chair: Kanako Morita (National Institute for Environmental Studies)

TC 68

Political Dynamics of REDD+ in Indonesia

Stepi Hakim (1) presenting

Clinton Foundation, Jakarta, Indonesia (1)

TC 38

International Pathways of Influence and Domestic Policy Change in Transnational Environmental Governance: Evidence from the REDD+ Readiness Phase in Tanzania and

Panama

Sebastien Jodoin (1) presenting

Yale University, New Haven, Ct., USA (1)

TC 66

Global Environmental Governance Architecture, Local Government and Forest Resources abuse: Case of Democratic Republic of Congo

Sentime Kasay (1) presenting

University of South Africa, Pretoria, South Africa (1)

Biodiversity 3

Media Centre

Chair: Raquel Moreno-Penaranda (United Nations University - IAS)

TC 101

Avoiding dead parrots, diseased forests and acidic oceans – developing a new global adaptive architecture for biodiversity governance

Peter Bridgewater (1) presenting, Ian Cresswell (2)

UNU-IAS, Yokohama, Japan (1), CSIRO, Hobart, Tasmania, Australia (2)

TC 157

Agency and alliance: public and private interests in biodiversity stewardship programs

Thomas Measham (1) presenting

CSIRO Ecosystem Sciences, Canberra, Australia (1), Australian National University, Canberra, Australia (2)

TC 6

Accommodating global environmental governance to new drivers: The case of governance partnerships and China's biodiversity governance

Sander Chan (1) presenting

VU University, Amsterdam, The Netherlands (1)

TC 321

The performance of sub-national biodiversity governance - insight from practitioners in Małopolska region, Poland

Agata Pietrzyk-Kaszynska (1) presenting, Malgorzata Grodzinska-Jurczak (1)

Jagiellonian University, Institute of Environmental Sciences, Kraków, Poland (1)

Climate Governance 3

Meeting Room (3F)

Chair: Maxwell Boykoff (University of Colorado)

TC 385

Developing Governance Indicators for a Low Carbon Societies Context in Asia

Manu Mathai (1) presenting, Govindan Parayil (1), Aki Suwa (1)

United Nations University Institute of Advanced Studies, Yokohama, Japan (1)

TC 386

Study of governance indicators to the low carbon society in China

Ping Jiang (1) presenting, Bin Xu (1)

UNU-IAS, Yokohama, Japan (1)

TC 206

An X-Ray of Iskandar Malaysia Low Carbon Society in the Context of Earth System Governance Architectures

Aliyu Salisu Barau (1) presenting, A.N.M Ludin (1)

Universiti Teknologi Malaysia, Johor, Malaysia (1)

TC 123

Attitudes and Socio-Cultural Practices as Determinants of Sustainable Adaptation to Climate Change: Case Studies from Nigeria

Felix Olorunfemi (1) presenting, Usman Raheem (3), Andrew Onwuemele (1), Mayowa Fasona (2)

Nigerian Institute of Social and Economic Research, Ibadan, Nigeria (1), University of Lagos, Lagos, Nigeria (2), University of Ilorin, Ilorin, Nigeria (3)

Parallel Panel Sessions 7

Thursday 31 January 2013

11:00–12:30

Nuclear Governance 1 UThant (3F)

Chair: Laurence Tubiana (IDDRI)

TC 202

Regulatory Failures of Nuclear Safety in Japan- The Case of Fukushima Accident

Hideaki Shiroyama (1) presenting

The University of Tokyo, Tokyo, Japan (1)

TC 364

How Democracies Deal With Disasters: A comparison between the 3.11 disaster in Japan and the Katrina disaster in the US

Francois Gemenne (1) presenting

IDDRI - Sciences Po, Paris, France (1)

Nuclear Governance 2 Rose Hall (5F)

Chair: Shunji Matsuoka (Waseda University)

TC 360

Nuclear Governance: lock-ins and precaution

Sybille van den Hove (1,2) presenting, Marc Le Menestrel (3,4)

Median SCP, Valldoreix (Barcelona), Spain (1), Institut de Ciència i Tecnologia Ambientals (ICTA), Universtitat Autònoma de Barcelona, Barcelona, Spain (2), Universitat Pompeu Fabra, Barcelona, Spain (3), INSEAD, Fontainebleau, France (4)

TC 225

How should nuclear be governed? The Aarhus Convention's participatory system: strengths and weaknesses relevant to nuclear governance

