



INTERNATIONAL CONFERENCE

«FRESHWATER ECOSYSTEMS –
KEY PROBLEMS»

Irkutsk, Listvyanka, Russia

10-14 September, 2018

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





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. In addition, Skype-session and Round Table Discussion “Problems and Prospects of Fishery in Artificial Rearing of Fish and Their Propagation under Natural Conditions” will be also held during the Conference.



Photo by V. Lyagushkin

The following sessions will be presented at the Conference:

Session 1. Anthropogenic Impact on Freshwater Ecosystems, Ecological Monitoring and Legal Principles [September 11, 12, 14]

Session 2. Biodiversity and Development of Biotic Ecosystems [September 11, 12, 14]

Session 3. Aquatic Organisms: Aspects of Physiology, Biochemistry and Genomics [September 11, 12]

Session 4. Changes of Abiotic Components in Freshwater Ecosystems and Adjacent Landscapes [September 11, 12, 14]

Session 5. Paleolimnology, Evolution of Lake Ecosystems and Reconstruction of Environmental and Climatic Changes in the Past [September 12]

The Organising Committee offers the following forms of participation at the Conference:

- **Oral presentation** (10 minutes for presentation and 5 minutes for discussion);
- **Poster presentation** (poster size – 60 cm x 90 cm, vertical).

The final version of the Programme and the final List of abstracts are at the web site of the Conference at <http://www.lin.irk.ru/conferences/fekp2018/en/programme>

The official languages of the Conference

English and Russian

Registration fee

Direct participation	90 €
Absentee participation with abstract publication or accompanying person	45 €

Banking details for fee transfer

Beneficiary: Limnological Institute, Siberian Branch, Russian Academy of Sciences, 664033, Irkutsk, Ulan-Batorskaya 3,

Beneficiary Bank: B&N BANK (Public Joint Stock Company)

RUSSIAN FEDERATION

115172 MOSCOW

KOTELNICHESKAYA NABEREZHNYAYA,

STROENIE 1, 33

SWIFT: COBADEFF

Acc.: 400 887 083 401 with Commerzbank AG, Frankfurt am Main, Germany

Transit account: 405 039 782 611 010 000 01

Current account: 405 039 789 611 000 000 01

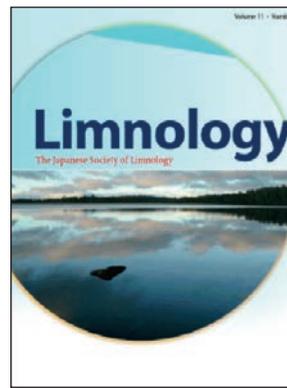
For payment of registration fee it is necessary to conclude a contract between the participant (or his employer) and LIN SB RAS.

Download the form of the contract [here](#)

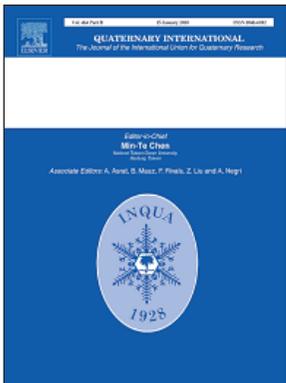
The Committee reminds that all payments in Russia and in Irkutsk are made in ROUBLES, according to EURO equivalent.



<https://www.journals.elsevier.com/journal-of-great-lakes-research>



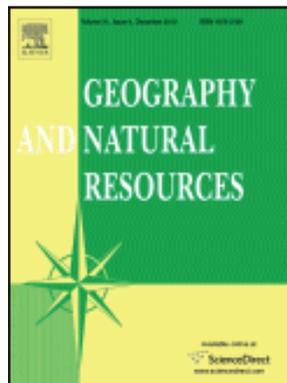
<http://www.springer.com/life+sciences/ecology/journal/10201>



<https://www.journals.elsevier.com/quaternary-international>



<https://link.springer.com/journal/11184>



<https://www.journals.elsevier.com/geography-and-natural-resources>

Special issues of journals

Manuscripts should be prepared according to the Instructions for Authors of these journals before October 1, 2018. Manuscript submission is open.

