



Санкт-Петербургский  
государственный  
университет

ФЕДЕРАЛЬНОЕ  
АГЕНТСТВО  
НАУКИ И  
ОРГАНИЗАЦИИ



МОСКОВСКИЙ  
ГОСУДАРСТВЕННЫЙ  
УНИВЕРСИТЕТ  
имени М.В.ЛОМОНОСОВА



## PROGRAM

of the 5th International young scientists conference  
“Water Resources: Research and Management”  
(Limnological school and workshop)



Petrozavodsk, September 5-8, 2016



## ORGANIZING COMMITTEE

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**Nikolay Filatov**, Northern Water Problems Institute KarRC RAS

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**Arkadyi Doganovsky**, Russian State Hydrometeorological University

**Evgenyi Venetsianov**, Water Problems Institute RAS

**Aleksandr Rybalko**, All-Russian Research Institute of Geology and Mineral Resources of the World Ocean named after academician Igor Gramberg (VNIIOkeangeologia)

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**Maksim Potakhin**, Northern Water Problems Institute KarRC RAS

**Anastasia Sidorova**, Northern Water Problems Institute KarRC RAS

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**Monday, September 5**

**Registration: 10:00-11:10** (Main building, Karelian Research Centre of RAS, Pushkinskaya st., 11)

**Conference Opening** (Main Hall):

**Subetto Dmitry** (Director of Northern Water Problems Institute KarRC RAS)

**Nikolay Filatov** (Chairman of the Karelian branch of the Russian Geographical Society)

**Session 1. Geography and hydrophysics (Main Hall)**

**Chairman: Galina Zdorovenova**

**Keynote speakers:**

**11.30-12.00 – Naumenko M. A., Institute of Limnology RAS: *MODERN ISSUES OF LARGE LAKES THERMAL PROCESSES STUDIES***

**12.00-12.30 – Sobisevich A.V., Institute of the History of Science and Technology of RAS: *BIOGRAPHY OF SERGEY V. GRIGORIEV AND HIS CONTRIBUTION TO KARELIAN HYDROLOGY***

**Oral session:**

12.30-12.45 – Antonova R.F., Shchekoldina I.V. *STUDY OF WATER BODIES AS PART OF TRAINING BACHELORS MAJORING IN GEOGRAPHY (TEACHER EDUCATION)*

12.45-13.00 – Ignatov E.I., Zemlianov I.V., Sanin A.Yu., Tersky P.N. *MORPHOLOGY, DYNAMICS AND PROTECTION OF LAKE ONEGO WATERSIDES*

13.00-14.30 – Lunch

14.30-14.45 – Ignatov E.I., Zemlianov I.V., Sanin A.Yu., Borshchenko E.V., Tersky P.N. *MATHEMATICAL MODELING METHOD TO STUDY ONEGO LAKE WATERSIDES DYNAMICS AND DEVELOPMENT*

14.45-15.00 – Zharkov R.V., Kozlov D.N. *THERMAL FIELDS CRATER LAKES OF THE KURIL ISLANDS*

15.00-15.15 – Perchin D.K., Birykov R.Yu. *PROVIDING THE BASIS FOR THE CONSTRUCTION OF A CARTOGRAPHIC MODEL FOR DISTRIBUTION OF MAXIMUM SNOW WATER EQUIVALENT IN THE KASMALA RIVER BASIN (ALTAI KRAI)*

15.15-15.30 – Zdorovennova G.E., Zdorovennov R.E., Volkov S.Yu., Bogdanov S.R., Gavrilenko G.G. *IMPACT OF HYDROTHERMODYNAMICS OF THE BOTTOM LAYER OF A SMALL LAKE ON CHEMICAL AND BIOLOGICAL PROCESSES*

15.30-15.45 – Gavrilenko G.G., Zdorovennova G.E., Zdorovennov R.E., Terzhevnik A.Yu., Palshin N.I., Efremova T.V. *FORMATION OF ANAEROBIC CONDITIONS IN THE BOTTOM LAYER OF SHALLOW LAKE IN SUMMER TIME*

