

**The climate regulating role of forest-bog ecosystems:
landscape-ecological and social aspects**

Agenda of the trilateral seminar

First Day (Mon, 10.05.10) - Welcome at Hamburg University and visits of facilities of the University and DKRZ

Venue 1: Institute of Soil Science, lecture hall ground floor, Allende-Platz 2 22459 Hamburg

11.00 Face-to-face acquaintance, welcome for Russian delegation

Eva-Maria Pfeiffer and Lars Kutzbach: Welcome, presentation of the University of Hamburg and the Institute of Soil Science, B.Sc. and M.Sc. study programs "Geosciences"

Oliver Dilly: Presentation of the School of Integrated Climate System Sciences (SICSS)

12.00-13.00 Visiting the laboratories of the Institute of Soil Science

13.00-14.00 Lunch break

14.00-15.00 Talk of Prof Dr. Vladimir Romanovsky: "Observations and modeling of permafrost" at Venue 3: KlimaCampus, Grindelberg 5, 20144 Hamburg, Room 008

15.00-16.00 Walk around the university campus

16.00-17.00 DKRZ (German High Performance Computing Centre for Climate- and Earth System Research)

Second Day (Tue, 11.05.10) – Meeting with representatives of Hamburg Authority

8.00 Bus at Mercure Hotel, 8.30 Bus at IBIS Hotel

9.30-12.00 Presentation of the federal research institute Johann Heinrich von Thünen Institute for World Forestry (Mr. Ulrich Bick and colleagues)

12:00-14:00 Transport back to venue 1, lunch break

14.00-16.00 Presentations of the Agency for Urban Development and Environment of the City of Hamburg (BSU)

Venue 1: Institute of Soil Science, lecture hall ground floor, Allende-Platz 2 22459 Hamburg

14.00-14.10 Prof. Dr. Eschenbach: "Address of Welcome"

Trilateral Seminar "The climate regulating role of forest-bog ecosystems: landscape-ecological and social aspects"

14.10-14.30 Prof. Dr. Dr. Sanden: "Welcome and Presentation of the Ministry of Urban Development and Environment of the Free and Hanseatic City of Hamburg"

14.30-15.00 Dipl.-Geol. Thomas Haupt: "Approaches to remediation of contaminated sites"

15.00-15.20 Dr. Ralf Kilger: "Remediation of contaminated sites in the port of Hamburg: 3 case studies"

15.20-15.40 Discussion

15.40-16.00 Coffee Break

Third Day (Wed, 12.05.10) – Scientific Seminar

Venue 1: Institute of Soil Science, lecture hall ground floor, Allende-Platz 2 22459 Hamburg

09.00-12.00

Face-to-face acquaintance, welcome speeches, discussion of socio-economic impact of environmental problems

09.00-09.20

Lars Kutzbach: Welcome speech of host university

09.20-9.40

Eva-Maria Pfeiffer, Directress-general of the Institute of Soil Science, Dean of the School of Integrated Climate System Sciences, and member of the Scientific Steering Committee of the Excellence Cluster CliSAP: Address of welcome, short presentation of the excellence cluster

09.40-10.00

Boris Mozgolin, Deputy Governor of Tomsk Oblast, Chief of the Economy Department of Regional Administration of Tomsk Oblast: "Introductory words from the Russian Side"

10.00-10.10

Vladimir V. Kovalev - Director of Joint International Programs Division, International Relations Department, Russian Foundation for Basic Research: "Trilateral cooperation Russia, France, Germany"

10.00-10.30 Discussion on social-economic impact of environmental problems on the regional development

10.30-10.50 Coffee break

10.50-11:30 Overview of Russian, French and German projects on "The climate-regulating role of forest-bog ecosystems: landscape-ecological and social aspects"

10.50-11.10 *Sergey Kirpotin*: Overview of projects and participants from the Russian side

11.10-11.30 *Alexei Kouraev/Oleg Pokrovski*: Overview of projects and participants from the French side

11.30-11.50 *Lars Kutzbach*: Overview of projects and participants from the German side

11.50-12.10 Discussion on tasks and expected results of presented projects

12.10-13.30 Break for lunch

Trilateral Seminar "The climate regulating role of forest-bog ecosystems: landscape-ecological and social aspects"

13.30-14.50 Presentation and discussion of RFBR-CRNS projects in West Siberia (Russian side)
13.30-13.50 *Boris Mozgolin, Elena Akerman, Alexandr Ksentz*: Presentation of the project "Social, economical and environmental aspects of greenhouse gases emission in forest-bog ecosystems of boreal zone"
13.50-14.10 *Sergey Kirpotin*: "West Siberian wetlands as indicator and regulator of climatic changes on the global scale"
14.10-14.30 *Alexandr Berezin & Vladimir Bazanov*: "The phytoindication method for mapping peatlands in the taiga zone of the West-Siberian Plain"
14.30-14.50 Discussion on tasks and expected results of presented projects.