Journal of Great Lakes Research

Impact Factor: 2.354 (WoS), Scopus, RSCI

Publication of Special Issue – Late 2019 – Early 2020.

Submit your manuscript at <https://ees.elsevier.com/glr/default.asp?pg=login.asp> (Special Issue “Freshwater Ecosystems – Key Problems”).

Please duplicate your manuscript to the Organising Committee lsukhanova@yandex.ru with the note “Journal of Great Lakes Research”.

Limnology

Impact Factor: 0.913 (WoS), Scopus, RSCI

Publication of Special Issue – Late 2019 – Early 2020.

Submit your manuscript at <http://www.editorialmanager.com/limn/default.aspx> (Special Issue “Freshwater Ecosystems – Key Problems”).

Please duplicate your manuscript to the Organising Committee lsukhanova@yandex.ru with the note “Limnology”.

Quaternary International

Impact Factor: 2.199 (WoS), Scopus, RSCI

Revision – January 15, 2019.

Final versions – March 15, 2019.

Submit your manuscript at https://www.evise.com/evise/faces/pages/navigation/NavController.jspx?JRNL_ACR=QUATINT (Special Issue “Freshwater Ecosystems”).

Please duplicate your manuscript to the Organising Committee lsukhanova@yandex.ru with the note “Quaternary International”.

Russian Journal of Ecology

Impact Factor: 0.430 (WoS), Scopus, RSCI

Publication of Journal Issue – Late 2019 – Early 2020.

Instructions for Authors at <https://link.springer.com/journal/11184>

Submit your manuscript to the Organising Committee lsukhanova@yandex.ru with the note “Russian Journal of Ecology”.

Geography and Natural Resources

{WoS, Scopus, RSCI}

Publication of Special Issue – Late 2019 – Early 2020.

Instructions for Authors at <https://www.journals.elsevier.com/geography-and-natural-resources>

Submit your manuscript to the Organising Committee lsukhanova@yandex.ru with the note “Geography and Natural Resources”.



On-line report transmission during plenary and general sessions

We will be webcasting reports at the plenary and general sessions during the Conference. You are asked to confirm your agreement/disagreement on webcasting of your report: <https://goo.gl/forms/FIjXx7GTrmWRbImT2>

Those participants, who will be unable to take part in the Conference, will have an access to on-line websacting during the Conference. It is necessary to register at <http://portal.irklib.ru/>



Start-up school for young researchers



START-UP

Dear Colleagues, to participate at the Start-up school, please send by **September 1, 2018** to the e-mail address jsap@mail.ru with a subject «Start-up school-2018»:

- Your name
- Age
- Country
- E-mail
- Title of the project

Please, prepare by **September 12, 2018** a presentation for 5-10 minutes about your project even if it is still at the idea stage. In your presentation you should try to cover the following points:

- The name of the research work (title of the presentation) should begin with words «Development» or «Creation» and include the potential commercialization object (product, service or technology).
- The project team.
- Information about the project.
- Scientific background.
- Commercialization potential (who can be interested in your product).



Vasily Smirnov



Sergey Semenchenko

Round table discussion «Problems and Prospects of Fishery in Artificial Rearing of Fish and Their Propagation under Natural Conditions»

Date, Time and Place:

14 September, 2018, 11:30 - 13:00, conference hall, LIN SB RAS

Chairs:

- Sergey Semenchenko, Candidate of Science (Biology), Head of the Department for Reproduction of Valuable Fish Stocks in «Gosrybcenter» (State Fishery Center), Tyumen, Russia
- Vasily Smirnov, Doctor of Science (Biology), Principal Research Scientist in Baikal Museum, Honorary Fishery Worker of Russia, Listvyanka, Russia

The following problems will be discussed:

- Environmental factors in the dynamics of fish abundance and production.
- Distribution and migration of populations of the main commercial species.
- Sport fishing and fishing tourism: ways to improve them.
- Fish breeding in natural reservoirs.
- Commercial fish farming.
- Methods of ichthyological and fishery studies.
- Scientific foundations of fishery in Baikal basins and other large freshwater bodies.
- The state of Baikal seal population.