15.45-16.05 – *Coffee Break*

16.05-16.20 – Volkov S.Yu., Bogdanov S.R. *THE BOTTOM TOPOGRAPHY AND SPECIFICS OF THERMAL REGIME OF SHALLOW ICE-COVERED BOREAL LAKE*

16.20-16.35 – Shirokova V.A., Snytko V.A., Sobisevich A.V., Ozerova N.A., Chesnov V.M., Romanova O.S., Erman N.M., Shirokov R.S., Nizovtsev V.A. *«MUSEUM OF HISTRIC WATERWAYS»: ESTABLISHMENT AND THE IDEAS FOR THE PROJECT IMPLEMENTATION*

## **Session 2. Hydrobiology (Library Hall)**

**Chairman: Igor Baryshev**

### **Keynote speakers:**

**11.30-12.00 – Vlasov B.P., Belarusian State University: *NATURAL RESOURCES OF LAKES IN BELARUS***

**12.00-12.30 – Berezina N.A., Zoological Institute of RAS: *TOPICAL RESEARCH QUESTIONS FOR AQUATIC ECOSYSTEMS UNDER CLIMATE CHANGE AND HUMAN IMPACTS***

### **Oral session:**

12.30-12.45 – Baryshev I.A., *A SAPROBIC INDEX FOR WATER QUALITY ASSESSMENT ACCORDING TO MACROZOOBENTHOS OF RIVERS FLOWING INTO LAKE ONEGO AND LAKE LADOGA*

12.45-13.00 – Bazhora A.I., Belyakov V.P. *APPLYING MACROZOOBENTHOS CHARACTERISTICS FOR INDICATION OF ANTHROPOGENIC IMPACT ON DIFFERENT SAINT-PETERSBURG WATER BODIES*

13.00-14.30 – *Lunch*

14.30-14.45 – Zuyev Y.A., Zuyeva N.V., Lapenkov A.E. *MACROZOOBENTHOS OF LADOGA BAYS OF VALAAM ARCHIPELAGO*

14.45-15.00 – Dudakova D.S., Mykhin I.A., Stanyslavskaya E.V., Kapustina L.L., Slykovsky Z.I., Dudakov M.O. *IMPACT OF ROCK TYPE AND ITS STRUCTURAL COMPLEXITY ON PERYPHYPIC COMUNITIES*

15.00-15.15 – Savosin E.S. *STREAMFLOW INFLUENCE ON THE STRUCTURE OF MACROZOOBENTHOS IN TARASMOZERO LAKE*

15.15-15.30 – Fokina N.N., Ruokolainen T.R., Shkyarevich G.A., Nemova N.N. *MODIFICATIONS OF BLUE MUSSELS MYTILUS EDULIS L. LIPID COMPOSITION UNDER LOW SALINITY CHRONIC EFFECT*

15.30-15.45 – Trifonova M.S., Kurashov E.A., Barbashova M.A. *ON THE ISSUE OF THE CURRENT STATE OF THE INVASIVE AMPHIPOD SPECIES POPULATIONS IN THE SHCHUCHIY BAY OF LAKE LADOGA*

15.45-16.05 – *Coffee Break*

16.05-16.20 – Sidorova A.I. *THE ROLE OF BAIKALIAN AMPHIPOD GMELINOIDES FASCIATUS IN LITTORAL MACROZOOBENTHOS COMMUNITIES OF LAKE ONEGO*

16.20-16.35 – Matvienko E.Y., Kaygorodova I.A. *SPECIES DIVERSIFICATION OF BAIKAL ENDEMIC LEECHES OF FAMILY PISCICOLIDAE*

### **Мастер-классы**

<b>Main Hall of Karelian Research Centre RAS</b>	
16.45 – <i>Boris Terentev: HOBO WEATHER STATIONS AND LOGGERS (ONSET COMPUTER CORP., USA)</i>	
<b>Main Hall</b>	<b>Library Hall</b>
17.10 – <i>Chairman of the Karelian branch of the Russian Geographical Society, Nikolay Filatov: ACTIVITIES OF THE KARELIAN BRANCH OF THE RUSSIAN GEOGRAPHICAL SOCIETY</i>	17.10 – <i>Mikhail Zobkov: GEOGRAPHICAL INFORMATION SYSTEMS</i>
<b>Visit-center (Karelia Tourist portal, Titov st., 3)</b>	
18.00 – <i>Elena Kuznetsova: POSSIBILITIES OF KARELIA REPUBLIC TERRITORY USAGE FOR EDUCATIONAL TOURISM</i>	

