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Limnological Institute of
the Siberian Branch of the
Russian Academy of
Sciences
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Association of Lake Regions
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First Circular

FRESHWATER ECOSYSTEMS – KEY PROBLEMS



10-14 September 2018

Irkutsk, Listvyanka, Russia

<http://www.lin.irk.ru/conferences/fekp2018/en/>

Dear colleagues,

You are cordially invited to take part in the International Conference “Freshwater Ecosystems – Key Problems” (FEKP-2018), which will be held in Irkutsk and Listvyanka between 10-14 September 2018.

The Conference is dedicated to the 90th anniversary of Limnological Institute of the Siberian Branch of the Russian Academy of Sciences.

The past 50 years are characterised by the intense impact of local and global anthropogenic factors on the ecosystem of freshwater environments irrespective of their scale. Moreover, the anthropogenic factor can overlap with the internal cycles of aquatic environments. During the Conference, it is anticipated that we will discuss current developments of various freshwater ecosystems experiencing landscape and climatic changes as well as increasing anthropogenic impact.

A Youth School “**Modern Limnology at the Intersection of Disciplines**” will be held within the framework of the Conference. Leading international scientists will give lectures and master-classes on the following topics: fundamentals of microscopy, methods of bioinformatics analysis in molecular biology and methods of classical ichthyology. In addition, Skype-session and Round Table Discussions will be also held during the Conference.

The following scientific problems and research perspectives are planned for discussion at the Conference:

- Current critical factors of natural and anthropogenic origin affecting the ecological state of aquatic environments;
- Hydrological and hydrophysical processes and their effect on the state of aquatic environments;
- Biodiversity of large freshwater bodies: sustainability and mechanisms of formation;
- Molecular ecology of hydrobionts;
- Microorganisms and autochthonous viruses;
- Current global changes of aquatic ecosystems: cause and effect;
- Persistent organic pollutants in aquatic ecosystems;
- Silica in nature – from paleoreconstruction to new materials;
- Cycles of organic matter and nutrients;
- Transport of substances and energy at the interface of environment partitions;
- Evolution of lakes and their paleoreconstructions;
- Development of approaches and methods for direct and remote control monitoring of aquatic environment;
- Scientific background of measures necessary for the preservation of Lake Baikal and other lakes of the world.

Important dates

1 March 2018	Deadline for preliminary registration
1 May 2018	Deadline for abstract submission
1 June 2018	Deadline for final registration
	Deadline for hotel booking
	Deadline for fee payment
1 August 2018	Distribution of Conference programme

Registration

The participants should register on-line, submit abstracts and if necessary provide personal data for visa support at

<http://www.lin.irk.ru/conferences/fekp2018/en/registration/online>.

The official languages of the Conference are English and Russian.

Registration fee

The registration fee covers participation in all sessions of the Conference, including Skype-session and Youth School, an abstract book, coffee breaks.

Category of participation	Registration fee
Direct participation	90 €
Poster or Absentee participation	45 €

Abstracts

Participants should prepare their abstract according to the following rules and upload it during on-line registration or send by email to fekp2018@gmail.com before 1 May 2018.

ABSTRACT TITLE (Times New Roman, 14 pt, capital bold)

Smith J.,¹ Brown R.² & Black J.¹ (Times New Roman, 12 pt, bold)

¹ Institution and its address (Times New Roman, 12 pt)

² Institution and its address (Times New Roman, 12 pt)

e-mail address (Times New Roman, 12 pt)

The abstract should be concise and present the aim of the work, essential results and conclusion. It should be typed in Times New Roman, 12 pt, single-spaced, justified. The length should **not exceed 1.5 pages**.

Papers presented at the Conference will be published in a special issue of an international peer-reviewed journal. The detailed information will be provided in the Second Circular.

Venue

Plenary sessions and lectures within the framework of the Youth School will be held in the LIN SB RAS conference hall (3, Ulan-Batorskaya St., Irkutsk, +7 (3952) 42-26-95), Molchanov-Sibirsky Irkutsk Scientific Library (253, Lermontov St., Irkutsk, +7 (3952) 48-66-80).

A trip to Lake Baikal (Listvyanka) will be offered.



Welcome to the Conference!

Address of Organising Committee:

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(for registration and correspondence)