



The 3th International Field Symposium: West Siberian Peatlands and Carbon Cycle: Past and Present

WSPCC 2011

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Third International Field Symposium
**WEST SIBERIAN PEATLANDS AND CARBON CYCLE:
 PAST AND PRESENT**
 June 27 - July 5 2011
 Khanty-Mansiysk, Russia

http://en.ugrasu.ru/international/WSPCC_2011/

Dear colleagues,

We invite you to participate in **WSPCC 2011 – Third International Field Symposium «WEST SIBERIAN PEATLANDS AND CARBON CYCLE: PAST AND PRESENT»**

The objectives of the Symposium is to exchange knowledge in the fields of peat accumulation and paludification, protection of the biodiversity and of biospheric functions of mires, ecological monitoring of peatland ecosystems, the role of peatlands in the global carbon

cycle, and evaluation of the anthropogenic activities related to the exploration and exploitation of natural gas and oil on the functioning of peatland ecosystems and furthermore on the introduction of the contemporary technologies of the wise use of natural resources.

Basic scientific directions of the Symposium:

1. Paleo-ecology
2. Actual ecology and biodiversity
3. Primary production and peat accumulation
4. Greenhouse gas emission and Carbon cycling
5. Climate change and permafrost
6. Eco-hydrological modeling
7. Anthropogenic impact and restoration

**For the participation in the field Symposium and the Excursions it is necessary:
Before January 31, 2011.**

1. To complete the electronic participant form on the web-site of the UNESCO Chair at Yugra State University http://en.ugrasu.ru/international/WSPCC_2011/ or to send filled registration form by electronic to mail to the address: s.zamilova@ugrasu.ru

Before March 30, 2011.

2. Submit your abstracts of oral paper or poster, according to the requirements of the conference abstract book.

Organizers of the Symposium

- Yugra State University, Khanty-Mansiysk;
- Surgut State University, Surgut
- Institute of Forest Science, Russian Academy of Sciences (ILAN), Moscow
- Institute of Soil Science and Agrochemistry, Siberian Branch of the Russian Academy of Sciences, Novosibirsk;
- Department of Ecology of the Khanty-Mansiysk Autonomous Region, Khanty-Mansiysk;
- Department of Public Relations of Khanty-Mansiysk Autonomous Region, Khanty-Mansiysk;

Organizational and financial support

- Oil company “Salym Petroleum Development NV”
- Oil company “Surgutneftegaz”
- Department of Ecology of Khanty-Mansiysk Autonomous Region;
- Department Public Relations of Khanty-Mansiysk Autonomous Region;
- Russian Foundation for Basic Research (RFBF);
- Siberian Research and Designed Institute for Efficient Nature Management, Nizhnevartovsk
- International Mire Conservation Group (IMCG);
- Peatland Ecosystem Analysis and Training Network (PEATNET), USA;
- Project: “International Network for Terrestrial Research and Monitoring in the Arctic, INTERACT” (FP7, European Union).

Program Committee:

Komarova N.V., Governor of Khanty-Mansiysk Autonomous Region - Yugra
Kostyukhin B.A., Director of the Department of Ecology of Khanty Mansiysk Autonomous Region - Yugry
Kompasenko E.I., YSSE Manager, Oil company "Salym Petroleum Development NV"
Rector of Yugra State University, Khanty-Mansiysk, Russia;
Kosenok S.M., Rector of Surgut State University, Surgut, Russia
Minaeva T., Federal Centre of Geoecological Systems (FCGS "Ecology"); Wetlands International, Moscow, Russia;
Baykov K.S. Director of the institute of Soil Science and Agrochemistry, Siberian Branch of the Russian Academy of Science, Novosibirsk, Russia;
Lopatin K.I., Director, Research and Designed Institute for Efficient Nature Management, Nizhnevartovsk, Russia
Kirpotin S.N., Pro-rector, Tomsk State University, Russia
Schulze E.D; Prof of Max Planck Institute of Biogeochemistry, Jena, Germany;
Joosten H; Prof., Secretary General of the International Mire Conservation Group (IMCG), Greifswald University, Germany;
Wieder R. K., Prof., Faculty of Biology, University of Villanova, USA;
Vasander H., Prof.; Department of Botany, University of Helsinki, Finland;
Jansen A., J.M; Union of Forest Management and Protection of the Netherlands, The Netherlands;
Laggoun-Defarge F; Coordinator of the project PEATWARM, University of Orleans, INSU-CNRS, France;
Panov V.V., Prof., Tver State University, Russia
Mironycheva-Tokareva N.P., Institute of Soil Science and Agrochemistry, Siberian Branch of the Russian Academy of Sciences, Novosibirsk, Russia;
Filatova O.E., Prof., Surgut State University, Russia

Chairman of the Symposium

Vomperskiy S.E., Academician of Russian Academy of Science, Institute of Forestry of Russian Academy of Science (RAS), Moscow, Russia

Co-Chairmen:

Sirin A.A., Director, Institute of Forest Science, Russian Academy of Sciences (ILAN), Moscow, Russia;
Bleuten W., Prof. Utrecht University, the Netherlands; Yugra State University, Russia;
Lapshina E.D., Prof., Yugra State University, Russia.

