

## International Permafrost Association (IPA)



### Second circular

## Tenth International Conference on Permafrost (TICOP)

Salekhard, Yamalo-Nenets Autonomous District, Russia  
June 25-29, 2012

[www.ticop2012.org](http://www.ticop2012.org)

The International Permafrost Association is proud to introduce the second circular of the **10<sup>th</sup> International Conference on Permafrost**, which will take place on June 25-29, 2012 in Russia, in Salekhard, Yamalo-Nenets Autonomous District, Russia

The conference will report on results from permafrost research in the Arctic, Antarctic, and mountain regions. The core theme of the conference – **«Resources and risks of permafrost areas in the changing world»** - relates to changes in the permafrost but also evokes the increasing role of mankind in transforming the Arctic and Subarctic environment.

The conference will also serve as a venue for the **meetings of the International Permafrost Association**

# 1. Proposed Conference topics

The following topics are used by the conference organizers as “working topics” and do not preclude the organization of a session. Participants are requested to provide one of these working topics when they submit papers and/or extended abstracts.

- Climate change and permafrost dynamics
- Active layer dynamics in mountain and polar regions
- Permafrost in regional and global climate models
- Permafrost distribution, mapping and modelling in polar regions
- Mountain permafrost distribution, mapping and modelling
- Planetary permafrost and geomorphology
- Periglacial processes and landforms
- Cryostratigraphy
- Permafrost micromorphology, ice segregation, frost heave, and water migration
- Regional near-surface studies
- Permafrost as a paleo-environmental proxy
- Permafrost controls on hydrologic and surface heat flux processes
- Permafrost and glacier interactions in alpine and polar regions
- Impacts of permafrost degradation on terrestrial and aquatic ecosystems
- Sea level change and coastal permafrost dynamics
- Subsea permafrost distribution and characteristics
- Natural hazards and permafrost, including extreme events (rockfalls, floods, droughts, etc.)
- Permafrost hazard mitigation, urban planning and community vulnerability
- Cryosols in permafrost areas
- Permafrost geophysics
- Remote sensing of permafrost and periglacial processes
- Permafrost and gas hydrates
- Microbiological communities and processes in mountain, polar, and planetary permafrost
- Greenhouse gas fluxes in permafrost regions
- Carbon and nitrogen pools in permafrost
- Cold regions infrastructure and engineering
- Permafrost engineering
- Soil mechanics in permafrost areas
- Design and construction of oil and gas pipelines over permafrost
- History of permafrost research
- Observing systems and permafrost
- Permafrost data management and data dissemination
- Permafrost as a cryogenic resource
- Education and outreach in permafrost research

## 2. Registration.



*Salekhard is located in a restricted area which requires each conference participant to be registered with local institutions early in advance of the start of the conference. Participants are therefore required to read and comply with the guidelines provided below. Late registrations are possible but high processing costs may incur for the participants.*

Registration of the participants will be performed through the website of the conference: [www.ticop2012.org](http://www.ticop2012.org). The registration process will require the participant to fill out a registration form to get a personal account. Once the personal account is set up, each participant will be able to:

- ▶ add and edit personal information;
- ▶ make payments
- ▶ submit his/her paper and/or extended abstract
- ▶ track the history of editing or reviewing of his/her paper and/or extended abstract;
- ▶ receive mailing from the Organizational Committee, ask questions, make comments.

Preliminary registration is available until September 15, 2011; Final registration until March 1, 2012; Late registration until June 1, 2012.

### 2.1 Preliminary registration



***Preliminary registration is now open and will run until September 15, 2011. Please note that preliminary registration is mandatory for obtaining a personal account on the conference website, for submitting a paper and/or an extended abstract, and for obtaining an invitation letter for a Russian visa application.***

The participants are advised that:

- ▶ They are required to indicate on the registration form if they need an invitation letter for a visa application
- ▶ Russian speaking authors **must** indicate their first-name, patronymic name and last name in Russian **and** English;
- ▶ They should indicate on the registration form the working topic for which the paper and/or extended abstract is submitted.
- ▶ They should provide a valid mailing address including country and city.
- ▶ They should indicate which excursions/field trips they intend to participate in.



## 2.2 Final registration

Final registration will start on **September 16, 2011** and will run until **March 1, 2012**. Participants using this option may have to provide additional personal information in order for the conference organizers to provide the necessary documents to access the territory of Yamalo-Nenets Autonomous District, as well as to book accommodation and participate in field trips.

## 2.3 Late registration

Late registration will start on **March 1, 2012** and will run until **June 1, 2012**. Participants using this option will be requested to pay added costs to cover the fees associated with the preparation of access documents.