14.50-15.10 Coffee break

15:10-17:00 Presentation and discussion of research of German partners
15:10-15:30 *Karen Helen Wiltshire & Ingeborg Bussmann*, AWI-BAH "Fragile Arctic coasts: Changes in the Lena Delta and coastal system"
15:30-15:50 *Kai Jensen*, University of Hamburg: "Climate change impact studies in ecosystems of Northern Germany"
15.50-16.10 Discussion on tasks and expected results of presented projects

Forth Day (Thu, 13.05.10) – Scientific Seminar

Venue 2: Centre for Marine and Atmospheric Sciences ZMAW, lecture hall 022/023, Bundesstr. 53, 20146 Hamburg

9.00-10.20 Presentation and discussion of research of Russian partners
9.00-9.20 *Andrey Babenko*: "The agricultural pests of Western Siberia in a changing climate"
9.20-9.40 *Svetlana Evgrafova*, Sukachev Institute of Forest Krasnoyarsk: "Heterotrophic respiration rates, structure and density of soil microbial populations for a Central Siberian Scots pine forest: summer versus winter"
9.40-10:00 *Nina Mironycheva-Tokareva & Lidia Kirpotina*: "The carbon and macroelement budget in the bog ecosystems of Western Siberia"
10.00-10.20 Discussion on tasks and expected results of the project

10:20-10:40 Coffee Break

10.40-12.00 Presentation and discussion of RFBR-CRNS projects in West-Siberia (French side)
10.40-11.00 *Oleg Pokrovski*: "Biogeochemistry of thermokarst lakes: field observations and laboratory modelling"
11.00-11.20 *Stephane Audry*: "Geochemistry of sediments from thermokarst lakes"
11.20-11.40 *Alexei Kouraev*: "Application of remote sensing for studies of hydrological and cryospheric regime of Western Siberia"
11.40-12.00 Discussion on tasks and expected results of presented projects

Trilateral Seminar "The climate regulating role of forest-bog ecosystems: landscape-ecological and social aspects"

12.00-13.30 Break for lunch

13.30-14.50 Presentation and discussion of research of German partners
13.30-13:50 *Matthias Drösler*: "GHG-balance and climate mitigation options of the peatlands in Germany"
13.50-14.10 *Lars Kutzbach, University of Hamburg*: "Peatland carbon dynamics on multiple scales: Combining eddy covariance and chamber methods"
14:10-14:30 *Christian Blodau, University of Bayreuth and University of Guelph, Canada*: "The impact of drainage on ecohydrological and biogeochemical processes at the Mer bleue peatland, Ontario, Canada"
14:30-14:50 Discussion on tasks and expected results of presented projects

14.50-15.10 Coffee Break

15.10-17.00 Round table discussion and development of the basic directions of strategy and forms of cooperation of the Russian-French-German participants, including discussion of the mechanisms of information exchange
17:00-17.20 Summary of round table discussion

19:00 Joint dinner (sponsored by the Excellence Cluster CliSAP)

Location: Museumshafen – Café on the D.E.S Bergedorf
Ponton Neumühlen, 22763 Hamburg
<http://museumshafencafe.de/>

Fifth Day (Fri, 14.05.10) – Presentations

Venue 2: Centre for Marine and Atmospheric Sciences ZMAW, lecture hall 022/023,
Bundesstr. 53, 20146 Hamburg

9.00-11.00 Presentation and discussion of research of French and German partners
9.00-9.20 *Jerome Viers* - "Trace elements geochemistry of Western Siberia vegetation"
9.20-9.40 *Maria Kolmakova* - "Ecological and hydrological indicators of natural regime of the Western Siberia wetlands"
9.40-10.00 *Larisa Nazarova, Alfred Wegener Institute Potsdam*: "Implementation of biological indicators for estimation of climate-related environmental changes"
10.00-10.20 Discussion on tasks and expected results of presented projects