Christine Larssen (1) presenting

Université Libre de Bruxelles, Bruxelles, Belgium (1)

TC 373

The Chain of impacts of the 3.11 triple disaster in Japan

Reiko Hasegawa (1) presenting

IDDDRI, Paris, France (1)

***Earth System Governance in 21st Century 5
(1F)***

Women's Plaza Audio Visual Room C

Chair: Heike Schroeder (University of East Anglia)

TC 326

Closing the Implementation Gap in Global Environmental Governance: Understanding Country Needs and Obligations under Multilateral Environmental Agreements

Maria Ivanova (1) presenting, Natalia Escobar-Pemberthy (1), Marija Bingulac (1)

University of Massachusetts Boston, Boston, MA, USA (1)

TC 227

The new architecture of global governance of "environmental migrants" and "climate refugees": Beyond semantic differences

Md. Mustafa Saroar (1,2) presenting, Nuzhat Fatema (1,2)

*Urban and Rural Planning Discipline, Khulna University, Khulna, Bangladesh (1),
Development Studies Discipline, Khulna University, Khulna, Bangladesh (2)*

TC 218

Building an Architecture for Geoengineering Research

Eleftheria Vasileiadou (1), Arthur Petersen (1) presenting, Frank Biermann (1)

VU University Amsterdam, Amsterdam, The Netherlands (1)

TC 183

The Emergent Network Structure of the Multilateral Environmental Agreement System

Rakhyun Kim (1) presenting

Australian National University, Canberra, ACT, Australia (1)

Private Sector 1 Committee Room 1 (5F)

Chair: Masachika Suzuki (Kansai University)

TC 163

Private Climate Ordering and EU's Biofuel Governance

Seita Romppanen (1) presenting

University of Eastern Finland, Joensuu, Finland (1)

TC 81

Considering technological characteristics in bottom-up climate governance - A framework to

inform green growth strategies and technology transfer institutions

Joern Huenteler (1), Tobias Schmidt (1) presenting

ETH Zurich, Zurich, Switzerland (1)

TC 232

Leveraging private capital through the Green Climate Fund: The mitigation of investment risk

Felicia Jackson (1) presenting, Harald Heubaum (2)

Cleantech Investor, London, UK (1), SOAS, University of London, London, UK (2)

Adaptation 2 *Multi-Purpose Room (3F)*

Chair: Asim Zia (University of Vermont, Burlington)

TC 212

Resilience through diversity: adapting to climate change around the Tonle Sap Lake in Cambodia

Vikrom Mathur (1) presenting

Mekong Environmental and Social Research Institute, Phnom Penh, Cambodia (1)

TC 102

A Framework for Assessing Institutional Resilience to Climate Change Impacts: A comparison of two urban water systems in the American West.

Derek Kauneckis (1) presenting

University of Nevada, Reno, NV, USA (1)

TC 358

Adaptive multi-level governance of River Basin Management in the Netherlands through social learning

Sebastian van Herk (1,2) presenting, Jeroen Rijke (1,2), Chris Zevenbergen (1,2), Richard Ashley (1)

UNESCO-IHE, Delft, The Netherlands (1), Delft University of Technology, Delft, The Netherlands (2)

TC 139

Towards design principles for successful joint knowledge production, a reflection on climate change adaptation projects

Carel Dieperink (1) presenting, Dries Hegger (1)

Utrecht University, Utrecht, The Netherlands (1)

Forest Governance 3

12th Floor Meeting Room

Chair: Tek Maraseni (University of Southern Queensland)

TC 349

Efficacy of forest law enforcement and incentive based conservation to prevent illegal logging in developing countries: lessons learned from two conservation area of Bangladesh

Sharif Ahmed Mukul (1,2) presenting, A.Z.M. Manzoor Rashid (3,4), Mohammad Belal Uddin (3), John Herbohn (1)

The University of Queensland, Brisbane Qld 4072, Australia (1), Centre for Research on Land-use Sustainability, Maijdi, Noakhali 3800, Bangladesh (2), Shahajalal University of Science and Technology, Sylhet 3114, Bangladesh (3), University of Western Sydney, Sydney, Australia (4)

TC 350

International Forest Conservation: Are Networked Governance Architectures Rich in Accountability?