Please send your proposals to the e-mail address sukhanova@yandex.ru [secretary of the Round Table Discussion] with a subject «Round Table Discussion-2018».



Photo by O. Kamenskaya

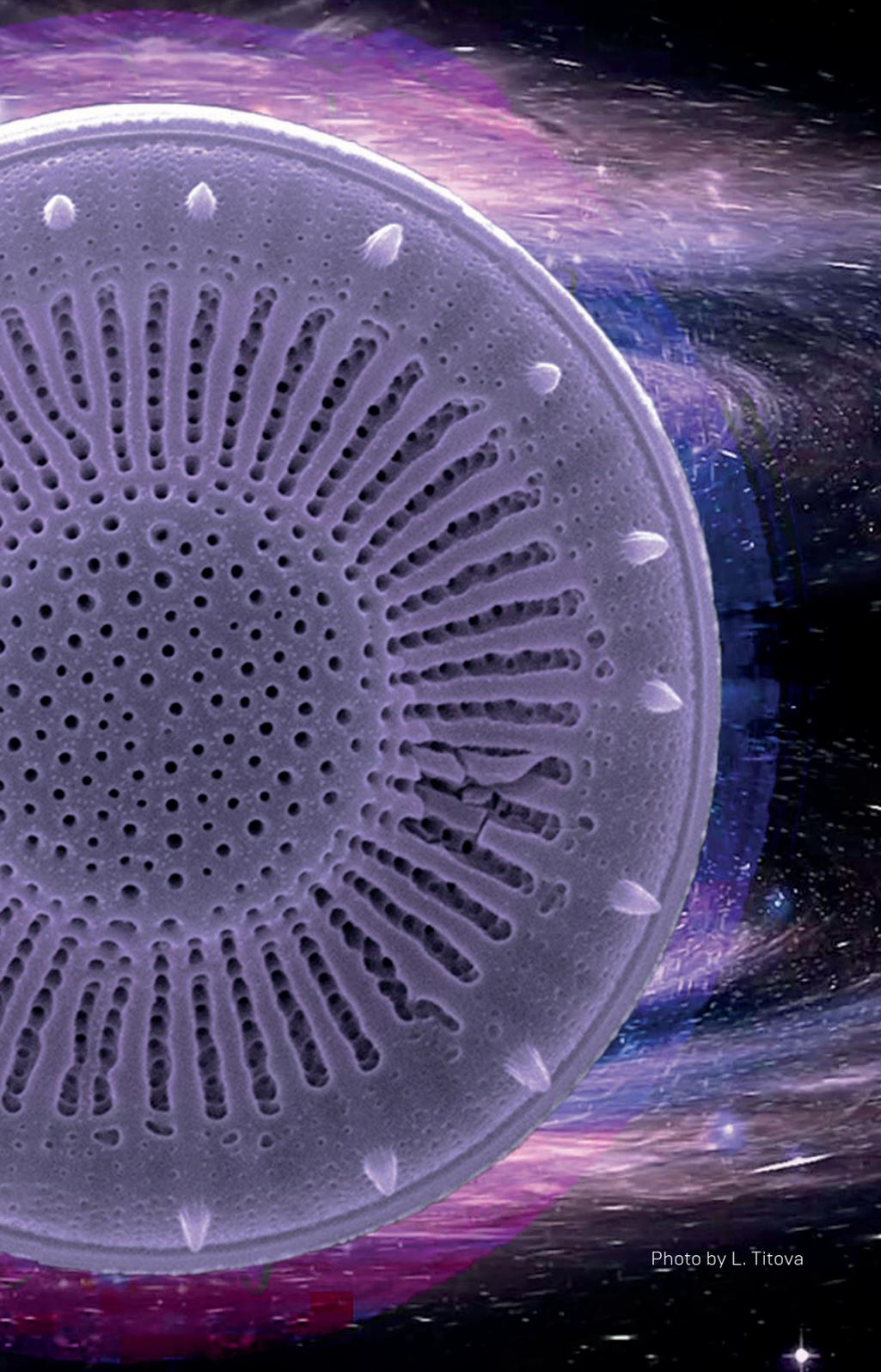


Photo by L. Titova

Exhibition of scientific photography «Science without Borders»

Within the framework of the Conference, the LIN SB RAS Council of Young Scientists will organise an exhibition of photos.