10.20-10.40 Coffee break

11.20-13.00 Presentation and discussion of peatland research of German partners
11.20-11.40 *Stephan Glatzel, University Rostock*: "Dissolved organic carbon properties and their relationship to carbon dioxide efflux from restored peat bogs"
11.40-12.00 *Norbert Hölzel, University Münster*: "Sustainable land management as a contribution to peat conservation in south-western Siberia"
12:00-12:20 *Hans Joosten* "Are GHG emission reductions from peatland restoration measurable, reportable, verifiable – and tradable?"
12.20-12.40 Discussion on tasks and expected results of presented projects

Trilateral Seminar "The climate regulating role of forest-bog ecosystems: landscape-ecological and social aspects"

12.40-14.00 Lunch break

14.00-15.00 Round table discussion and development of the basic directions of strategy and forms of cooperation of the Russian-French-German participants, including discussion of the mechanisms of information exchange

15.00-16.00 Summary of round table discussion and of scientific seminar as a whole

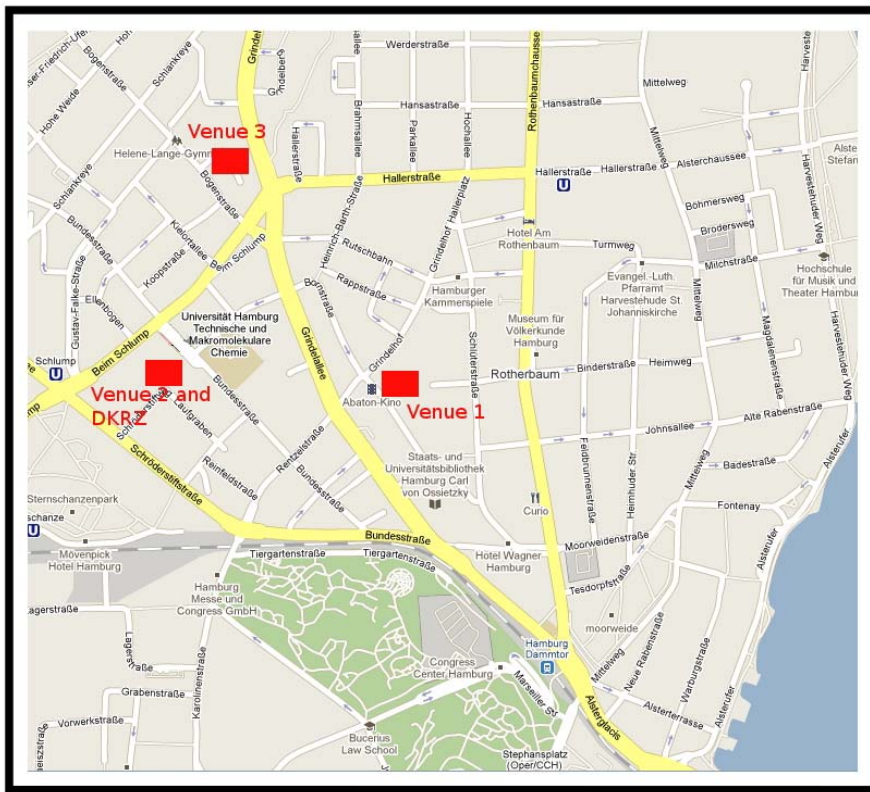
Sixth Day (Sat, 15.05.10) – Field excursion

All-day Excursion to wetland ecosystems in Northern Germany for acquaintance with realization of field measurement research and sampling:

Hütelmoor near Rostock (working group of Stephan Glatzel)

Zarnekow at the Peene Valley (working groups of Jürgen Augustin and Lars Kutzbach

8:30 meeting, back at **19:30**



Map of the university campus area and locations of venues

Trilateral Seminar "The climate regulating role of forest-bog ecosystems: landscape-ecological and social aspects"

Addresses of the hotels IBIS and Mercure:

Hotel Ibis Hamburg Airport
Alsterkrugchaussee
22335 Hamburg
Germany
Tel : (+49)40/219890, Fax : (+49)40/21989555

Mercure Hotel Hamburg
Schröderstiftstraße 3
20146 Hamburg
Tel:+4940450692914, Fax:+4940450692940. email: h5394-re@accor.com