Theresa Jedd (1) presenting

Colorado State University, Fort Collins, CO, USA (1)

TC 175

How to Govern Forests Toward Climate Change Mitigation, Biodiversity Protection and Increased Timber Production? – Exploring Swedish Forest Policies in a Multilevel Governance Context

Mikael Kylsäter (1) presenting

Lund University/Dept. of Political Science, Lund, Sweden (1)

Improving Global Environmental Governance

Committee Room 3 (5F)

Chair: Norichika Kanie (Tokyo Institute of Technology, United Nations University -IAS)

TC 223

Agenda Setting at Sea and in the Air

Stacy VanDeveer (1) presenting

University of New Hampshire, Durham, NH, USA (1)

TC 147

Improving Global Environmental Governance: Best Practices for architecture and agency

Norichika Kanie (1,4) presenting, Steinar Andresen (3), Peter Haas (2)

Tokyo Institute of Technology, Tokyo, Japan (1), University of Massachusetts, Amherst,

Amherst, MA, USA (2), Fridtjof Nansen Institute, Oslo, Norway (3), United Nations University Institute of Advanced Studies, Yokohama, Japan (4)

TC 233

Lessons Learned from Multilateral Environmental Negotiations

Pamela Chasek (1) presenting

Manhattan College, Bronx, New York, USA (1)

TC 181

Actor Configurations and Compliance Tasks in International Environmental Governance

Olav Schram Stokke (1) presenting

Fridtjof Nansen Institute, Oslo, Norway (1)

TC 319

Governance by learning; a learning architecture for forest governance

Benjamin Cashore (1) presenting, Daniela Goehler (2), Jeremy Rayner (3)

Yale University, New Haven, USA (1), Bundesministerium fuer Umwelt, Berlin, Germany (2), University of Saskatchewan, Saskatchewan, Canada (3)

Environmental Management 1 *Women's Plaza Audio Visual Room A (1F)*

Chair: Csaba Pusztai (United Nations University – IAS)

TC 288

Managing the urban rectangle of climate, energy, land-use, and transport

Annika Styczynski (1) presenting

Environmental Policy Research Center, Free University Berlin, Berlin, Germany (1)

TC 395

Contemporary Challenges in Urban Development and Physical Infrastructure Governance

Nikolai Bobylev (1,2) presenting

University of Birmingham, Birmingham, UK (1), St. Petersburg State University, St. Petersburg, Russia (2)

TC 374

Household energy equity and human well-being: A case of India

Sohail Ahmad (1,2,3) presenting, Manu V. Mathai (1)

United Nations University - Institute of Advanced Studies, Yokohama, Japan (1), Tokyo Institute of Technology, Tokyo, Japan (2), School of Planning and Architecture, Delhi, India (3)

TC 59

(Un)Governable consumers?: Emerging approaches to achieving sustainable consumption and production

Lewis Akenji (1) presenting

Institute for Global Environmental Strategies, Hayama, Japan (1)

Environmental Management 2 *Women's Plaza Audio Visual Room B (1F)*

Chair: Katherine Farrell (Humboldt University Berlin)

TC 338

Solid Waste Management: From unruly to legally sustainable management... but how to address the social consequences? A case study

Susana Vieira (1) presenting, Ana Luiza R.Melo (1), Paula Oliveira (1), Maria Cecilia Luna (1)

Universidade de Itaúna, Itaúna, Minas Gerais, Brazil (1)

TC 180

How can earth observation data on informal settlements add value to sustainable urban development planning? A case study of Stellenbosch, South Africa

Walter Musakwa (1) presenting, Adriaan Van Niekerk (2)

Stellenbosch University, Department of Geography and Environmental Studies, Stellenbosch, Western Cape, South Africa (1), Stellenbosch University, Centre for Geographical Analysis, Stellenbosch, Western Cape, South Africa (2)

TC 238

Global Environmental Change and Urban Health Analysis: Some Emerging Complexities for Interdisciplinary Discourse

Usman Raheem (1) presenting, Felix Olorunfemi (2), Gbenga Awotayo (3)

University of Ilorin, Ilorin, Nigeria (1), Nigerian Institute of Social and Economic Research (NISER), Ibadan, Nigeria (2), University of Ibadan, Ibadan, Nigeria (3)

Environmental Governance 2 *Meeting Room (3F)*

Chair: Katja Biedenkopf (University of Amsterdam)

TC 247

Designing Science-Policy Interface in Environmental Regime in East Asia: A Case for Transboundary Air Pollution

Norichika Kanie (1,2), Maki Koga (1) presenting

Tokyo Institute of Technology, Tokyo, Japan (1), United Nations University Institute of Advanced Studies, Yokohama, Japan (2)

