

2nd joint conference of European Large Lakes Symposium (ELLS) and International Association for Great Lakes Research IAGLR

ELLS-IAGLR 2

“Implications of Climate Change and Human Impact in Large Lakes”

13-19 September, 2021

Petrozavodsk, Republic of Karelia, Russia

Organized by European Large Lakes Association, IAGLR and Northern Waters Problems Institute of Karelian Research Center, Russian Academy of Sciences (KarRC RAS)

FIRST ANNOUNCEMENT

Dear colleagues,

You are cordially invited to take part in 2nd joint conference ELLS– IAGLR, “Understanding the Future of Large Lakes under Global Change: implications of Climate Change and Human Impact”, which will be held on 13-19 September 2021 in Northern Water Problems Institute (NWPI), Karelian Research Center, Russian Academy of Sciences in Petrozavodsk, Republic of Karelia, Russia.

The first ELLS took place in 2006 in Tartu, Estonia and was followed every 3rd year ELLS series. Before these meetings, four International Lake Ladoga and other large lakes symposia were organized during 1992–2002 in Russia. 5th ELLS was organized together with the IAGLR (<http://www.iaglr.org/>) in September, 2018 in Evian, France at Lake Geneva. Joining these international events is expected to increase the international visibility and foster interaction, partnership, and cooperation in research and management of large lake environments encountering local, regional and global challenges.

The slogan of ELLS-IAGLR 2 “*Understanding the Future of Large Lakes under Global Change: Implications of Climate Change and Human Impact*” covers important topics including seasonality in large lakes; long-term trends in water quality and aquatic communities; interplay of sediment micro- and macrobiota in benthic habitats; responses to stressors and climate change; emerging tools for prediction and modeling and many others. Sessions on Lake Baikal are also planned.

Main Conference Themes:

- Long-term trends in water quality and aquatic communities;
- Climate change and human impacts, and their mitigation in large lakes ecosystems
- Lake “Futures”: responses to stressors and climate change, time scales and lags, tools for predictions and dealing with uncertainty.
- The interplay of sediment, micro- and macrobiota in benthic habitats
- Food web interactions in large lakes ecosystems.
- Lake Baikal; modern state, problems and possible ways of solutions.
- Socio-ecologic-economic aspects and policy support systems for sustainable management of large lakes.

The conference is planned in the Karelian scientific center in Petrozavodsk. Petrozavodsk city with the population around 260 thousand is located on the shores of Lake Onego, one of the two (with nearby Lake Ladoga) European Russian Great Lakes. Excursions during the Symposium will explore the unique culture of the region, including a trip to the UNESCO World Heritage Site on Lake Onego’s Kizhi Island (see

<https://nameteor.ru/en/predlogeniya/meteor-v-kizhi-iz-petrozavodska>). The unique environment of Karelia can be explored at the Kivach Nature Reserve (<https://zapkivach.ru/en/>) and beautiful Valaam Island on Lake Ladoga (<https://www.valaam.com/information-in-english/>).

The Symposium will be held at the Karelian Research Centre (<http://www.krc.karelia.ru/index.php?&plang=e>). Lodging is available at numerous four stars hotels, such as the Cosmos Petrozavodsk, SPA Hotel Karelia, Peter Inn (<https://www.booking.com/city/ru/petrozavodsk.ru>).

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Dates And Deadlines:

- online registration will be open at <http://water.krc.karelia.ru/event.php?id=345&plang=r> from 01/03/2020/
- accepting submissions for publication 01/04/2020.

Conference Languages:

English.

Publications:

- materials from the conference will be posted on NWPI website (<http://water.krc.karelia.ru/>)
 - conference proceedings will be published as a special volume registered at RSCI (Russian science citation index)
 - articles in the Limnology series of the scientific journal “Transactions of KarRC RAS” (<http://journals.krc.karelia.ru/index.php/limnology/index>)
- Instructions for authors will be specified later on.

Invitations And Visa Support:

Invitation for foreign participants (if so indicated in registration form)

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