

Siberian Federal University, Central European University, Russian State Hydrometeorological University, Earth System Governance Global Research Alliance with support of Tempus EC “Environmental Governance for Environmental Curricula”, OSI ReSET “Governance of Global Environmental Change” and Asia-Pacific Network CAPaBLE program

announce the summer school:

Scale in Earth System Governance: Local Case Studies and Global Sustainability

July 15-29, 2013, Krasnoyarsk, Russia

The Summer School will focus on the issue of scale in environmental governance, with a particular emphasis on the issues of local governance and interlinkages of local actors and institutions with existing and emerging national and global environmental regimes. In addition to classes on concepts and theories describing scale issues and their implications on environmental policies and management, the School will provide rich opportunities for practical application – about a half of the School lengths will be devoted to supervised case study research work in thematic groups, including field work in the beautiful Siberian nature.

Course directors:

Olga Tarasova, Siberian Federal University, Krasnoyarsk, Russia – *the director*

Anton Shkaruba, Central European University, Budapest, Hungary – *academic co-director*

Ruben Zondervan, Earth System Governance Project/ Lund University, Sweden – *academic co-director*

Faculty (tbc):

Katharine Farrell, Humboldt-Universität zu Berlin, Berlin, Germany

Sybille van den Hove, MEDIAN SCP / Universitat Autònoma de Barcelona, Barcelona, Spain

Ruben Mnatsakanian, Central European University, Budapest, Hungary

Hans-Peter Nachtnebel, University of Natural Resources and Applied Life Sciences (BOKU), Vienna, Austria

Ckees van Oijen, IVAM Universiteit van Amsterdam bv., Amsterdam, The Netherlands

László Pintér, Central European University, Budapest, Hungary

Eduard Podgaisky, Russian State Hydrometeorological University, St.-Petersburg, Russia

Egor Zadereev, Siberian Federal University, Krasnoyarsk, Russia

Theoretical foundations

Earth system governance is more than a problem of the regulation of the ‘global commons’ through global agreements and conventions. It is happening not only at the global level but in a variety of places and at all levels where humans shape their interaction with nature.

For research, it is important to identify whether certain findings or hypotheses apply on all scales, or are valid merely for one scale and to what extent scale influences finding. ‘Scale’ can be defined as the spatial, temporal, quantitative, or analytical dimensions used to measure or rank any phenomenon. ‘Level’ is the unit of analysis located at different positions on a scale. In sustainable

development research, there is a strong emphasis on local level studies but often these studies insufficiently address the interactions and cross-scale dynamics and the 'fit' of social (governance) to natural scales. Also, valuable approaches like 'resilience' and 'social ecological systems' (SES) recognize a hierarchical spatial organization of governance but developed on local scale, they struggle with multi-level governance and favour polycentric governance to explain questions of scale.

In addition to such rather analytical issues of scale, there is also an important additional area for research and capacity building. That is, the politics of scale. Actors like individual politicians, agencies, institutions and mechanisms are contesting and framing scales and levels by shifting issues to between scales and levels to positions which they are most influential or powerful. Such contests can be relatively direct, as in debate or argument, or through use of technologies, controlling resource access and other ways of shaping the arenas of interaction.

School design and themes:

Being centered around the main problem of scale, the School sessions will look at issues of local sustainability, which are particularly relevant for the School location, the *Krasnoyarsk Krai* of Russia. These include forestry and land-use, urban sprawl and physical planning, sustainable tourism, biodiversity conservation, access to water supply and sanitation, local strategies for adaptation and adaptive management.

The School will include the three core components: (1) introduction to the issue of scale, conceptual approaches and tools for its interpretation and analysis as well as sessions on the local issues of sustainability; (2) a short field research period (6 days) by groups consisting of at least one one participant from Russia or other Eastern European country, with fluent Russian and understanding of local context, so non-Russian speaker will be fully capable to contribute to case study research, (3) discussion of case study materials from scale-related perspectives, their integration and presentation.