TC 166

The Challenges in Governing Phosphorus

Joost Edixhoven (1) presenting, Joyeeta Gupta (2)

Delft Technical University, Delft, The Netherlands (1), IVM Institute for Environmental Studies, VU University, Amsterdam, The Netherlands (2)

TC 323

Evaluating the Strategic Approach to International Chemicals Management: strengths and weaknesses of a soft regime

Asa Persson (1) presenting, Linn Persson (1)

Stockholm Environment Institute, Stockholm, Sweden (1)

TC 266

Future speak: organising discourses in strategic deliberative arenas for food systems governance

Joost Vervoort (1,2) presenting, Greetje Schouten (3), Angela Wilkinson (1), Frans Hermans (4), Erik Mathijs (6), Kasper Kok (4,2), Ariella Helfgott (5,1)

University of Oxford, Oxford, UK (1), CGIAR CRP7: Climate Change, Agriculture and Food Security, Copenhagen, Denmark (2), Utrecht University, Utrecht, The Netherlands (3), Wageningen University, Wageningen, The Netherlands (4), University of Adelaide, Adelaide, Australia (5), KU Leuven, Leuven, Belgium (6)

Invited Speakers

Opening Reception, Monday 28 January 2013, 17:30



Akio Takemoto - Director, Secretariat of Asia-Pacific Network for Global Change Research (APN)

Dr. Akio Takemoto is Director of the Secretariat of the Asia-Pacific Network for Global Change Research (APN). From July 2010 to July 2011, he was Project Researcher at the Integrated Research System for Sustainability Science (IR3S), the University of Tokyo. From April 2010 to Jun 2010, Dr. Takemoto served as Director of the Groundwater Office as well as the International Cooperation Office at the Ministry of the Environment, Japan (MOEJ) after serving as Deputy Division Director for international affairs and environmental impact assessment (August 2003 – March 2010). He served as the first and second Secretary of the Permanent Delegation of Japan to the OECD based in Paris (August 2000 – August 2003). Dr. Takemoto began his career on Environment Administration (Environment Agency and Ministry of the Environment, Japan) in April 1992. He obtained a Doctorate of Engineering (Ibaraki University) Degree in 2010 and Master's Degree of Science (Hokkaido University) in 1992. His main research field is sustainable development in developing countries, including climate change adaptation and mitigation.

Opening Plenary Session, Tuesday 29 January 2013, 09:00



Ryutaro Yatsu – Vice-Minister for Global Environmental Affairs, Ministry of the Environment Japan

Since 1976, Prof. Ryutaro Yatsu has been involved in climate and other MEA negotiations, bilateral and multilateral environmental cooperation projects, environmental legislations and planning. He is specialized in drinking water supply and waste management. He was assigned as policy advisor in the State Ministry of Population and Environmental of Indonesia (KLH), visiting researcher in United Nations University/Institute of Advanced Studies (UNU/IAS) and Director of Asia-Pacific Network for Global Change Research (APN). He received his Doctor's Degree from Tohoku University.

Semi-plenary I, Post MDGs/SDGs, Tuesday 29 January 2013, 11:00 (by video)



Jeffrey Sachs – Director of The Earth Institute at Columbia University

Jeffrey D. Sachs is a world-renowned professor of economics, leader in sustainable development, senior UN advisor, bestselling author, and syndicated columnist whose monthly newspaper columns appear in more than 80 countries. He has twice been named among Time Magazine's 100 most influential world leaders. He was called by the New York Times, "probably the most important economist in the world," and by Time Magazine "the world's best known economist." A recent survey by The Economist Magazine ranked Professor Sachs as among the world's three most influential living economists of the past decade.

Professor Sachs serves as the Director of The Earth Institute, Quetelet Professor of Sustainable Development, and Professor of Health Policy and Management at Columbia University. He is Special Advisor to United Nations Secretary-General Ban Ki-moon on the Millennium Development Goals, having held the same position under former UN Secretary-General Kofi Annan. He is co-founder and Chief Strategist of Millennium Promise Alliance, and is director of the Millennium Villages Project. He has authored three New York Times bestsellers in the past seven years: *The End of Poverty* (2005), *Common Wealth: Economics for a Crowded Planet* (2008), and *The Price of Civilization* (2011).

Prior to joining Columbia, Sachs spent over twenty years at Harvard University, most recently as Director of the Center for International Development and the Galen L. Stone Professor of International Trade. A native of Detroit, Michigan, Sachs received his B.A., M.A., and Ph.D. degrees at Harvard.

