

**Ministry of Science and Higher Education of Russian Federation  
Irkutsk National Research Technical University**

**III Baikal International scientific and practical conference  
«Snow cover, atmospheric precipitation, aerosols: chemistry and climate»  
March 23 – 27, 2020**

**Second circular**

Irkutsk National Research Technical University (<http://www.istu.edu/eng/>) holds the III Baikal International Scientific and Practical Conference "Snow cover, atmospheric precipitation, aerosols: chemistry and climate" on March 23-27, 2020.

***Conference will take place in Listvyanka (Lake Baikal).***

The conference has an interdisciplinary nature and is devoted to the study of the chemistry of snow cover, precipitation, aerosols of the Earth at climate change. Main topics: observation, interpretation and modeling studies of the composition of snow cover, precipitation, aerosols and physicochemical processes in Earth's atmosphere, including air pollution problems; the role of snow cover, precipitation, aerosols in biogeochemical cycles; chemical interaction of the oceans, the land surface and the biosphere with snow cover, precipitation, aerosols.

The purpose of the conference: the creation of a platform for the discussion of modern knowledge in the chemistry of snow cover, precipitation and aerosols under the influence of climate change; raising the level of information exchange, both within the scientific community and between organizations of the research sector and the commercial sector; expansion of methods and tools of scientific interaction and interdisciplinary information exchange; discussion of joint research in this field of science; to improve the quality of life.

Official languages of the conference: Russian, English.

**Topics**

1. Methods, methodology to the study of the physicochemical properties and composition of the snow cover, precipitation, aerosols.
2. The impact of climate change, physicochemical processes in the atmosphere and anthropogenic activity at the chemical composition of snow cover, precipitation, aerosols.
3. Modeling of the study of climate change, chemical composition and physicochemical properties of the snow cover, precipitation and aerosols.
4. The role of the snow cover, precipitation, aerosols in biogeochemical cycles and the cryosphere.
5. The chemical interaction of the oceans, the land surface and the biosphere with snow cover, precipitation, aerosols.
6. Assessment of the impact of the snow cover, precipitation, aerosols on natural, socio-economic systems and human health.

**Preliminary program in brief**

1. Scientific program: reports of the participants, disputes, discussion of the results, and preparation of the resolution.
2. Scientific excursion program: FSBI "Zapovednoe Pribaikalye" (<https://baikal-1.ru/>); Baikal Astrophysical Observatory of the Institute of Solar and Terrestrial Physics of the SB RAS (<http://ru.iszf.irk.ru>); Baikal Museum of the Irkutsk Science Center of the SB RAS (<http://bm.isc.irk.ru/>); Meteorological station of the Irkutsk UGMS (<https://www.irmeteo.ru/>) in the village Listvyanka; Museum of the History of the Circum-Baikal Railway in the village of Port Baikal (<https://www.tripadvisor.ru>); Architectural and Ethnographic Museum "Taltsy" (<http://talci-irkutsk.ru/>).

3. Entertainment program: gala dinner and music program at the opening ceremony; gala dinner and music program at the closing ceremony.

### **Conference location and accommodation**

The opening ceremony will take place at INRTU March 23, 2020. The conference will take place in Listvyanka village, located on the shore of Lake Baikal. The main conference events will take place at the Mayak Hotel (<http://www.mayakhotel.ru/en/>).

Places to stay at the Mayak Hotel are booked by the participants themselves on the hotel website (<http://www.mayakhotel.ru/en/>). Upon request, it is possible to stay in other hotels in the village of Listvyanka, rooms are booked independently. For accommodation questions, contact the organizers for help (see phone numbers and e-mail in the contact section).

### **Main dates**

**July 1, 2019 – December 15, 2019** – registration on the website <http://snow-baikal.tw1.ru/index-eng> of participants with a report, submission of materials for publication.

**July 1, 2019 – February 15, 2020** – registration on the website <http://snow-baikal.tw1.ru/index-eng> of participants without a report.