Each participant of the Conference can take part in the exhibition provided that he is the author of a photo.

All photographs will be posted on the Conference website <http://lin.irk.ru/conferences/fekp2018/ru/social-events/galereya-dlya-golosovaniya>. The best works will be shown at the exhibition in Molchanov-Sibirsky Library during the Conference.

To participate in the exhibition, please send the works by **September 2, 2018** to the e-mail address maria.bashenkhaeva@gmail.com with a subject «**Photo Exhibition-2018**».

Rules of participation:

- We accept both the photographs and the photo collages. There is no limits in the topic of the photos. You can present the object of your study, fieldwork shots or underwater world.
- The photos should be taken in electronic form of A3 format (297 x 420 mm) with a resolution more than 300 dpi, preferably 600 dpi (jpg or tif). The color space should be RGB or BW (black and white or grayscale). The photographs not corresponding to the format won't be accepted for the exhibition.
- Please, supply each photo with a description (less than 50 symbols).

Venue

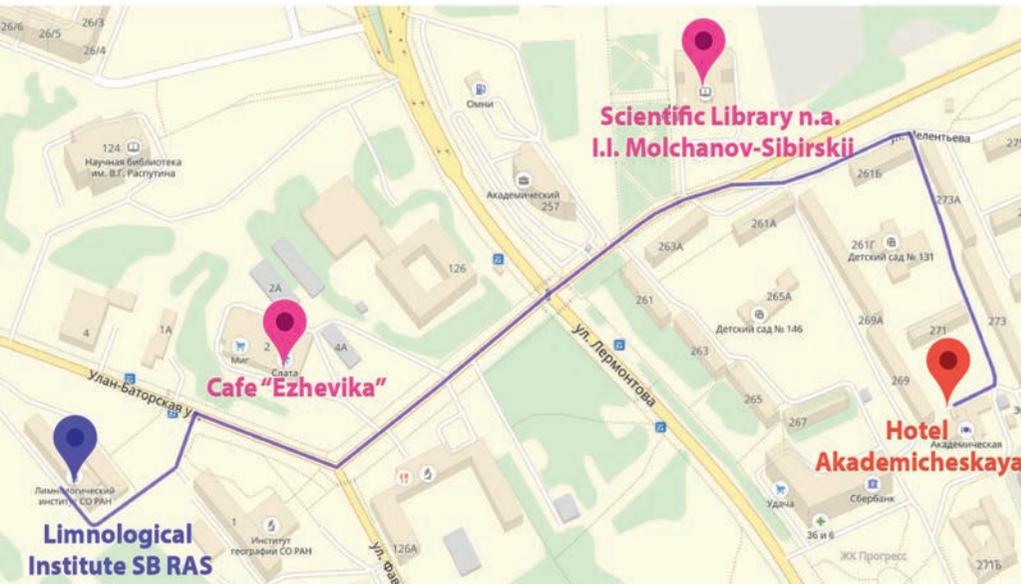
Plenary sessions and lectures will be held in the LIN SB RAS conference hall [3, Ulan-Batorskaya St., Irkutsk, +7 [3952] 42-26-95] and Molchanov-Sibirsky Irkutsk Scientific Library [253, Lermontov St., Irkutsk, +7 [3952] 48-66-80].

Hotel Akademicheskaya

Address: Lermontova St., 271-a, Irkutsk, 664033

Cafe "Ezhevika"

Address: Ulan-Batorskaya St., 2, Irkutsk, 664033



Location map of LIN SB RAS, Hotel Akademicheskaya, Molchanov-Sibirsky Library and the nearest cafes.