## Tuesday, September 6

### Session 3. Hydrology and modeling (IAMR Hall)

Chairman: Aleksey Tolstikov

#### Keynote speaker:

**9.30-10.00 – Aysel G.V., Institute of Water Problems of RAS: HYDROLOGICAL MODELING: STILL SCIENCE OR ALREADY COMPUTATIONAL ENGINEERING?**

#### Oral session:

10.00-10.15 – Tsydenov B.O. *A NUMERICAL MODEL FOR INVESTIGATION OF WATER QUALITY IN A LARGE LAKE*

10.15-10.30 – Berezina O.A., Dvinshikh S.A., Maximovich N.G., Pankov N.N. *PROBLEMS OF WATER RESOURCE MANAGEMENT IN THE CASE STUDY OF THE NYTVA RESERVOIR*

10.30-10.45 – Aysel G.V. *MODELLING OF RUSSIAN ARCTIC RIVERS RUNOFF UNDER UNSUFFICIENT INFORMATION CONDITIONS*

10.45-11.00 – Shadrina A.A. *FEATURES OF THERMAL REGIME OF A THERMOKARST LAKE*

11.00-11.20 – *Coffee Break*

11.20-11.35 – Vtorova A.I. *FORMATION OF THE RIVER FLOWS IN THE UPSTREAM PART OF THE MIASS RIVER*

11.35-11.50 – Manilyuk Yu.V., Cherkesov L.V. *SEICHES AND SEICHELIKE OSCILLATIONS IN LAKE LADOGA*

11.50-12.05 – Dymova O.A. *SIMULATION OF THE SUBMESOSCALE DYNAMICAL PROCESSES IN THE BLACK SEA COASTAL ZONES*

12.05-12.20 – Doganovsky A. M., Davydenko E.V. *FEATURES OF WATER LEVEL OF LARGE EUROPEAN LAKES WITH LOW FLOW VELOCITIES UNDER CLIMATE CHANGE*

12.20-12.35 – Zyryanov V.N., Chebanova M.K. *TIDAL WAVES IN ESTUARIES*

12.35-14.00 – *Lunch*

14.00-14.15 – Tolstikov A.V., Chernov I.A. *MODELLING OF THE PELAGIC ECOSYSTEM OF THE WHITE SEA*

14.15-14.30 – Lazzari P., Solidoro C., Salon S., Bolzon G. *MODELING THE MARINE NUTRIENT LIMITATION WITH A MEDIUM COMPLEXITY BIOGEOCHEMICAL MODEL*

14.30-14.45 – Enne A.I. *MODELLING THE SEA ECOSYSTEM USING THE BFM STANDALONE MODEL*

14.45-15.00 – Bulavina A.S. *HYDROLOGICAL REGIME OF THE WESTERN WHITE SEA BASIN LAKE-RIVER SYSTEMS*

15.00-15.15 – Petryahina E.V. *ANTHROPOGENIC EUTROPHICATION AT THE KUIBYSHEV RESERVOIR UNDER THE INFLUENCE OF THE VARIABILITY OF HYDROLOGICAL CONDITIONS*

15.15-15.35 – *brief tour of computer cluster of KarRC RAS*

#### Session 4. Paleolimnology. Bottom sediments (IG Hall)

Chairman: Maksim Potakhin

##### Keynote speakers:

9.30-10.00 – Subetto D.A., Northern Water Problems Institute of KRC RAS:  
*LAKES AND PALEOLIMNOLOGICAL RECONSTRUCTIONS*

10.00-10.30 – Rybalko A.E., VNIIOkeangeologia: *STUDY OF BOTTOM TOPOGRAPHY AND QUATERNARY SEDIMENTS USING GEOPHYSICAL METHODS - SIGNIFICANT CONTRIBUTION IN PALEOGEOGRAPHY OF WESTERN SLOPE OF THE BALTIC SHIELD* (Rybalko A.E., Tokarev M.Yu., Terehina Ya.E., Potemka A.E.)

