

**2ND JOINT LARGE LAKES SYMPOSIUM
ELLS-IAGLR 2**

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

**2-18 September 2022
Petrozavodsk, Republic of Karelia, Russia**

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

THIRD ANNOUNCEMENT

Dear colleagues,

Organizing committee of the 2ND JOINT LARGE LAKES SYMPOSIUM ELLS-IAGLR 2 “Implications of Climate Change and Human Impact in Large Lakes” on September 13-19, 2021 in Petrozavodsk, Republic of Karelia, Russia decided to postpone this event due to Covid-19 because in this year we should organize this symposium only in on-line format. Many colleagues are interested in visiting Petrozavodsk, Karelia. The organizing committee of the conference proposed to move data of the conference to autumn of **12-18 September 2022 as an in-person meeting and also in on-line format.**

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 **12-18 September 2022** in the Northern Water Problems Institute (NWPI), Karelian Research Center, Russian Academy of Sciences in Petrozavodsk, Republic of Karelia, Russia in Hybrid format due to covid-19. We will organize our conference in the building of the Karelian Scientific Center, where we have good equipped halls with technical capabilities. We will use Zoom, Teams for this purposes. There are several rooms where we can simultaneously use in on-line <http://www.krc.karelia.ru/index.php?&lang=e>.

On the conference we will discuss the current and future implications of the COVID-19 pandemic on the large lakes of the World research and policy community, students, and residents. We invite you to bring your questions, insights, and perspectives as we explore the Great Lakes through the lens of a pandemic. We will use the experiences of the organization international conferences in 2020- 2021 y.

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. Considering the importance of the problems of Lake Baikal for all of us, the issue of preserving this unique lake will also be discussed. 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, Fregat- all these Hotels situated on the shore line of Lake; Peter Inn, Onego Severnaja (<https://www.booking.com/city/ru/petrozavodsk.ru>) –in the downtown

International Organizing committee:

Nikolai Filatov – nfilatov@rambler.ru, (Russia)- Head
Orlane Anneville – orlane.anneville@inra.fr (France)
George Bullerjahn – bullerj@bgsu.edu (USA)

Alois Herzig – a.herzig@bnet.at (Austria)
Tiina Noges – tiina.noges@emu.ee (Estonia)
R. Michael McKay – Robert.McKay@uwindsor.ca (Canada)
Ilia Ostrovsky – ostrovsky@ocean.org.il (Israel)
Judit Padisak – padisak@almos.uni-pannon.hu (Hungary)
Nico Salmaso – nico.salmaso@fmach.it (Italy)
Arkady Terzhevnik – ark1948@list.ru (Russia)
Anne-Mari Ventela – anne-mari.ventela@pji.fi (Finland)
Gesä Weyhenmeyer – Gesä.Weyhenmeyer@ebc.uu.se (Sweden).

International programme committee:

George Bullerjahn - bullerj@bgsu.edu (USA)
Sergei Bocaniov - sbocaniov@uwaterloo.ca (Canada)
Lyubov Burlakova - burlakle@buffalostate.edu (USA)
Nikolai Filatov - nfilatov@rambler.ru, (Russia)
Andrey Fedotov - mix@lin.irk.ru, (Russia)
Alexander Karatayev - karataay@buffalostate.edu, (USA)
Georgiy Kirillin - kirillin@igb-berlin.de (Germany)
Michael McKay – Robert.McKay@uwindsor.ca (Canada)
Sergei Katsev - skatsev@d.umn.edu, (USA)
Peter Lavrentyev - peter3@uakron.edu (USA)
Tiina Noges - tiina.noges@emu.ee (Estonia)
Ted Ozersky - tozersky@d.umn.edu (USA)
Sergey Kondratyev - 3718470@gmail.com (Russia)
Anne-Mari Ventela - anne-mari.ventela@pji.fi (Finland)
Gesä Weyhenmeyer - Gesä.Weyhenmeyer@ebc.uu.se (Sweden)

Local committee:

Tatyana Regerand – regerand@nwpi.krc.karelia.ru,
Larissa Nazarova – nazarova@nwpi.krc.karelia.ru,
Natalja Kalimkina – cerioda@mail.ru,
Alexey Tolstikov – alexeytolstikov@mail.ru,
Mikhail Zobkov – duet@onego.ru,
Roman Zdrovenov - romga74@gmail.com,

Dates And Deadlines:

– online registration will be open at <https://nwpi-karelia.ru/events/5074/5076/>
from 10.02. 2022.
- accepting submissions for publication 01.05.2022.

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) In electronic and paper form.

-Instructions for authors will be specified later on.

Invitations And Visa Support: Invitation for foreign participants (if so indicated in registration form)

Contacts:

Tatyana Regerand, Petrozavodsk, Northern Water Problems Institute KarRC RAS
regerand@nwpi.krc.karelia.ru

Larissa Nazarova, Petrozavodsk, Northern Water Problems Institute KarRC RAS
nazarova@nwpi.krc.karelia.ru

NWPI KarRC RAS website - <http://water.krc.karelia.ru/event.php?id=345&plang=e>

E-mail address of the Organizing Committee –ells-iaglr2@nwpi.krc.karelia.ru