

# Monitoring and Early Warnings in Biodiversity Governance

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## Мониторинг и раннее предупреждение рисков в управлении биоразнообразием

*Krasnoyarsk-Ergaki, Russia, July 10-24, 2016*

*The School is organised under the EC Jean-Monnet module «Systems for monitoring and responses to early warnings – EU experience for Russia»*



*Grigory Prokopov (c)*

**The aim** of the Summer School is to discuss the issues of monitoring, reporting and verification for better biodiversity governance. In particular, we will pay attention to early warnings, their timely recognition and communication to decision-makers. This discussion will be primarily based on EU experience. It will be analysed for its applicability in Russian (in particular Siberian) socio-economic, political and biophysical context.

The School program will include the following components:

- training and discussions: lectures and workshops by the academic staff of Siberian Federal University (SFU) and the international faculty:
  - Principles and terminology of natural resource governance
  - Systems for monitoring, reporting and verification in biodiversity governance
  - Science-policy interfaces and communication issues in biodiversity governance
  - Policy transposition and implementation deficits
  - Adaptive governance of biodiversity – principles and implementation issues
  - Policy framework for biodiversity conservation: EU directives (Natura 2000, Bird), Bern Convention, Emerald network and implementation issues
  - Field and desk social science methodology and research tools for the analysis of biodiversity governance
- research:
  - development of group research plans in consultation with the School faculty, including the identification of aims and objectives, choice of methodology; panel discussion of research plans
  - group research in the Ergaki Nature Park
  - desk research in Krasnoyarsk;
- research seminar: presentation of group findings and their discussion with the School faculty and representatives of stakeholder groups.

The training and research planning periods will be organised at the main campus of Siberian Federal University in Krasnoyarsk and in the Ubei field base by the celebrated Krasnoyarsk water reservoir. For the research period, the participants and the faculty will travel to Ergaki Nature Park (c.a. 600 km south to Krasnoyarsk). For the desk research and the presentations, the group will move back to Krasnoyarsk.

As a part of the Summer School program, we will organise a one-day **conference for early-stage researchers** titled “*Monitoring systems and recognition of early warnings for biodiversity governance in forest and mountainous ecosystems*”. The conference objective is to provide the School participants an opportunity to present their research methodology and findings to the fellow participants as well as to the panel assembling the academic staff from SFU, the Institute of Forest of the Siberian Branch of the Russian Academy of Sciences, and international experts.

**The School working languages** are English and Russian. At any rate, we will do our best to eliminate the language barrier.

We will also do our best to create intellectually stimulating, creative and stress-free working and living environments. It is of utmost importance to us that the School participants not only receive useful knowledge and add new contacts to their networks, but also enjoy the nature of the Region of Krasnoyarsk and have rest. The Ubei field base by the Krasnoyarsk Sea offers attractive scenery and good sport facilities. Ergaki Nature Park is known as one the Russia’s most beautiful landscapes, and this is for reason. The park also offers great hiking opportunities. We will work on achieving good work-life balance, so the Summer School will leave unforgettable impressions.

### What happens next?

All the presentations will be followed up by structured feedback and recommendations for further work on research findings to bring them into a publishable form. Subject to the quality of findings, the School faculty will discuss options for joint publications in Russian and international peer-reviewed journals and/or for inviting contributions to a textbook on systems for monitoring, reporting and verification.

**The School target audience** are senior bachelor's students, master's and starting PhD students, as well as governmental officers, environmental activists and anyone interested in biodiversity governance and applications of the EU experience in Russia.

### How to apply

In order to participate in the Summer School, you need to submit a short (1 page max) CV and the application form. If your academic or professional background are not related to the topics of the School, you would also need to submit a short (up to 3000 characters) statement explaining your purpose and intentions in relation to the School.

**Special extended application deadline is May 15, 2016**; it is valid only for those, who do not need entry visa to the Russian Federation.

The latest information about the school and the application procedure is available from: <http://www.sfu-kras.ru/en/education/courses/ecological-school>

### The School Faculty:

Ruben Zondervan, Lund University (Lund, Sweden)

Ruben Mnatsakanian, Central European University (Budapest, Hungary)

Anton Shkaruba, Central European University (Budapest, Hungary)

Viktar Kireyeu, Erda RTE (Rijswijk, the Netherlands)

Olga Likhacheva, Pskov State University (Pskov, Russia)

Nina Pakharkova, Siberian Federal University (Krasnoyarsk, Russia)

Galina Sorokina, Siberian Federal University (Krasnoyarsk, Russia)

Tatiana Shashkova, Siberian Federal University (Krasnoyarsk, Russia)

### Contacts:

- logistics, accommodation, applications, and enrolment: Nina Pakharkova, [nina.pakharkova@yandex.ru](mailto:nina.pakharkova@yandex.ru)
- academic planning and research: Anton Shkaruba, [shkarubaa@ceu.edu](mailto:shkarubaa@ceu.edu)