Special Morning Session, Environmental Governance Issues for Energy Policy in Japan after Fukushima, Wednesday 30 January 2013, 08:15



Kazuhiro Ueta, Kyoto University

Kazuhiro Ueta is a professor of environmental economics and public finance, Graduate School of Economics, Kyoto University. He was President of the East Asian Association of Environmental and Resource Economics (2010-2012), and former President of the Society for Environmental Economics and Policy Studies, Japan (2006-2010) and a project leader of Grant-in-aid Multi-level Environmental Governance for Sustainable Development (2006-2012). He has published many articles and books including "CDM and Sustainable Development in China from Japanese Perspective", "Basic Theory of Energy", "Environmental Economics", "Economics of Recycling for Solid Waste management", "Environmental Policy in China", and

Sustainable Development”.

Plenary Session, Nuclear Governance, Thursday 31
January 2013, 09:00



Kiyoshi Kurokawa - Academic Fellow, National Graduate Institute for Policy Studies, former Chairman, The National Diet of Japan Fukushima Nuclear Accident Independent Investigation Commission.

Kiyoshi Kurokawa is a graduate of the University of Tokyo School of Medicine. He went to the United States in 1969, and he was appointed professor at UCLA in 1979. After returning to Japan in 1983, Kurokawa was a professor at the University of Tokyo (1989-1996); Dean of the Tokai University School of Medicine (1996-2002); President of the Science Council of Japan (2003-2006); Member of the Council for Science and Technology Policy (2003-2007); Science Advisor to the Prime Minister (2006-2008); and WHO Commissioner (2005-2009). He served as an executive member of many national and international professional societies of his disciplines, and as a Board member of Bibliotheca Alexandria; member of the Board of Trustees of KUSTAR; Board members of A*STAR (Singapore) and Khalifa University (Abu Dhabi); Advisory Board of the Prime Minister of Malaysia; and as a visiting researcher at the University of Colombia. He was also elected as members of various scientific societies, including Institute of Medicine of the National Academies of Sciences of U.S.A., Master of American College of Physicians and Founding Governor of ACP Japan Chapter (2003-2011), and has served in many committees of the government of Japan. Since December 2011, Kurokawa has been serving as Chair, Independent Investigation of Fukushima Nuclear Accidents Commission by the National Diet of Japan (NAIIC). He is also a recipient of AAAS Award for Scientific Freedom and Responsibility (2012) and of '100 Top Global Thinkers' of Foreign Policy (2012). His website: <http://www.kiyoshikurokawa.com/en>.



Laurence Tubiana – Institute for Sustainable Development and International Relations (IDDRI)

Laurence Tubiana is founder of the Institute for Sustainable Development and International Relations (IDDRI) in Paris. She follows and participates in the international negotiations on climate change, in which IDDRI is highly involved. She is also professor and director of the Sustainable Development Center at Sciences Po Paris. From May 2009 to May 2010, Laurence Tubiana was asked to set up the new direction of Global Public Goods of the French Ministry of Foreign and European Affairs.

She is member of several scientific boards of main research institutions such as the French Agricultural Research Centre for International Development (CIRAD), the India Council for Sustainable Development and the China Council for International Cooperation on Environment and Development.

From 1997 to 2002, Laurence Tubiana served as senior advisor to the Prime Minister, Lionel Jospin, on environmental issues and conducted a number of international negotiations on this subject. She was also member of the French Council of Economic Analysis and research director for the French National Institute for Agricultural Research (INRA). She has been a representative of the European NGOs at the World Bank and directed the French-based NGO Solagrail.

Founder of the journal *Le Courrier de la Planète*, she published a number of articles and books on environment, development and international issues. Since 2007, she has co-directed the publication of the annual review *Sustainable Development in Action – A Planet for Life*. Laurence Tubiana studied at the Institut d'Études Politiques de Paris and holds a PhD in economics.



Sybille van den Hove - Director and Partner of MEDIAN and Visiting Professor at the Institute for Environmental Science and Technology (ICTA) of the Autonomous University of Barcelona.

Her core expertise is in sustainability governance; science-policy interfaces; decision-making and policy formation under conditions of complexity; integration of natural and social sciences research; environmental research strategies; and corporate environmental responsibility. Her recent work has focused on biodiversity and climate change policies at international and EU levels.