10.30-11.00 – Filimonova L.V., Institute of Biology of KarRC RAS:  
*PALEOGEOGRAPHIC STUDIES OF LAKE ONEGO AND ITS DRAINAGE BASIN USING A SET OF METHODS* (Filimonova L.V., Lavrova N.B.)

11.00-11.20 – *Coffee Break*

##### Oral session:

11.20-11.35 – Gorlach A., Hang T., Kalm V. *PALEORECONSTRUCTION OF LATE WEICHELIAN PROGLACIAL LAKES IN NORTHWESTERN RUSSIA AND NORTHERN BELARUS*

11.35-11.50 – Zobkov M.B., Subetto D.A., Tarasov A.U., Potakhin M.S. *GIS-BASED RECONSTRUCTION OF ONEGO LAKE SHORELINE DURING DIFFERENT CLIMATIC PERIODS*

11.50-12.05 – Gurbich V.A., Subetto D.A., Potakhin M.S. *PALEOGEOGRAPHIC DATA BASE PALEOONEGO DEVELOPMENT*

12.05-12.20 – Razumovsky V.L., Razumovsky V.L. *ASSESSMENT OF LONG-TERM PH CHANGE IN CAUCASUS LAKES USING BIOINDICATION METHOD (DIATOM ANALYSIS)*

12.20-12.35 – Ryazantsev P.A., Rodionov A.I., Slukovskii Z.I. *GROUND PENETRATING RADAR SURVEY OF KARELIAN SMALL LAKES SEDIMENTS*

12.35-14.00 – *Lunch*

14.00-14.15 – Ovdina E.A., Strakhovenko V.D., Yermolaeva N.I., Zarubina E.Yu., Saltykov A.V. *MODERN MINERALOGENESIS IN LAKES PETUKHOVO OF KULUNDA STEPPE*

14.15-14.30 – Ibragimova A.G., Frolova L.A., Syrykh L.S., Subetto D.A. *ANALYSIS OF SUBFOSSIL CLADOCERA (BRANCHIOPODA, CRUSTACEA) FROM BOTTOM DEPOSITS OF LAKE MEDVEDEVSKOYE (KARELIAN ISTHMUS, RUSSIA)*

14.30-14.45 – Slukovskii Z.I., Medvedev A.S. *ANALYSIS OF MAJOR COMPONENTS OF MODERN SEDIMENTARY FORMATIONS (BOTTOM DEPOSITS) OF THE URBAN ENVIRONMENT*

14.45-15.00 – Aleshin M., Golenko O., Kostromina N. *THE FIRST GEOLOGICAL AND GEOPHYSICAL WORKS 2015-2016 FOR MAPPING AND IDENTIFICATION OF UNDERWATER LANDSCAPES AND GAS SLIP IN THE HOLOCENE SEDIMENTS OF THE PETROZAVODSK BAY IN ONEGO LAKE*

15.00-15.15 – Damjanovic D., Khachatryan A, Aleshin M. *NEW DATA ON THE STRUCTURE OF THE QUATERNARY COVER OF LAKE LADOGA AS RESULT OF MULTI-CHANNEL SEISMIC PROFILING CONDUCTED IN THE COOPERATION NWPI KARRC RAS*

**15.15-15.35 – Rosentau A., Tartu University: *GIS-BASED PALEOGEOGRAPHIC RECONSTRUCTIONS OF MARINE AND LAKE BASINS***

## **Session 2. Hydrobiology (Library Hall)**

**Chairman: Andrey Georgiev**

### **Keynote speaker:**

**9.30-10.00 – Komulainen S.F., Institute of Biology of KarRC RAS: *ECOLOGICAL ASSEMBLAGE OF ALGAE IN RIVERS: CLASSIFICATION AND BIOTOPIC DIVERSITY***