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Themes of the case study research will reflect the interests of the recruited group; the organisers will be prepared to offer case studies focusing on biodiversity conservation, local energy production, waste management, water management and water supply, urban sprawl, while other topics can be considered as well in case of a strong interest from proposing groups and sufficient capacity of organisers to provide guidance, contacts and materials.

Workshop aims to help early career researchers:

- Increase their understanding of the implications of analytical and normative uncertainties associated with the problem of scale in environmental governance, in particular its manifestations at local level;
- Strengthen and expand their network with other early career researchers as well as more established experts in the Asia-Pacific region and beyond, especially networking ties with Russia and other countries of the former USSR.
- To get in-hand skills in case study research, and to collect comparative data from the Siberian context for research papers and curricula.

Who should apply?

The workshop will include three groups of participants:

1. Early-career researchers affiliated with ReSET or Tempus projects (by invitation, funded according to applicable ReSET or Tempus rules)
2. Early-career researchers from the APN region¹ (by open call in competitive selection process, funded by APN)
3. Self-funded (local) researchers as observers (by open call in competitive selection process).

The course participants shall meet the following criteria:

- hold a positions at a university, research centre, consultancy, a research-oriented NGO or an international organisation;
- have an MSc / MA or PhD degree or equivalent, preferably in multidisciplinary environmental or social sciences;
- have demonstrable experience in research, curriculum development;
- demonstrate good communication skills.

The language of instruction is English, thus all applicants have to demonstrate a strong command of spoken and written English to be able to participate in the program.

Application Process

Participants in the early-career APN group will be selected through a competitive call process based on a submitted abstract and CV. Preference will be given to candidates from developing countries in the APN region if equally qualified.

To apply, please submit the following (in word-format):

- An abstract (200-300 words) for a short paper to be presented at the workshop;
- A curriculum vitae (with list of publications).

Applications should be send electronically to the International Project Office of the Earth System Governance Project (ipo@earthsystemgovernance.org).

The organizers expect to be able to provide funding for up to 20 early-career participants from the APN region, covering travel expenses, accommodation and full catering. Logistical support will be provided for travel arrangements and visa applications.

Selected participants will need to write a short paper (1000-2000 words) about a scale issue in environmental governance in their region, prior to attending the School and to make a brief presentation on their papers at the School. Participants are encouraged to base their papers on their own research as far as possible but also to review relevant work as needed.

Deadline for applications is 25 May 2013

¹ APN member countries are Australia, Bangladesh, Bhutan, Cambodia, China, Fiji, India, Indonesia, Japan, Lao People's Democratic Republic, Malaysia, Mongolia, Nepal, New Zealand, Pakistan, Philippines, Republic of Korea, Russian Federation, Sri Lanka, Thailand, United States of America, and Viet Nam. Residents of the Pacific Island States and Singapore are also eligible.

The School venue

The venues for most sessions are at the campus of Siberian Federal University (SFU, <http://www.sfu-kras.ru/en>) on the green outskirts of Krasnoyarsk, and in the “Stolby” National Nature Reserve famous for its geology and biodiversity.

SFU’s main building has been recently renovated and has high quality facilities and technology. During the school the participants will have access to SFU’s library, printing/photocopying facilities, e-resources and campus-wide wireless network. Accommodating will be provided at SFU Dormitories.

Organising committee:

Nina Pakharkova, Siberian Federal University, Krasnoyarsk, Russia – *organizing co-director, focal point for the APN CAPaBLE project at Siberian Federal University*

Eduard Podgaisky, Russian State Hydrometeorological University, St.-Petersburg, Russia –

Anton Shkaruba, Central European University, Budapest, Hungary – *academic co-director organizing co-director, focal point for the OSI ReSET project “Governance of Global Environmental Change”*

Galina Sorokina, Siberian Federal University, Krasnoyarsk, Russia

Olga Tarasova, Siberian Federal University, Krasnoyarsk, Russia – *the course director, focal point for the EC Tempus project “Environmental Governance for Environmental Curricula” at Siberian Federal University*

Ruben Zondervan, Earth System Governance Project/ Lund University, Sweden – *academic co-director*