

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

July 15-29, 2013, Krasnoyarsk, Russia

The Schedule

Overview of the School schedule

The School will consist of the four periods:

- Introductory period – introduction to the school, sessions on theories and research methodology, presentations of case study projects; this period will start on July 15 with a formal School opening and the informal celebration, continue from July 16 to 18 with sessions by our research faculty and with case study presentations and discussions; semi-independent work on case study research plans will follow on July 18-19, and at the end of the day of July 19 the research plans will be presented and discussed. The venue for all the events in the Tourist hotel Buzim near Krasnoyarsk; on the 19th we all will also move to the city Krasnoyarsk, and on the 20th do some sightseeing.
- Field trip period – it will focus on field research in nature reserve Stolby and nature park Ergaki (departure to Stolby on the 21st, and to Ergaki on the night of 20th by a night bus), and also in the city of Krasnoyarsk and its close neighbourhood. All the field research (including interviews and archive search) shall be finished by July 25.
- Consultations and analysis – this period will start with a day of scheduled consultations with resource faculty on the 26th and a session by Katherine Farrell on the issue of scale in environmental governance. July 27 is the day for independent work and preparing research reports and presentations. The venue for all the activities is the campus of the Siberian Federal University.
- Graduation and closure – this is planned for July 28. All the case study groups will present on seminar arranged at the Siberian Federal University. Formal closure and farewell dinner will follow. The day of departures is July 29 (except the ReSET group departing on July 30).

The detail schedule

July 15, Monday

Arrivals, checking in (Tourist Hotel “Buzim”), independent preparations to the wrapping up session

18.00-19.00: Formal opening and presentation of the Spring School and workshop, introduction of the faculty (*all the faculty*)

Starting 19.00: Ice breaker dinner

July 16, Tuesday

10.00-11.40: Presentations by the participants (*the faculty, participants*)

11.40-12.00: Coffee break

12.00-13.00: Presentations by the participants (*the faculty, participants*)

13.00-14.00: Lunch break and space for informal interactions

14.00-15.30: Environmental protection in fUSSR and Russia – an overview and lessons not learned (*Ruben Mnatsakanian*)

15.30-16.00: Coffee break

16.00-18.00: Intro to the issue of scale in environmental governance; Technologies of scale: From Schumacher to current practice (*Ayşem Mert*)

18.30: Dinner

July 17, Wednesday

10.00-11.40: Mini-hydropower facilities – technology, environmental and social costs (*Hans-Peter Nachtnebel*)

11.40-12.00: Coffee break

12.00-13.00: Sustainability partnerships – issues of scale (*Ayşem Mert*)

13.00-14.00: Lunch break and space for informal interactions

14.00-15.30: Urban morphology and a Soviet city (*Anton Shkaruba*)

15.30-16.00: Coffee break

16.00-16.40: Case study presentations and discussion – Sustainable Urban Planning

16.40-17.20: Case study presentations and discussion – Wildlife-Human Conflicts

17.20-18.00: Case study presentations and discussion – Renewable Energy



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18.30: Dinner

July 18, Thursday

10.00-10.40: Case study presentations and discussion – Waste Management

10.40-11.20: Finalising case study choices, preliminary consultations

11.20-11.40: Coffee break

12.00-13.00: Case study research in environmental governance – setting objectives and achieving them
(*Sybille van den Hove*)

13.00-14.00: Lunch break and space for informal interactions

14.00-15.00: Case study research in environmental governance – setting objectives and achieving them
(*Sybille van den Hove*)

15.00-16.00: Independent work on research plans, consultations

16.00-16.20: Coffee break

16.20-18.20: Independent work on research plans, consultations

18.30: Dinner

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July 19, Friday

9.00-11.20: Independent work on research plans, consultations

11.20-11.40: Coffee break

11.40-13.00: Independent work on research plans, consultations

13.00-14.00: Lunch break and space for informal interactions

14.00-15.40: Presentations of research plans (Urban Planning, WLH conflicts)

15.40-16.00: Coffee break

16.00-17.00: Presentations of research plans (Waste Management, Renewable Energy, Mini-Hydropower)

17.00-18.00: Additional consultations, acting on the feedback received

18.30: Departure for Krasnoyarsk

19.30: Dinner

July 20, Saturday

An excursion (more details will be available later)

July 21-25

Field research period (see the overview above)

July 26-27

In-city research

July 26, 15.00-16.30: Complexity, scale and environmental governance – conceptual wrap-up (*Katharine N. Farrell*)

July 26, 16.30-17.30: Scheduled consultations with the school faculty

July 28, Sunday

9.00-11.40: Independent work on presentations, consultations

11.40-12.00: Coffee break

12.00-13.00: Presentation of findings: Renewable Energy, Waste Management

13.00-14.00: Lunch break and space for informal interactions

14.00-15.30: Presentations of findings: WLH conflicts, Urban Planning, Mini-Hydropower

15.30-16.00: Coffee break

16.00-16.30: Wrapping up and closure

17.00-19.00: City tour

19.30: Graduation Dinner

July 29, Monday

Departures of APN participants

Program for the ReSET group only (9.00-15.30; to be announced later)

July 30, Sunday

Departures of ReSET participants

Case studies

1. ***Sustainable urban planning in Krasnoyarsk*** – most of its history the city has been developed according to master plans prepared and implemented in a very top-down manner; this did not prevent it from never-ending transport collapse of nowadays, and from the evil question of many cities – “where to grow?” – large spaces in the city, including the areas next the very downtown are occupied by large industrial facilities, and many of those either extremely difficult to move, or require large investments to ecological remediation; there are other options for brownfield development, but those come with many social and economic problems. Greenfield development is problematic too, because most of the available options involve large infrastructure costs or compromise local or even some of the national nature conservation objectives. The case study research can focus on the comparative analysis of brownfield and greenfield development as strategies for city growth; analysis of options, potential of remediation and rehabilitation techniques for polluted formerly industrial and disposal areas, infrastructure development on remote greenfields, regeneration of the downtown area and old residential areas, locations for new industrial facilities, land-use conflicts and problems of communication, governance of urban forests and other open spaces etc.
2. ***Mini hydropower facilities in the region*** – few attempts have been made to develop mini hydropower in Siberia that did not work. Possible research objectives can be related to the following questions: Is innovation successful and competitive with traditional ways of energy production in remote areas? What are barriers and constraints, and how they can be overcome? What are the possible environmental and social costs and how it compares to conventional ways, how it can be governed? The field work will be done in Krasnoyarsk and nature Park Ergaki (1-2 persons); other field trip destinations around Krasnoyarsk are considered too.
3. ***Sustainable tourism and waste management in nature preserves*** in the region – that would include case studies in Stolby* and Ergaki** nature parks; what are the issues, how they can be governed, what are the lessons learned and possible solutions under the growing number of visitors (and with even more growth expected), cross-sectoral issues and interactions, multiple governance layers emerging over the conflict.
4. ***Human-wildlife conflicts in Southern Siberia*** - case studies in nature parks Stolby* and Ergaki**; issues of poaching, attacks/dangerous presence of predatory species, conflicts over crops and livestock; intersectoral issues, stakes of local communities and regional or federal authorities/public interests, lessons learned and directions for the future.
5. ***Energy efficiency in housing sector*** in Krasnoyarsk – continental climate brings to Krasnoyarsk hot summers and extremely cold winters; why the initiatives are so slow to develop, what are the options for speeding up the process in the city, what are the barriers, constraints and the opportunities, and how the issue is seen and governed at different levels. The whole case study project is planned in Krasnoyarsk, although other towns in the neighborhood can be considered too.



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