### **Oral session:**

10.00-10.15 – Zubova E.M., Kashulin N.A., Terentjev P.M. *ON THE METHOD OF GROWTH RATE CALCULATION FOR WHITEFISH COREGONUS LAVARETUS (L.) INHABITING IMANDRA LAKE*

10.15-10.30 – Legun A.G., Tyrkin I.A. *FEEDING HABITS OF JUVENILE BROWN TROUT SALMO TRUTTA L. IN THE RIVERS OF ONEGO LAKE IN AUTUMN*

10.30-10.45 – Lesonen M.A., Tyrkin I.A. *THE DIET OF PERCH (PERCA FLUVIATILIS L.) AND COMMON WHITEFISH (COREGONUS LAVARETUS L.) INHABITING THE RIVER OLANGA (NP "PAANAJÄRVI")*

10.45-11.00 – Lobanova A.S., Sidorova A.I. *THE ROLE OF MACROZOOBENTHOS AS PERCH FOOD IN THE LITTORAL ZONE OF LAKE ONEGO*

11.00-11.20 – *Coffee Break*

11.20-11.35 – Istomina A.A., Belcheva N.N., Zvyagintsev A.Yu *ASSESSMENT OF MARINE POLLUTION IN THE GULF OF PETER THE GREAT (THE SEA OF JAPAN) BASED ON THE CONTENT OF POLYAROMATIC HYDROCARBON METABOLITES IN BILE OF THE FISH TRIBOLODON BRANDTII DYBOWSKII, 1872*

11.35-11.50 – Vasil'eva O.B., Nazarova M.A., Nemova N.N. *EFFECT OF KOSTOMUKSHA ORE DRESSING MILL ON THE PROCESSES OF LIPID PEROXIDATION IN THE TISSUES OF ROACH RUTILUS RUTILUS (LINNAEUS, 1758)*

11.50-12.05 – Belicheva L.A., Tyrkin I.A. *PRESENT STATE OF SALMONIDS INHABITING LAKE ONEGO URBAN TRIBUTARIES*

12.05-12.20 – Makarova E.M., Tekanova E.V. *SEASONAL DYNAMICS OF MICROBIOLOGICAL PARAMETERS IN PETROZAVODSK RIVERS*

12.20-12.35 – Fomina Yu.Yu., Syarli M.T. *ZOOPLANKTON OF PETROZAVODSK BAY OF ONEGO LAKE IN WINTER*



12.35-14.00 – Lunch

14.00-14.15 – Zuyeva N.V., Zuyev Y.A., Shevtsova Y.A. *MACROPHYTES OF LADOGA BAYS OF VALAAM ARCHIPELAGO*

14.15-14.30 – Grishanova Yu.S., Reshetnkuak O.S. *CHARACTERISTICS OF OKA RIVER'S PHYTOPLANKTON DURING ITS MAXIMUM DEVELOPMENT*

14.30-14.45 – Sileenkova E.A., Triphonova I.S. *PHYTOPLANKTON BIOMASS DYNAMICS ALONG THE RIVER VELIKAYA COURSE AS AN INDEX OF ITS ECOLOGICAL STATE*

14.45-15.00 – Michailova K.B., Sudnicina D.N. *CRYPTOGAMOUS MACROPHYTES OF LAKE PEIPSI*

15.00-15.15 – Zuyeva N.V. *USE OF MACROPHYTES IN ASSESSMENT OF ECOLOGICAL STATUS OF SMALL RIVERS*

15.15-15.30 – Erina O.N., Efimova L.E. *DISTRIBUTION OF CHLOROPHYLL-A IN THE MOZHAYSK RESERVOIR DURING THE SUMMER PERIOD*

15.40-16.00 – Coffee Break

**16.10 – Poster session (Main Hall)**

**18.30 – Cocktail dinner**

## Wednesday, September 7

### Session 5. Hydrochemistry (ILLH Hall)

Chairman: Michail Zobkov

#### Keynote speaker:

9.30-10.00 – Venitsianov E.V., Water Problems Institute of RAS: *CURRENT WATER QUALITY ISSUES*