Closing Plenary Session, Thursday 31 January 2013, 15:30



Yvo de Boer, KPMG's Special Global Advisor on Climate Change and Sustainability, formerly Executive Secretary to the UN Framework Convention on Climate Change

Yvo de Boer is KPMG's Special Global Advisor, Climate Change and Sustainability. In this role he is responsible for thought leadership on strategy development, driving the development of KPMG's Sustainability Service as a global ambassador for KPMG.

He is the former chair of the World Economic Forum's Global Agenda Council on Climate Change. Prior to joining KPMG, Mr. de Boer was Executive Secretary of the United Nations Framework Convention on Climate Change (UNFCCC), the body responsible for a multi-lateral response to the climate change challenge.

Mr. de Boer has been involved in climate change policies since 1994. He has helped to prepare the position of the European Union in the lead-up to the negotiations on the Kyoto Protocol, assisted in the design of the internal burden sharing of the European Union and has since led delegations to the UNFCCC negotiations.

He has actively sought broad stakeholder involvement on the issue of climate change. To that end, he launched an international dialogue on the clean development mechanism and has partnered international discussions with the World Business Council on Sustainable Development, aimed at increasing private sector involvement. He also organized several international conferences on the role of markets in climate policy and on strategies for sustainable growth.

Alongside his work for KPMG Mr. de Boer is Professorial Fellow at the University of Maastricht and is a certified mediator. He is a Council Member of the World Business Council on Sustainable Development (and co-chair of the taskforce on Climate and Energy), a member of the Green Growth Leaders, a member of the Capital Markets Climate Initiative steering group (established by UK Climate Minister Greg Barker), a Board Member of the Carbon Markets International Association, a member of the International Advisory Group of the Rotterdam Climate Initiative, as well as a Board member of the Carbon Markets International Association. Since 2013 he is a panel member of distinguished scientists and experts in reviewing the 2013 Global Assessment Report for Disaster Risk Reduction. Mr. de Boer received a knighthood from her Majesty the Queen of the Netherlands in 2009 and the Dutch Climate Award in 2010.



Junichi Iijima – Dean of the Graduate School of Decision Science and Technology, Tokyo Institute of Technology.

Dr. Iijima Junichi is a professor at the Department of Industrial Management and Engineering and the Dean of the Graduate School of Decision Science and Technology at the Tokyo Institute of Technology.

His major interests are Business Process Modeling, IT Value and Systems Theory. He is the author and coauthor of many papers, articles and books in Japanese and international journals as well.

He was a former president of JASMIN (the Japan Society for Management Information), which is the largest society related to Information Systems in Japan. Currently, he is a member of the Talk Force on Electronic Administrative Service in the Japanese Government and a vice president of the Japan Society of Business Process Management.

General Conference Information

Social Events

Opening Reception

Monday 28 January 2013, 17:30 – 19:30

Location: United Nations University Head Quarters, Reception Hall

Closing Dinner

Thursday 31 January 2013, 18:00 – 20:30

Tokyo Excursion

Tuesday 29 January 2013, 19:30 – 21:30

Location: Omotesando tour and Izakaya outing

Conference Venues

The four conference venues are all located in close walking distance from JR Shibuya train station.

The main venue site is United Nations University Head Quarters (UNU HQ), which includes the United Nations University Media Centre as well as the Global Environmental Outreach Centre (GEOC). The fourth conference venue, the Tokyo Women's Plaza, is located directly behind UNU HQ.

The United Nations University is located on Aoyama Dori in Shibuya-ku. It is a five-minute walk from Omotesando station (Chiyoda line, Ginza line, Hanzomon line: Exit B2) or a ten-minute walk from JR Shibuya station. Nearby landmarks include the Kodomo no Shiro (Children's Castle) and the Aoyama Gakuin University.

Please refer to the map on page 98.

Registration Information

At the main conference venue, the United Nations University Head Quarters (UNU HQ), you will find the registration and information desks.

Registration opens at 17:00 – 19:00 on Monday 28 January, and again at 8:00 – 9:00 Tuesday 29 January. The information desk will be open daily from 8:00-17:00 and all questions, changes or updates about the conference will be addressed or displayed at this location.

We strongly encourage registering and paying the conference fee prior to the conference, but in the event of an onsite registration, we can only accept payment in cash. All matters that involve cash payments will be processed in the GEOC as cash transactions are prohibited from taking place in UNU HQ.

At registration, you will receive all necessary conference materials including your conference badge and in case you pre-registered for the Tokyo Excursion, also your excursion ticket. Your badge should be worn at all times throughout the conference. Your badge is required to enter the conference venues and social events.