Secretaries:

Zamilova, Svetlana, Yugra State University, Khanty Mansiysk, Russia (organizational questions, connected with the visa support, travel and accommodation) – s_zamilova@ugrasu.ru
Koronatova, Natalia, Institute of Soil Science and Agrochemistry, Siberian Branch of the Russian Academy of Sciences, Novosibirsk, Russia; (abstract book) – symp2011@ngs.ru

Working language

Working languages of the symposium are Russian and English.

The forms of the reports

Within the framework of the Symposium plenary, sectional and poster reports are planned.

Basic dates:

Until **January 31, 2011**: Submission of Forms for participation in the Symposium and Titles of reports for compiling the Program of Symposium.

Until **March 30, 2011**: Submission of Abstracts (maximum 4 pages) for including in the Symposium book.

Publication of abstracts and papers

The abstracts of papers and posters will be published after the registration and payment of the Symposium fee. A Symposium book will be prepared before the beginning of the Symposium and hand over to the participants at arrival.

Authors of papers, selected by Program committee, will be invited for full paper publication in the Journal "Environmental Dynamics and Climate Change" (EDCC) after the Symposium. Requirements for the formulation of the texts of reports will be brought to information of the authors additionally.

Registration Fee

For foreign participants:

Complete – **300 Euro**, accompanying persons – **150 Euro**, graduate students – **100 Euro**.

For participants from Russia and CIS countries:

Complete – **2000 Rub**, graduate students – **700 Rub**.

The registration fee should be transfer to the following bank account:

For Euro payments

Correspondent bank - JPMorgan Chase bank, Frankfurt am Main, Germany

SWIFT: CHAS DE FX

Beneficiary's bank - BANK OF KHANTY-MANSIYSK, RUSSIA, KHANTY-MANSIYSK

SWIFT: KHAN RU MM

ACC: 6231606531

Beneficiary - BANK OF KHANTY-MANSIYSK

Account Transfer № 40817810600010090141 ELENA LAPSHINA

For USD payments:

Correspondent bank - JPMorgan Chase bank, New York, USA

SWIFT: CHAS US 33

Beneficiary's bank - BANK OF KHANTY-MANSIYSK, RUSSIA, KHANTY-MANSIYSK

SWIFT: KHAN RU MM

ACC: 400124505

Beneficiary - BANK OF KHANTY-MANSIYSK

Account Transfer № 40817810600010090141 ELENA LAPSHINA

Participants who for valid reasons are unable to pay fee before the Symposium may request by e-mail for cash payment at the beginning of the Symposium to Symposium Organizing Committee.

Registration fee includes the coffee-breaks, the 2-days excursion during the Symposium, Symposium diner, and publication of Symposium materials (abstract book).

Fees do not include accommodation costs and meals (except for the Symposium diner).

SYMPOSIUM PROGRAM

June 26	Arrival of participants in the Symposium		Registration and the accommodation
June 27	Plenary meeting		
	10:00	10:30	Opening ceremony of the Symposium
	10:30	11:30	Plenary reports
	11:30	11:50	Coffee break
	11:50	13:00	Plenary reports
	13:00	14:30	Lunch
	Sectional reports		
	1. Ecology and Biodiversity of the Mires of the Northern regions		
	14:30	16:00	Section reports
	16:00	16:30	Coffee break, poster session
	16:30	18:00	Section reports
	18:00		Free time
June 28 -29	Excursion A	Departure: 9:00	2-days Excursion to the experimental Field site "Mukhrino" at the International Field Station of the UNESCO Chair of Yugra State University Visit of mires and wetlands within the Irtysh River floodplain and oligotrophic mire complex system – typical for the Middle taiga of West Siberia; acquaintance with the results of scientific studies.
June 30	Sectional reports		
	2. Carbon Accumulation of Greenhouse gases Emission of the Northern peatlands		
	3. Up-to-date Technologies of Regeneration and Restoration of Mires		
	9:00	10:30	Section reports
	10:30	11:00	Coffee break and poster session
	11:30	13:00	Section reports
	13:00	14:30	Lunch
	14:30	16:00	Section reports

	Final plenary Meeting		
	16:00	17:30	Chairman section reports
	17:30	18:00	General discussion, adoption of the resolution
	Closing the Symposium		
	18:00	23:00	Field Symposium Diner
July 1 – 4(5)	Excursion B	10:00 – 17:00	4-5 day Excursion to the mires of the Ob river valley and Surgut Polesie Region. of the woodlands of Surgut. The visit of mesotrophic sedge-moss mires in the Ob river valley and the ombrotrophic mire-lake complexes of Surgut Polesie. Acquaintance with different types of anthropogenic disturbances and results of the bog restoration.
July 5(6)	Departure of the Symposium participants		

SCIENTIFIC EXCURSIONS

Excursion A

June 28 to 29

Duration: 2 days.