# 3. Presentations and Conference Proceedings

The official language of the conference is English. The Organizing Committee will provide simultaneous translation of the presentations for the conference participants and translation of Russian conference materials into English.

**Presentations** at the conference may be submitted either as oral presentations or as posters. The presenter shall indicate whether he wishes one or the other for her/his submission. Each participant has a right to be the first author in one paper **or** in one extended abstract. The number of co-authorships is not limited.

**Papers** – the text with figures, tables, list of literature, and references, up to 6 pages long, will be accepted by the Organizing Committee until **September 15, 2011** in Russian or in English. The paper will be **reviewed and edited** by the editorial board. After review, accepted papers will be published in the proceedings of the conference. The organizing committee will provide a translation of all manuscripts submitted in Russian. A template is provided on the TICOP website: [www.ticop2012.org](http://www.ticop2012.org).

**Extended abstracts** – the text with figures, tables, list of literature and references, up to 2 pages long, will be accepted by the Organizing Committee until **January 10, 2012** in Russian, and until **February 15, 2012** in English. The extended abstract will be **evaluated** by the editorial board, and upon acceptance, will be published in the extended abstracts book. A template is provided on the TICOP website: [www.ticop2012.org](http://www.ticop2012.org).

All submissions (paper or extended abstracts) shall be **submitted through the conference website** (after creation of a personal account). Submissions are accepted in English and/or in Russian

The participants are asked to acknowledge the following points:

- ▶ During submission, the participants shall indicate the type of presentation (oral presentation or poster) and type of publication (paper or extended abstract) they wish for;
- ▶ Paper and extended abstracts not meeting the scientific and grammatical requirements in English or Russian will be rejected;

- ▶ The organizing committee advises Russian speaking participants to submit their papers and extended abstracts in Russian for review and to take advantage of the in-kind translation by professional translators;
- ▶ Russian-speaking authors are required to submit a separate file with keywords words and technical terms used in the presentation, translated into English, to facilitate translation.

The proceedings of the conference, consisting of the peer-reviewed papers, as well as the book of extended abstracts will be published shortly before the conference in hard copy and electronic versions. The papers and extended abstracts of the Russian-speaking authors will be also published in Russian.

## 4. Program

**The conference program** will be developed by the Organizing Committee based on the number and nature of the submissions and the pre-established conference working topics (see section 1). If necessary, topics will be merged to ensure a reasonable number of parallel sessions during the conference.

The organizing committee will not take the submission type into account when deciding on awarding oral presentations or posters to the participants.

**Authors are not required to attend the conference to submit papers and/or extended abstracts** A non attending author may submit a publication but will be required to pay a substantially reduced registration fee (see next section).

## 5. Fees

The payment of the conference fee, including payment of pre- and post-conference events will be paid **during the final registration stage**. Payment during the late registration stage will be possible but at a **greater fee**.

The fee shall be paid by **money transfer** from the participants' bank account, through the website ([www.ticop2012.org](http://www.ticop2012.org)).

### Conference fees

Type of participation at the conference	Deadlines	
	From 16.09.11 until 01.03.12 (final registration)	From 02.03.12 until 01.06.12 (late registration)
	Fee amount, Euro (rubles)	
Participant (Paying IPA member)*	350 (14000)	400 (16000)
Participant	400 (16000)	450 (18000)
Accompanying person	50 (2000)	100 (4000)
Young researcher (PYRN member)**	50 (2000)	
Young scientist (co-author, not a PYRN member)***	150 (6000)	200 (8000)
School teacher	0 (0)	
Submission of a paper or extended abstracts without personal participation of an author	25 (1000)	- *****
Conference publications (hard copy)****	50 (2000)	
Conference publication (electronic version)	25 (1000)	

#### Notes

\* - Paying IPA individual members participate at reduced cost. See [www.pemafrost.org](http://www.pemafrost.org) to register for individual membership. Paying individual members are required to provide proof of payment during registration.

\*\* - Young researcher stipends will be provided by the Government of the Yamalo-Nenets Autonomous District for up to 150 young researchers.

\*\*\* - Young researchers which are not PYRN members, or those not included in the 150 supported by the Government of the Yamalo-Nenets Autonomous District, may take part in the conference at a reduced fee.

\*\*\*\* - Costs of shipment of the publications to the author will be billed separately to the author.

\*\*\*\*\* - In case of a late registration the papers or extended abstracts will not be published in the materials of the conference.

## 6. Field trips / Excursions

The conference will offer two types of outings: Field trips and excursions. **Excursions** will be **one-day outings** organized in the city of Salekhard and its surroundings at no additional cost.