#### Oral session:

10.00-10.15 – Zemlianov I.V., Strokov A.A., Milyutina I.Yu., Fatkhi M.O., Terskaya E.V. *STUDY OF LAKE ONEGO SEDIMENTS AND WATER QUALITY*

10.15-10.30 – Ksenofontova M.I. *FEATURES OF HYDROCHEMICAL COMPOSITION OF THERMOKARST LAKES IN CENTRAL YAKUTIA*

10.30-10.45 – Zobkova M.V. *POSSIBILITIES OF CONTENT ESTIMATE OF AUTOCHTHONOUS AND ALLOCHTHONOUS ORGANIC MATTER IN NATURE WATER USING THEIR DISTINCTIVE FEATURES*

10.45-11.00 – Chekmareva E.A. *THE INFLUENCE OF ORGANIC AND NUTRIENT LOADING ON THE WATER QUALITY OF SMALL RIVERS (THE TRIBUTARIES OF THE IVANKOVO RESERVOIR AS THE EXAMPLE)*

11.00-11.20 – Coffee Break

11.20-11.35 – Moisseva N., Churlova T., Efimova T., Kryvenko O. *ASSESSMENT OF CHLOROPHYLL A CONCENTRATION IN THE BLACK SEA BASED ON FLUORESCENCE*

11.35-11.50 – Urusova E.S., Shelutko V.A., Zhigalo A.Yu. *ISSUES OF USING METHODIC OF INTEGRATING HYDROCHEMICAL DATA FEATURES FOR ESTIMATION OF RIVER POLLUTION*

11.50-12.05 – Grechushnikova M.G., Badukov D.D., Savvichev A.S., Kazancev V.S. *SEASONAL CHANGES OF METHANE CONCENTRATION IN THE MOZHAISK RESERVOIR*

12.05-12.20 – Labuzova O.M., Noskova T.V., Lysenko M.S., Ilina E.G., Papina T.S. *QUANTITATIVE EVALUATION OF PETROLEUM PRODUCTS INFLOW FROM URBAN AREAS INTO THE NATURAL WATERWAYS*

12.20-12.35 – Kustova O.V., Gorshkov A.G. *ASSESSMENT OF CURRENT LEVEL OF PCBs IN LAKE BAIKAL*

12.35-14.00 – Lunch

### Workshops

<b>Library Hall</b>	
14.00 – <i>Tatjana Regerand: International cooperation experience – Lammi biological station (winter limnology course)</i>	
<b>IG Hall</b>	<b>Library Hall</b>
14.30 – <i>Maria Syarki: PREPARING OF GRAPHIC MATERIALS AND DISSERTATION THESIS: TECHNICAL ASPECTS</i>	14.30 – <i>Editor in Chief of Principles of Ecology Journal, Andrey Korosov: SCIENTIFIC WRITING: HOW TO PREPARE SUCCESSFUL ARTICLE</i>
<b>Library Hall</b>	
15.10 – <i>Arkadyi Terzhevik: APPLYING FOR THE RFBR PROJECT</i>	
16.00 – <i>Nadezhda Nikolaeva: COLLECTION OF ABNORMAL WOOD OF LABORATORY FOR PHYSIOLOGY AND CYTOLOGY OF WOODY PLANTS</i>	
<b>IG Hall</b>	
17.00 – <i>Oleg Lavrov: MUSEUM OF PRECAMBRIAN ECOLOGY</i>	
<b>Visit-center (Karelia Tourist portal, Titov st., 3)</b>	
20.00 – <i>Elena Kuznetsova: POSSIBILITIES OF KARELIA REPUBLIC TERRITORY USAGE FOR EDUCATIONAL TOURISM</i>	

## Thursday, September 8

– Lake Onego (on “Ecolog” research vessel)

– Kivach” Strict Nature Reserve – “Martial Waters” spa resort –  
Kondopozhskaya Hydro Power Plant