Lunches and Coffee Breaks

Registered participants will be provided with morning (10:30 -11:00), afternoon (15:30 - 16:00) and late afternoon (17:30 - 18:00) coffee breaks in the Reception Hall located on the 2nd floor. Lunches will be provided in the Reception Hall located on the 2nd floor of UNU HQ. Please remember to bring your lunch tickets

Internet

Free wireless is available in the wireless Hot Spots. Hot Spots are located in the UNU HQ in the following areas:

Wifi connection will be available in UNU at the following Hot Spots:

- 3F UThant Hall (both inside and outside of UThant)*
- 2F Reception Hall*
- 2F Information Desk Area (outside of Reception Hall)*

*To access these points, please use this Login: ESG-Tokyo-2013-01
Password: guest-access*

- 5F Elizabeth Rose Hall (both inside and outside of Rose Hall)*
- 5F Lounge Space*

*To access these other points, please use this Login: ESG-Tokyo-2013-02
Password: guest-access*

Extra Meeting Space

If you require private meeting space please inquiry about room availability at the information desk in the Registration Area of UNU HQ.

Volunteers

There will be a number of student volunteers present at the conference venue wearing 'volunteer' badges. Please feel free to ask for help or information.

Lost Objects/Badges

Any lost objects should be reported or brought to the information desk on the 2nd floor UNU HQ. The loss of a badge should be reported immediately to the information desk to ensure that appropriate measures are taken.

In Case of an Emergency

For minor first aid needs please visit the information desk in the Registration Area of UNU HQ. In the event of a serious emergency, dial 119.

Website

To minimize the environmental impact of the conference we will not print abstracts or papers, but the Book of Abstracts and all submitted Papers are available on the conference website.

Please check the website for updates regarding the conference logistics and other announcements. All questions, changes or updates about the conference will also be displayed at the information desk in the Registration Area of UNU HQ.

<http://tokyo2013.earthsystemgovernance.org>

Contact:

Conference Manager **Erin Kennedy**

TokyoESG2013@ias.unu.edu

+81 (0)80-5075 1789

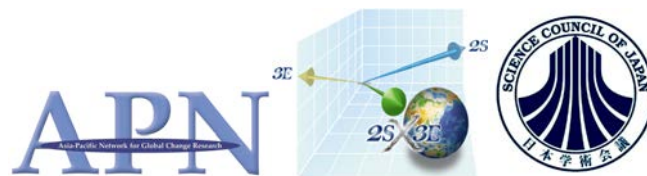
Co-hosts and Sponsors

Co-hosts



- Earth System Governance Project
- International Environmental Governance Architecture Research Group
- United Nations University Institute of Advanced Studies
- Tokyo Institute of Technology
- The Japan Foundation Center for Global Partnership (CGP)
- Institute for Global Environmental Strategies (IGES)
- Institut du Développement Durable et des Relations Internationales (IDDRI)
- Japan Science and Technology Agency (JST)
- Ministry of the Environment