Airport - Hotel Akademicheskaya:

by buses Nos. 3, 90 or 480 to the stop «Gosuniversitet», or by minivans Nos.45 or 99 to the stops «Gosuniversitet» or «Shkola No.19».

Taxi services in Irkutsk:

Tel.: +7 [3952] 500-600 [230-250 roubles];

+7 [3952] 500-700 [300 roubles];

+7 [3952] 222-222 [300 roubles].

September 10: Opening of the Conference at Baikal Business Centre



Address: Baikalskaya St., 279, Irkutsk, 664050

8:30 [September 10] - Organised transfer to Baikal Business Centre from Hotel Akademicheskaya

Additional routes of public transport to Baikal Business Centre:

Hotel Akademicheskaya - Baikal Business Centre:

from the stop «Shkola No.19» by buses Nos. 7 or 7k, trolleybuses Nos. 7 or 10 or by minivans Nos. 10 or 45 to the stop «Mikroraion Baikalsky». Then, cross the street and take minivans Nos. 16, 16k, 16c or 87 to the stop «VSIEP» [Institut]. Then, one block on foot along Dybovskogo St.

Airport - Baikal Business Centre:

by fixed-run taxis Nos.45 or 99 to the stop «Mikroraion Baikalsky». Then, cross the street and take minivans Nos. 16, 16k, 16c or 87 to the stop «VSIEP» [Institut]. Then, one block on foot along Dybovskogo Str.

Railway station - Baikal Business Centre:

by minivans Nos. 16 or 417 to the stop «VSIEP» [Institut]. Then, one block on foot along Dybovskogo Str.

The fare on public transport in Irkutsk is 20 roubles from 6:00 until 20:00 [25 roubles after 20:00].



Accommodation

The number of rooms in the hotels is limited.

Hotel Akademicheskaya (271a, Lermontov St.)

- Double room 1st category (1 room is left)
 - Single accommodation - 2 500 roubles per night
 - Double accommodation - 2 900 roubles per night

<http://academichotel.ru/>



Hostel Sosnovgeologiya (104, Gogol St.)

- Double room – 485 roubles per night/one bed (5 rooms are left)
- Triple room – 380 roubles per night/one bed (3 rooms are left)
- Five-bed room – 315 roubles per night/one bed (1 room is left)

These hotels should be booked via the Organising Committee.

The Committee reminds that all payments in Russia and in Irkutsk are made in ROUBLES, according to EURO equivalent.



Excursion

You are asked to confirm the final information on your participation in excursions and farewell party: <https://goo.gl/forms/FljXx7GTrmWRblmT2>

Excursions included in the registration fee:

- September 10 - City tour
- September 12 - Excursion to Equipment Sharing Centers (LIN SB RAS)
- September 13 - Excursion to Molchanov-Sibirsky Irkutsk Scientific Library
- September 15 - Visit to the Baikal Museum, Seal Aquarium (Listvyanka)

Optional excursions

- September 11 - Evening performance: "Theatre of Art Song at Lake Baikal" (Listvyanka) (500 roubles)
- September 15 - Visit to the Station Bolshiye Koty (by boat of LIN SB RAS) (3700 roubles)
- September 16 - One-day train trip to the Circum-Baikal Railway

ATTENTION: You have to pay for the excursion directly to the Tourist Company Baikaltrain (www.baikaltrain.ru) before September 1, 2018. Please send the scanned copy of your passport to Nataly Bazhenova (2121@baikaltrain.ru) stating the reservation number 000001195 for Limnological Institute. Price for the excursion: 4500 roubles for adults and 3200 roubles for children under 18 years. Meals if you wish: 250 roubles (breakfast); 450 roubles (home dinner); 650 roubles (complex dinner).

When booking tickets and hotel, please, take into account the dates of additional excursions.