– Meteorological observing station

## Poster session (main hall)

1. Pundure L., Stankevica K., Kalnina L. *PALEOENVIRONMENTAL RECONSTRUCTION FROM LAKE SEDIMENTS OF PILCINE, LATVIA*
2. Ayzel G.V., Izhhitskiy A.S. *THE INVESTIGATION OF THE ARAL SEA LEVEL DYNAMICS BASED ON REMOTE SENSING AND CLIMATE REANALYSIS DATA*
3. Ananjeva A.V., Abramova E.N., Shakurova N.V. *STRUCTURE OF ZOOPLANKTON CENOSIS OF OXBOW LAKES ON SAMOILOVKY ISLAND (SOUTHERN PART OF DELTA LENA RIVER, SAKHA-YAKUTIA)*
4. Arakelyants A.D. *SPECIFICS OF THE HYDRODYNAMIC AND WATER QUALITY MODEL CE-QUAL W2*
5. Astafeva A.I. *FEATURES OF TEMPERATURE REGIME OF OPEN AREAS OF VALAAM ARCHIPELAGO LITTORAL ZONE IN THE OPEN WATER PERIOD (2013-2015)*
6. Bespalova K.V. *CRITERIA FOR REGULATION OF ANTHROPOGENIC LOAD WITH REGARD TO THE NATURAL FEATURES OF WATER BODIES*
7. Germanov I.V. *THE INFLUENCE OF CLIMATE CHANGE TO MAXIMAL ICE-JAM STAGE OF RIVERS OF NORTHERN EUROPEAN PART OF RUSSIA*
8. Grechushnikova M.G., Edelshtein K.K. *ESTIMATION OF PROBABLE CHANGES OF SELENGA FLOW DUE TO HYDROPOWER CONSTRUCTION IN MONGOLIA*
9. Grishantseva E.S., Bychkov A.U., Shyrupova S.A. *RARE EARTH ELEMENTS IN THE AQUATIC PLANTS OF IVANKOVO RESERVOIR*
10. Ditina V.E. *ANTHROPOGENIC LOAD ON LAKE LADOGA ECOSYSTEM*
11. Dovgaya S.V. *MODELING OF PROCESSES IN THE SEA OF MARMARA*
12. Kantserova N.P., Lysenko L.A., Nemova N.N. *CALCIUMDEPENDENT PROTEASES OF CALPAIN FAMILY AS THE HEALTH STATUS INDICATORS UNDER THE ACTION OF ANTHROPOGENIC FACTORS*
13. Kozlova A.V., Zueva N.V., Kulichenko A.Y. *USING TOXICOLOGICAL CHARACTERISTICS FOR INTEGRATED ASSESSMENT OF THE ECOLOGICAL STATUS OF AQUATIC ECOSYSTEM*
14. Kozyreva E.O., Shelutko V.A. *ANALYSIS OF GENERALIZED RIVER WATER POLLUTION'S EXPONENTS BY THE EXAMPLE OF POLLUTION ESTIMATION OF THE VELIKAYA RIVER*
15. Korneyeva K.O., Khoroshevskaya V.O. *COMPARISON OF SEASONAL CONTENT OF BIOMETALS (VANADIUM, NICKEL) IN PROFILE ESTUARINES BOTTOM SEDIMENTS OF RIVERS DON, MIUS AND OF THE GULF OF TAGANROG*
16. Kochergin V.S., Kochergin S.V. *TRANSPORT MODEL OF PASSIVE ADMIXTURE FROM A POINT SOURCE IN THE AZOV SEA AT DIFFERENT WIND DIRECTIONS*