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## Schedule of the summer School “Monitoring and Early Warnings in Biodiversity Governance”

### July 10, Sunday

- arrivals, course registration, checking-in in the dormitory of Siberian Federal University in Krasnoyarsk

### July 11, Monday

10.00 – opening ceremony; welcome by a top representative of Siberian Federal University (tbc), presentation of the Summer school, including the academic component (Anton Shkaruba), house rules (Nina Pakharkova) and logistics (Galina Sorokina)

10.30 – 11.30 – Development of biodiversity and landscape planning in Russia and the European Union: convergence and applicability (Ruben Mnatsakanian)

11.30 – 12.00 – coffee-break

12.00 – 13.30 – EU environmental policies and politics in the global context (Ruben Zondervan)

13.30 – 14.30 – lunch

14.30 – 19.00 – sightseeing tour to the city of Krasnoyarsk, village of Ovsianka, Krasnoyarsk hydropower plant

19.00 – 20.00 - dinner

### July 12, Tuesday

9.00 – departure to the Ubei field base of SFU, checking-in

- introduction of the participants, identification of joint research interests, getting together research groups (the specific time slots will be determined upon the arrival to the camp and the checking-in)

### July 13, Wednesday

9.00 - 9.40 – breakfast

10.00 - 11.30 – Social-ecological monitoring and monitoring of early warnings – introduction and the conceptual framework (Anton Shkaruba)

11.30 – 12.00 – coffee-break

12.00 - 13.30 – Biodiversity conservation policy and biodiversity monitoring in Russia (Olga Likhacheva, Ruben Mnatsakanian, Viktor Kireyev)

13.30 – 14.30 – lunch

14.30 – 16.00 – Science-policy interfaces, uncertainty, the precautionary principle and risk management (Anton Shkaruba, Viktor Kireyev)

16.00 – 16.30 – coffee break

16.30 – 17.00 – Introduction to group projects (all the faculty)

17.00 – 18.30 – identification of project topics (all the faculty)

19.00 – 20.00 – dinner

### July 14, Thursday

9.00 - 9.40 – breakfast

10.00 - 11.30 – Natura 2000 and Bern Convention (Anton Shkaruba)

11.30 – 12.00 – coffee-break

12.00 - 13.30 – Biogeographical seminars – a role play (Olga Likhacheva, Viktor Kireyev)

13.30 – 14.30 – lunch

14.30 – 16.00 – Monitoring, reporting and verification systems in biodiversity conservation (Anton Shkaruba)

16.00 – 16.30 – coffee break

16.30 – 18.30 – Group work on group research proposals (all the faculty)

19.00 – 20.00 – dinner

#### July 15, Friday

9.00 - 9.40 – breakfast

10.00 - 11.30 – Scenarios; sociological research methods in biodiversity management (Ruben Mnatsakanian, Olga Likhacheva, Viktor Kireyev)

11.30 – 12.00 – coffee-break

12.00 - 13.30 – Group work on group research proposals (all the faculty)

13.30 – 14.30 – lunch

14.30 – 16.00 – Group work on group research proposals (all the faculty)

16.00 – 16.30 – coffee break

16.30 – 18.30 – Presentation of the research proposals; a feedback session (all the faculty)

19.00 – 20.00 – dinner

#### July 16, Saturday

- transfer to Ergaki Nature Park, checking-in, rest, consultations with the faculty

#### July 17-19, from Sunday to Tuesday

- work on group research projects, consultations with the faculty, hiking tour

#### July 20, Wednesday

##### **Monitoring systems and recognition of early warnings for biodiversity governance in forest and mountainous ecosystems**

Conference for early-stage researchers

9.00 - 9.40 – breakfast

10.00 - 11.30 – Opening of the Conference, keynote speeches, plenary discussion

11.30 – 12.00 – coffee-break

12.00 - 13.30 – Panel 1

13.30 – 14.30 – lunch

14.30 – 16.00 – Panel 2

16.00 – 16.30 – coffee break

16.30 – 18.00 – Panel 3

18.00 – 18.30 – concluding remark, the closure

19.00 – 20.00 – dinner

#### July 21, Thursday

- transfer to Krasnoyarsk, check-in to the campus of Siberian Federal University, consultations

#### July 22, Friday

10.00 - 11.30 – Desk research by project groups; consultations with the faculty

11.30 – 12.00 – coffee-break

12.00 - 13.30 – Desk research by project groups; consultations with the faculty

13.30 – 14.30 – lunch

14.30 – 16.00 – Desk research by project groups; consultations with the faculty

16.00 – 16.30 – coffee break

16.30 – 18.30 – Desk research by project groups; consultations with the faculty

#### July 23, Saturday

10.00 - 11.30 – Presentations by research groups, panel discussion

11.30 – 12.00 – coffee-break

12.00 - 19.00 – excursion to the nature park “Stolby”

19.00 – 21.00 – farewell dinner

#### July 24, Sunday

- departures



*Anton Shkaruba (c)*