Field trips will be extended expeditions after the conference in the territory of the Yamalo-Nenets Autonomous District and other regions of Russia. Participation in field trips shall be applied for through the conference website ([www.ticop2012.org](http://www.ticop2012.org)). The fees for the participation to these field trips shall be paid in advance.

#### Excursions

Code on the map	Place of expedition, type of investigated objects	Dates
A-1	Salekhard, engineering constructions	29.06.12
A-2	Labytnangi. Cryogenic processes	29.06.12
A-3	Soils	29.06.12
A-4	Obskaya-Bovanenkovo railway (Technical solutions, thermal stabilization of the grounds, construction of bridges)	29.06.12
A-5	Core storage	29.06.12

#### Post conference field trips

Code on the map	Place of expedition, type of investigated objects	Number of days
B-1	Laborovaya village (PYRN). Permafrost study training grounds, subsurface ice, cryogenic processes and engineering constructions, Labytnangi – Bovanenkovo railroad	5
B-2	Yugibey river. Permafrost study training grounds, subsurface ice, cryogenic processes and engineering constructions, Labytnangi – Bovanenkovo railroad	3-4
B-3	Yamal peninsula (Bovanenkovo gas condensate field). Permafrost study training grounds, subsurface ice, cryogenic processes and engineering constructions, Labytnangi – Bovanenkovo railroad	3-4
B-4	Beliy island. Marre-Sale polar station. Permafrost study training grounds, subsurface ice, cryogenic processes	1-2
B-5	Nadym permanent establishment. Landscape geo-cryological and geo-botanic research in natural and technogenically reorganized conditions during 40 years. Cryogenic processes.	2-3
C-1	Central Yakutia (Mamontivaya mountain, Aldan). Subsurface ice, thermokarst and alases	2-4 + traveling
C-2	Northern Yakutia. Coastal processes, subaqueous cryolithozone, ice complex in the lower reach of the Lena river	2-10 traveling
C-3	Southern Yakutia. Cryogenic processes and formations of the Chara cavity	2-4 + traveling
C-4	Mirniy, Yakutia, engineering constructions	3-4 + traveling
D-1	Chara, Chita region, Chara, Sakukan, Marble gorge	3-5+traveling
D-2	Objects (natural and geotechnical): Baikal Region	14

## 7. Young Researcher stipends & activities

The Government of the Yamalo-Nenets Autonomous District, will provide **stipends for 150 young researchers** to participate in the 10<sup>th</sup> International Conference on Permafrost (see Fees section).

The number of young researchers to be supported by this program is **strictly limited to 150**. Young researchers are defined as individuals having defended their PhD within the past five years at the date of the conference. To be eligible for the stipend, a young researcher should be the first author of an oral or a poster presentation and be registered in the **Permafrost Young Researchers Network (PYRN)** ([www.pyrn.org](http://www.pyrn.org)).

Young researchers that are not registered in the PYRN, or not selected in the **150** to be financed at the expense of the Government of the Yamalo-Nenets Autonomous District), may take advantage of the reduced fee for young researcher attendance (see Fees section).

All young researchers interested in applying for the stipend program should send an application file (named using their last name) including the title of their presentation and their resume (CV) (no more than 2 pages long) to Y.V. Khalilova ([stanilovskaya@geoenv.ru](mailto:stanilovskaya@geoenv.ru)) with «TICOP PYRN stipend» in the subject line **no later than December 15, 2011**.

## 8. Contacts

Contact person	Topic	Contact (e-mail)
Sergey Konstantinovich Turenko	General questions	<a href="mailto:turenko@tsogu.ru">turenko@tsogu.ru</a>
Anatoliy Anatolievich Gubarkov	Field trips / Excursions	<a href="mailto:agubarkov@mail.ru">agubarkov@mail.ru</a>
Maksim Vladimirovich Rudenko	Website	<a href="mailto:roudenko@tsogu.ru">roudenko@tsogu.ru</a>
Yuliya Viktorovna Khalilova	Young Researchers (PYRN)	<a href="mailto:stanilovskaya@geoenv.ru">stanilovskaya@geoenv.ru</a>
Dmitriy Stepanovich Drozdov	papers, extended abstracts & presentations	<a href="mailto:ds_drozdov@mail.ru">ds_drozdov@mail.ru</a>
Anna Nikolayevna Kurchatova	papers, extended abstracts & presentations	<a href="mailto:kanni@mail.ru">kanni@mail.ru</a>
Aleksey Leonidovich Titovskiy	Events in the territory of the Yamalo-Nenets Autonomous District	<a href="mailto:a-titovskiy@yandex.ru">a-titovskiy@yandex.ru</a>
Oleg Olegovich Pankov	Academic Secretary of the conference	<a href="mailto:oopankov@yandex.ru">oopankov@yandex.ru</a>