17. Krainukova I.A. *GROUNDWATER OF CONTACT ZONE BETWEEN BALTIC SHIELD AND RUSSIAN PLATE: THE REFLECTION OF CLIMATIC CHANGES ON THE BASE OF ISOTOPIIC COMPOSITION (DEUTERIUM, OXYGEN-18)*
18. Kulik N.V. *TRANSFORMATION OF TRACE ELEMENTS IN LAKES SYSTEMS*
19. Markova N.V. *ANNUAL VARIABILITY OF TEMPERATURE, SALINITY AND CURRENTS IN THE BLACK SEA NORTH-WESTERN SHELF AS THE RESULT OF NUMERICAL MODELLING*
20. Maslennikova A.V., Udachin V.N., Aminov P.G. *FIRST DATA ON CHEMICAL COMPOSITION FACTORS OF THE SOUTHERN AND MIDDLE URALS LAKE SEDIMENTS*
21. Miklashevskaya N.A. *RESPONSE OF SEA LEVEL TO WIND EFFECTS*
22. Mihailova V.V. *THE GREATEST LAKES OF THE WORLD*
23. Mikhalap S., Drozdenko T. *PHYTOPLANKTON OF THE VELIKAYA RIVER DELTA IN SUMMER PERIOD*
24. Myasnikova N.A. *HYDROLOGICAL ROLE OF RESIDENTIAL AREAS AND STRETCHES OF LAND WITH ALMOST IMPERMEABLE SURFACES UNDER VARIOUS CLIMATIC CONDITIONS*
25. Nigmatzyanova G.R., Frolova L.A. *HYDROBIOLOGICAL INVESTIGATIONS IN THE LENA RIVER DELTA (2014)*
26. Primak E.A., Zuyeva N.V. *INTEGRATED ASSESSMENT OF ECOLOGICAL WELL-BEING OF WATER BODY*
27. Pyzhova V.V., Nikitina T.V. *ASSESSMENT OF THE ILMEN LAKE ZOOBENTHOS UNDER THE INFLUENCE OF ANTHROPOGENIC FACTORS*
28. Rubtsova S.I. *ENVIRONMENTAL ASSESSMENT AND ENVIRONMENTAL SAFETY IN THE CONTEXT OF THE INTEGRATED STUDY OF THE BLACK SEA CONDITION*
29. Semadeni I.V., Voyakina E.Yu. *FEATURES OF THE PRODUCTION AND DESTRUCTION PROCESSES IN SMALL LAKES OF THE VALAAM ISLAND*
30. Sokolov D.I. *RELATION BETWEEN ORGANIC MATTER CONTENT AND WATER DISCHARGE IN TRIBUTARIES OF THE MOZHAYSK RESERVOIR*
31. Terenteva Yu.A. *DEVELOPMENT OF ECOLOGY-EDUCATIONAL TOURISM ON LAKE LADOGA SHORE*
32. Titova K.V., Kokryatskaya N.M., Panova T. *ASSESSMENT OF HOUSEHOLD EFFECT ON THE FLOW OF SULFATE (DISTRIBUTION OF SULFUR COMPOUNDS) PROCESS FOUND IN BOTTOM SEDIMENTS OF A SMALL LAKE SVYATOE (KONOSHA DISTRICT, ARKHANGELSK REGION)*
33. Urusova E.S., Kozyreva E.O., Kozlov E. *NUTRIENT POLLUTION OF SMALL RIVERS IN SAINT-PETERSBURG AND THE LENINGRAD REGION*
34. Frolov A.V., Vyrychalkina T.Y., Sakisyan S.G. *MODELING OF THE BOLSHOE YASHALCHINSKOE LAKE'S WATER-SALT BALANCE*

35. Frolova L.A., Nigamatzhyanova G.R., Pestrykova L.A., Subetto D.A. *STRUCTURAL AND FUNCTIONAL CHARACTERISTICS OF ZOOPLANKTON COMMUNITY OF LAKE SUTURUOKH (INDIGIRKA RIVER BASIN, EASTERN SIBERIA)*
36. Tsydenov B.O. *MODELLING OF PLANKTON BIOMASS DYNAMICS DURING SPRING HEATING OF A WATERBODY*
37. Cherezova A.A., Fedorov G.B., Savelieva L.A., Bobrov N.Yu., Bolshiyarov D.Yu., Krylov S.S., Titov A.V., Fedorov A.G. *LATE GLACIAL AND HOLOCENE HISTORY OF ENVIRONMENTAL CONDITIONS ON THE VALDAI HIGHLAND BASED ON LAKE SEDIMENT STUDY*
38. Shaban M.S., Stepanova A.B. *COMPARATIVE ANALYSIS OF THE INTERANNUAL PH VALUE VARIABILITY AND WATER TRANSPARENCY IN THE FOREST LAKELETS WITH SLUMPY WATER COLLECTION ON THE EASTERN SHORE OF VALAAM ISLAND*

## Notes

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# Origin of the Conference Participants