Sponsors

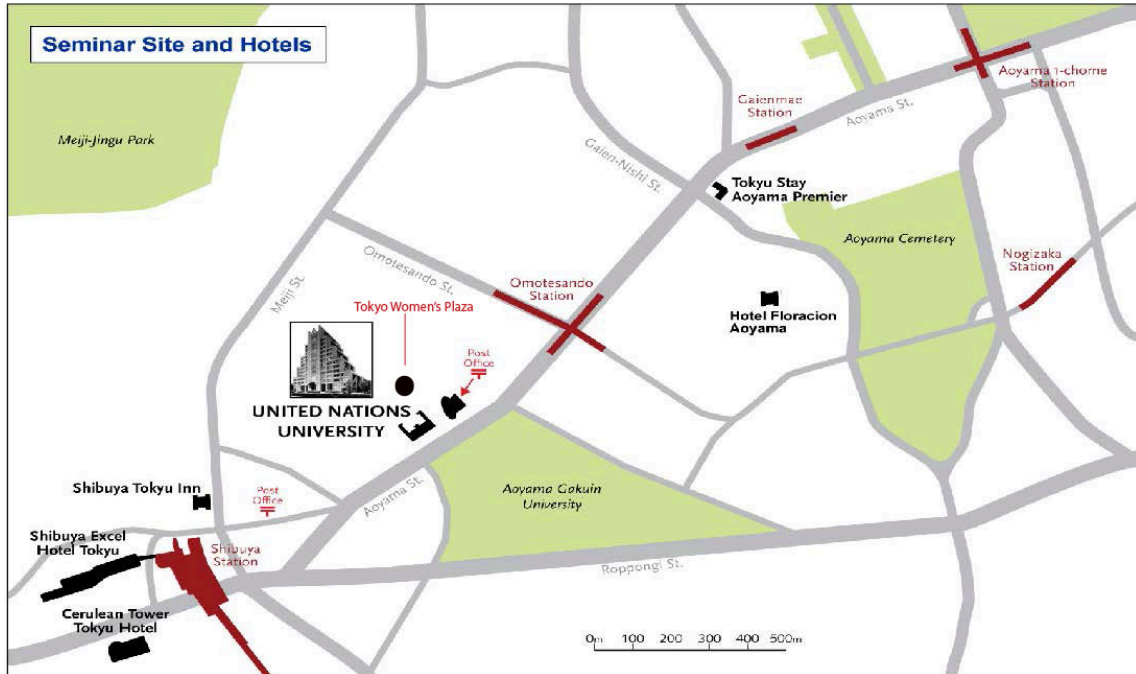


- Asia-Pacific Network for Global Change Research (APN)
- Academy for Co-creative Education of Environment and Energy Science (ACEEES)
Tokyo Institute of Technology
- Science Council of Japan

Maps

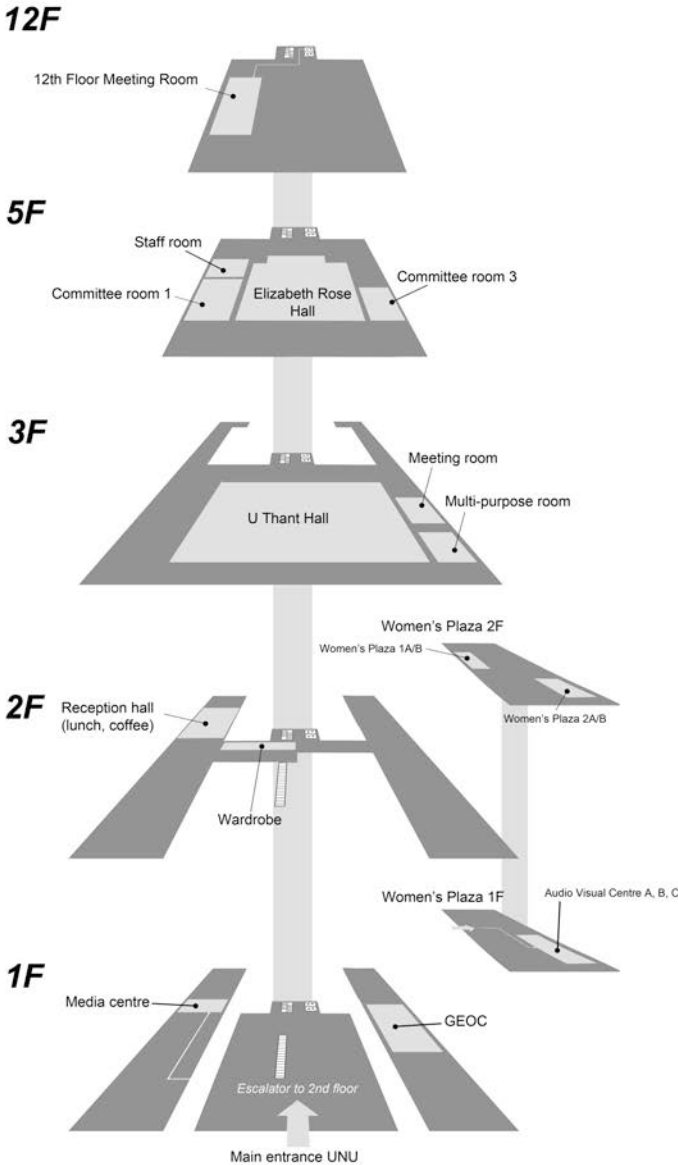
Conference Venues and Hotels:

United Nations University Headquarters and Women's Plaza
Shibuya Excel Hotel Tokyu



Venue Orientation:

UNU Headquarters – Women’s Plaza – GEOC – Media Center



ATM's

Location of ATM 's that take foreign credit cards

Seven-Eleven 7/11 (convenience store chain, many branches in Tokyo) / Citibank / Post Office