Purpose: Visit of the International Field Station “Mukhrino” of UNESCO Chair of Yugra State University. Get acquaintance with the results of scientific field studies.

The excursion starts from the city of Khanty-Mansiysk by bus.

The total length of route is 35 km.

The first day of the excursion includes visits of the Moroskovy Island located within the Irtysch river floodplain (a mesotrophic forest-sedge-moss swamp), the wetlands and waters of the floodplain of Irtysch River, upstream of the confluence with the Ob River. Together Ob and Irtysch rivers form the 4th in the world ranking by size of the river catchment area.

The Field Station “Mukhrino” is located 30 km SE from Khanty Mansiysk town on the left-bank terrace of Irtysch river at the edge of the extensive bog complex , typical for the Middle taiga of West Siberia (oligotrophic raised bogs units, patterned ridge-hollow complexes and oligotrophic and mesotrophic through-flow fens and water tracks) .

The more detailed description of this bog complex can be found on the web-site <http://www.ugrasu.ru/international/unesco/structure/muhrino/>.

Accommodation: In the wood house of the Field Station base and in tents.

Necessary additional equipment: sleeping bags, rubber boots, headnet, repellent.

Cost: included in registration payment.

Post Symposium Excursion

Excursion B

July 1- 4(5)

Duration: 4-5 days.

Purpose: Visit of the mesotrophic sedge-moss fens in the Ob river terrace and the ombrotrophic bog-lake complexes of Surgut Polesie Region. Acquaintance with the different types of anthropogenic disturbances and results of bog restoration.

Trip on the bus up to Surgut town located 300 km to the East from Khanty Mansiysk. Visit of the oil deposits area of "Surgutneftegaz", located in the bog-lake complexes of Surgut Polesie. The recultivated (various stages of restoration) sites of peat bogs in the environments of Surgut will be visited. Furthermore the visit of the developed petroleum deposit within the extensive mesotrophic bog complex on the right-bank terrace of the Ob' (200 km East of Surgut). Acquaintance with the rich flora and the fauna of mesotrophic bog complexes.

Accommodation: More detailed information will be provided later.

Cost: 150 Euro.

For the participants from Russia – 2500 Rub. (to be paid at the Symposium registration desk).

The costs include transport, accommodation, meals, excursion tracking.

Necessary additional equipment: sleeping bags, rubber boots, headnet, repellent.

Weather

In the end of June the day temperature varies from 15°C, rising to 20-25°C during sunny days, but at times it can descend to 10-12°C. Average monthly amount of precipitation in June is about 100 mm. At the excursions it is necessary to have raincoat and rubber boots. At this time many gnats can be present therefore we recommend to bring repellent and a headnet.

Accommodation in Khanty-Mansiysk

Below the prices of the stay in a hotel are given in the Euros in person per day. Payment is in Russian rubles (RUB). In Khanty-Mansiysk banks for changing currencies and cash withdraw ATM machines are available. Please, e-mail us the kind of accommodation you prefer for stay during the Symposium days in Khanty-Mansiysk, indicate what hotel, hostel (letter A-E, category 1 or 2), and also the number of accompanying persons.

Transport to and from Shapsha Station will be provided by the Symposium.

	Hotel/distance to University in minutes by foot	Category	
		Single room	Double room
		1	2
A	Hotel Tarey «Тарэй» (10 min.)	100 euro	120 euro
B	Hotel Yugra «Югра» (15 min.)	80-90 euro	–
C	Hotel Business Center «Бизнес-Центра» (5 min)	80 euro	55-65 euro
D	Hostel in student dormitory Yugra, two-room apartment on 2-3 people in the room, (20 min by public transport)	20 Euro (700 RUB) per 24 hrs	
E	Field Station in the village Shapsha 30 km East of Khanty- Mansiysk town, rooms of to 2, 3 and 4 people (transport to the University is organized)	8,5 Euro (300 RUB) per 24 hrs	

The Timetable of Flights from Moscow (Vnukovo airport) – to Khanty-Mansiysk

There is a daily flight by UT-air. The cost of 1 single flight ticket from Moscow to Khanty-Mansiysk (one-way ticket) it comprises:

- Usual tariff - 10315 Rub.,
- Cheap tariff – 7815 Rub., (under this tariff tickets should be bought in advance),
- Return tariff – 15140 Rub., (in the presence of empty seats)

Day of week	Flight Nr.	Departure from Moscow Vnukovo	Arrival Khanty-Mansiysk	Flight Nr.	Departure Khanty-Mansiysk	Arrival Moscow Vnukovo
Daily	UT 351	20:15	+1 01:10	UT 352	07:40	08:55

Novosibirsk to Khanty Mansiysk

From Novosibirsk to Khanty Mansiysk can be reached by the train via Tyumen, Omsk or by aircraft: direct flight on Sundays, during the remaining days through Nizhnevartovsk and Surgut (with overnight stay). From Khanty Mansiysk to Novosibirsk: direct flight on Sundays, during the remaining days through Nizhnevartovsk.

