



**Conference celebrating the
30th anniversary of NWPI KarRC RAS and
75th anniversary of the Karelian Research Centre**

**Fundamental challenges and practical solutions for
water conservation and sustainable management in
Northwest Russia**

PETROZAVODSK, MARCH 19, 2021

First circular

Dear colleagues,

you are invited to take part in an online & offline conference celebrating NWPI KarRC RAS anniversary, entitled “**Fundamental challenges and practical solutions for water conservation and sustainable management in Northwest Russia**”.

Background:

- January 31, 1946 – foundation of the Karelian-Finnish Facility of the USSR Academy of Sciences, comprising the Department of Hydrology and Water Economy.
- May 14, 1991 – establishment of the Northern Water Problems Institute of the Karelian Research Centre RAS.

The conference proceedings will be posted on NWPI KarRC RAS website and published in the anniversary issue of the “Limnology and Oceanology” Series of the Scientific Journal “Transactions of KarRC RAS” (with some disciplines registered in RSCI and VAK).

<https://vak.minobrnauki.gov.ru/uploader/loader?type=19&name=91107547002&f=6198>

2172. Transactions of the Karelian Research Centre of the Russian Academy of Sciences 1997-3217
03.02.01 – Botany (biological sciences), 03.02.04 – Zoology (biological sciences), 03.02.08 – Ecology (by sectors) (biological sciences), 25.00.01 – General and regional since 28.12.2018 geology (geological and mineralogical sciences), 25.00.02 – Paleontology and stratigraphy (geological and mineralogical sciences), 25.00.03 – Geotectonics and geodynamics (geological and mineralogical sciences), 25.00.23 – Physical geography and biogeography, soil geography, and landscape geochemistry (geographical sciences), 25.00.36 – Geoecology (by sectors) (geographical sciences)

MAIN CONFERENCE THEMATIC AREAS:

- The role of hydrophysical processes aquatic ecosystem functioning. Natural trends and advanced research techniques
- Lake sediments – natural archives of local, regional, and global changes in the Earth’s geographical environment

- Biodiversity and trophic interactions in aquatic ecosystems under climate change and human impact
- Water bodies' response to climate change
- Issues in sustainable use, conservation and management of water resources
- Modeling of hydrological and biogeochemical processes
- Hydrochemical studies of marine and surface waters
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DATES AND DEADLINES:

Until January 25, 2021 – electronic registration at <http://water.krc.karelia.ru/>

Until February 1, 2021 – submission of papers for publication

Until February 10, 2021 – drafting the conference programme

Until February 15, 2021 – finalizing the programme

March 19 – conference day (11 Pushkinskaya St. and 50 Al. Nevsky Ave.)

Depending on the number of speakers, the audience may be split into parallel sessions in the afternoon.

April 25 – journal issue publication

PRESENTATION FORMATS:

- plenary talk (20 min)
- paper (10-15 min for presentation and 5 min for Q&A)
- poster (A1 format – 594 cm× 841 cm) – posted on the conference website in .pdf format

CONFERENCE LANGUAGES:

Russian and English.

PUBLICATIONS:

- conference proceedings will be posted on NWPI KarRC RAS website (<http://water.krc.karelia.ru/>)
 - articles in the “Limnology and Oceanology” Series of the Scientific Journal “Transactions of KarRC RAS” (<http://journals.krc.karelia.ru/index.php/limnology/index>)
- Instructions for contributors are published on the journal's website.

ORGANIZING COMMITTEE:

Chairperson:

Filatov N.N., RAS Corr. Academician, Northern Water Problems Institute KarRC RAS

Vice-chairperson:

Nazarova L.E., Cand. Sci., Northern Water Problems Institute KarRC RAS

Scientific Committee members:

- Kalinkina N.M., Dr. Sci.
- Zdorovenova G.E., Cand. Sci.
- Tolstikov A.V., Cand. Sci.
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