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Conveners



Limnological Institute of the
Siberian Branch of the Russian
Academy of Sciences
<http://www.lin.irk.ru>



Molchanov-Sibirsky Irkutsk
Regional State Universal
Scientific Library
<http://www.irklib.ru>



Association of Lake Regions
<http://www.assoreg.ru>

Scientific Committee

- **Chair** – Andrey Fedotov, Director, Limnological Institute SB RAS, Irkutsk, Russia, Irkutsk, Russia
- **Co-Chair** – Lubov Sukhanova, Limnological Institute SB RAS, Irkutsk, Russia, Irkutsk, Russia
- Valentin Parmon, Academician, RAS Vice-President, SB RAS President, Novosibirsk, Russia
- Michael Grachev, Academician, Limnological Institute SB RAS, Irkutsk, Russia, Irkutsk, Russia
- Nikolay Dobretsov, Academician, Institute of Geology and Mineralogy SB RAS, Novosibirsk, Russia
- Michael Kuzmin, Academician, Institute of Geochemistry SB RAS, Irkutsk, Russia
- Irina Ivshina, Academician, Institute of Ecology and Genetics of Microorganisms UB RAS, Perm, Russia
- Gely Zherebtsov, Academician, Institute of Solar-Terrestrial Physics SB RAS, Irkutsk, Russia
- Arnold Tulochonov, Academician, BINM SB RAS, Ulan-Ude, Buryatia, Russia
- Nikolay Filatov, Corresponding Member, Director, Northern Water Problems Institute KarRC of RAS, Petrozavodsk, Russia
- Alexander Timchenko, General Director, Association of Lake Regions, Irkutsk, Russia
- Shamil Pozdnyakov, Dr. Sc., Director, Institute of Limnology RAS, St. Petersburg, Russia
- Alexander Puzanov, Dr. Sc., Director, Institute for Water and Environmental Problems SB RAS, Barnaul, Russia
- Dmitry Subetto, Dr. Sc., Leading Research Scientist, Northern Water Problems Institute KarRC RAS, Petrozavodsk, Dean of Geography Faculty, Herzen University, St. Petersburg, Russia
- Vladimir Fialkov, Leading Research Scientist, Baikal Museum ISC SB RAS, Listvyanka, Russia
- Vasily Smirnov, Leading Research Scientist, Baikal Museum ISC SB RAS, Listvyanka, Russia
- Vladimir Bogdanov, Corresponding Member, Editor-in-Chief of "Ecology", Yekaterinburg, Russia
- John Downing, Prof., Director of Minnesota Sea Grant, Large Lakes Observatory at the University of Minnesota Duluth, Duluth, USA
- Stephany Guildford, Prof., Department of Biology and Large Lakes Observatory, University of Minnesota, Assistant Editor, Journal of Great Lakes Research, Duluth, Minnesota, USA
- Robert Hecky, Prof., Editor, Journal of Great Lakes Research, University of Minnesota, Duluth, Minnesota, USA
- David Jewson, Dr. Sc., University of Ulster, Northern Ireland
- Georgiy Kirillin, Dr. Sc., Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Germany
- Marianne Moore, Prof. Dept. of Biological Sciences, Wellesley College, USA
- Carole Perry, Prof. Nottingham Trent University, School of Science & Technology, Nottingham, UK
- Lars Rudstam, Prof., Cornell University, Department of Natural Resources, Director, Biological Field Station at Shackelton Point, NY, USA
- Vera Slaveykova, Prof., Department for Environmental and Aquatic Sciences, University of Geneva, Geneva, Switzerland
- Robert Sterner, Dr. Sc., Director, Large Lakes Observatory at the University of Minnesota Duluth, Duluth, USA
- Kei Toda, Prof., Kumamoto University, Japan
- Masumi Yamamuro, Prof., The University of Tokyo, Japan



Address of Organising Committee:

Limnological Institute SB RAS

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Mobile tel.: +7 914-950-960-4, +7 914-892-354-1

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E-mail: fekp2018@gmail.com (for registration
and correspondence)