**March 23, 2020** – registration of participants, official opening of the Conference in INRTU, Irkutsk, transfer Irkutsk – Listvyanka (Mayak Hotel), gala dinner and music program at the opening ceremony (Mayak Hotel).

**March 23 – 27, 2020** – scientific program.

**March 23 – 27, 2020** – scientific excursion program.

**March 26, 2020** – gala dinner and music program at the closing ceremony (Listvyanka).

**March 27, 2020** – transfer Listvyanka (Mayak Hotel) – Irkutsk (INRTU, hotel).

### **Conditions of participation, the registration fee and the payment**

All conference participants must register on the site (<http://snow-baikal.tw1.ru/index-eng>). When registering on the site (<http://snow-baikal.tw1.ru/index-eng>) the conference participant indicates the form of participation.

The size of the registration fee is \$600. The registration fee includes sending an invitation, participation in the scientific program of the Conference, participation in the scientific excursion program, participation in the entertainment program, coffee breaks, lunches, proceedings of the Conference, souvenirs, transfer from Irkutsk to Listvyanka and back, a general photo of the conference participants.

For participants from developing countries and young scientists (under 35 years), the registration fee is \$500. The registration fee includes: sending an invitation, participation in the scientific program of the Conference, participation in the scientific excursion program, participation in the entertainment program, coffee breaks, lunches, proceedings of the Conference, souvenirs, transfer from Irkutsk to Listvyanka and back, a general photo of the conference participants.

In-person conference participants may invite accompanying persons with them. Information on the number of accompanying persons and their data shall be indicated at registration (<http://snow-baikal.tw1.ru/register1-en>) or by e-mail.

The registration fee for accompanying persons is \$500. The registration fee includes sending invitations, participation in the scientific excursion program, participation in the entertainment program, coffee breaks, lunches, proceedings of the Conference, souvenirs, transfer from Irkutsk to Listvyanka and back, a general photo of the conference participants.

## Proceedings of the Conference

The submitted materials will be published in the proceedings of the Conference “Snow cover, atmospheric precipitation, aerosols: chemistry and climate (March 23 – 27, 2020)” before beginning of the Conference.

Materials for publication in English are accepted in docx format. Sample and requirements for the design of materials can be obtained by reference (<http://snow-baikal.tw1.ru/register1-en>) on the conference website.

Submission of material is carried out on the conference website (<http://snow-baikal.tw1.ru/index-eng>) during registration or sent by e-mail [snow-baikal@mail.ru](mailto:snow-baikal@mail.ru).

### Contact information

You may address your questions to organizers to e-mail [snow-baikal@mail.ru](mailto:snow-baikal@mail.ru) or by phone:

+7 9501018946, Natalia (RU)

+7 9149426951, Igor (RU, DE)

+7 9148786659, Anastasia (EN, RU, IT)

### Useful links:

Weather in the urban locality of Listvyanka - March

<https://yandex.com/weather/listvyanka/month/march>

Wikipedia article about Lake Baikal and Listvyanka:

[https://simple.m.wikipedia.org/wiki/Lake\\_Baikal](https://simple.m.wikipedia.org/wiki/Lake_Baikal)

<https://ru.m.wikipedia.org/wiki/Байкал>

[https://en.wikipedia.org/wiki/Listvyanka,\\_Irkutsky\\_District,\\_Irkutsk\\_Oblast](https://en.wikipedia.org/wiki/Listvyanka,_Irkutsky_District,_Irkutsk_Oblast)

[https://ru.m.wikipedia.org/wiki/Листвянка\\_\(Иркутский\\_район\)](https://ru.m.wikipedia.org/wiki/Листвянка_(Иркутский_район))

Hotels in Irkutsk:

<https://www.marriott.com.ru/hotels/travel/iktcy-courtyard-irkutsk-city-center/>

<https://www.angarahotel.ru/en/>

<https://onikshotel.nethouse.ru/>

<http://vegahotelirk.ru/>

Hotel Mayak in Listvyanka:

[www.mayakhotel.ru/en/](http://www.mayakhotel.ru/en/)