The cost of 1 single flight ticket from Khanty-Mansiysk to Novosibirsk (one-way ticket) it comprises:

- Usual tariff – 7315 – 8815 Rub.,
- Connection flight through Niznevartovsk – 10500 Rub

Day of week	Flight Nr.	Departure from Novosibirsk	Arrival Khanty-Mansiysk	Flight Nr.	Departure Khanty-Mansiysk	Arrival Novosibirsk
Sunday	UT 340	13:35	15:00	UT 339	08:30	11:55
Connection flight through Nizhnevartovsk Novosibirsk – Khanty - Mansiysk						
Monday, Tuesday, Wednesday, Thursday	Flight Nr.	Departure from Novosibirsk	Arrival Niznevartovsk	Flight Nr.	Departure Niznevartovsk	Arrival Khanty-Mansiysk
	UT 308	17:55	18:55	UT 316	09:00	10:05
Connection flight through Nizhnevartovsk Khanty - Mansiysk – Novosibirsk						
Monday, Tuesday, Wednesday, Thursday, Friday	Flight Nr.	Departure from Khanty-Mansiysk	Arrival Niznevartovsk	Flight Nr.	Departure Niznevartovsk	Arrival Novosibirsk
	UT 315	11:40	13:00	UT 307	14:00	17:05

Novosibirsk – Surgut

The cost of 1 single flight ticket from Novosibirsk to Surgut (one-way ticket) it comprises:

- Usual tariff – 7315 – 8815 Rub.,

Day of week	Flight Nr.	Departure from Novosibirsk	Arrival Surgut	Day of week	Flight Nr.	Departure Surgut	Arrival Novosibirsk
Monday, Wednesday, Friday, Sunday	UT 156	23:00	+1 00:30	Daily	UT 155	06:30	10:00
Tuesday, Thursday, Saturday	UT 156	22:15	23:45				
Tuesday, Thursday, Saturday	UT 427	22:10	23:55				

REGISTRATION FORM

Please, fill this form for each participant and accompanying person send it to us by the electronic mail: s_zamilova@ugrasu.ru or by the fax: +7 (34671) 57713

Give name	
2 nd name	
Family name	
Work Organisation	
Town of Work	
Position	
Academic title	
Address	
Telephone	
Fax	
E-mail	
Title of paper/poster	
Paper/poster	
Symposium section (1, 2, 3)	
Hotel type (A, B, C, D, E)	
Excursion (A, B)	

REQUIREMENTS FOR THE ABSTRACTS

Abstracts will be submitted in electronic form by e-mail.

Utilized text editor - Word for Windows, preferable size – RTF, type – Times new roman, 12 pt. 1,5 intervals, fields – 2 cm, paragraphs are divided by open line. Text must be no formatted, without the indentions. Figures and tables are put into the text. It is desirable to also send figures in the electronic form, in the sizes BMP, PCX, TIFF or JPG in high resolution (=>600 DPI). Figures and tables must have signatures and captures in both Russian and English languages. Lines in the figures must be not less than 0,25 pts, permission - 600 dpi. The volume of the theses of reports must not exceed 4 pages, including tables, figures and bibliography.

Structure of the theses:

- Name and the surname of the authors by lower-case letters (in Russian and English) - organization, e-mail - name by capital letters (in Russian and English)
- Strictly the text of abstract
- Bibliography

With the use in the text of abbreviations it is necessary to give their interpretation in the text or in the notes, with exception of the conventional abbreviations.

References to the literature are given in the text in brackets (surname, year). Very bibliography under the title “LITERATURE” is given after basic text. First are given works in the Russian language in the alphabetical order, then - the foreign authors by way of Latin alphabet. List takes shape as follows:

- for the periodical articles and other periodic publications are given surname and initials of the author, the name his work, the complete or conventional reduced name of periodical or another periodic publication, year, the number of volume, release, page.
- for the books, the monographs - surname and the initials of the author, the complete name of source, the place of publication, the year of publication and page.
- for the collections of scientific articles and works of conferences - surname and the initials of the author, the name his work, the complete name of source (collection), the place of publication, the year of publication and page. References to the unpublished works are not allowed

Organization committee leaves after himself the right to slant the publications, which do not correspond to the themes of the symposium,