

**Institute of the Earth's Crust SB RAS
International Association of Hydrogeologists**



PROGRAMME

**International Conference on
GROUNDWATERS IN THE EAST OF RUSSIA
(XXV Conference on Groundwaters
of Siberia and the Far East)**

June 21-27, 2026

**Irkutsk
2026**

Chair of the Organizing Committee:

Dr. Sci. Sergey V. Alekseev

IEC SB RAS, Irkutsk

Vice-Chair:

PhD Alexander M. Kononov

IEC SB RAS, Irkutsk

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EUGENE V. PINNEKER

On the Centenary of His Birth



In June 2026, the scientific community will mark the 100th anniversary of the birth of Eugene V. Pinneker, an outstanding world-renowned scientist, head of the Siberian school of hydrogeology, laureate of the USSR State Prize and the USSR Council of Ministers Prize, and Corresponding Member of the Russian Academy of Sciences.

E.V. Pinneker's name is associated with the definition of hydrogeology as the science of the underground hydrosphere: the study of all forms of water in the Earth's interior. The scientific principles he formulated laid the foundation for strategic approaches and methodologies in theoretical and applied hydrogeology.

In 1950, E.V. Pinneker graduated from Tomsk Polytechnic Institute with a degree in geological engineering. In 1955, he entered postgraduate studies at the Institute of Geology of the East Siberian Branch of the USSR Academy of Sciences (now the Institute of the Earth's Crust SB RAS) under Professor V.G. Tkachuk. From that year onward, E.V. Pinneker's scientific career was inextricably linked with the Institute.

In 1959, after successfully completing his postgraduate studies, he defended his Candidate of Sciences dissertation at Tomsk Polytechnic Institute on "Groundwater of the Irkutsk-Cheremkhovo Industrial Region." The next milestone in Eugene V. Pinneker's scientific biography was the defense of his Doctor of Sciences dissertation, "Brines of the Angara-Lena Artesian Basin," in 1966 at VSEGINGEO (Moscow). In 1970, E.V. Pinneker was awarded the title of Professor, and in 1990 he was elected a Corresponding Member of the Russian Academy of Sciences in the Department of Geology, Geophysics, and Geochemistry.

For many years, Eugene V. Pinneker headed the Commission for the Study of Groundwater in Siberia and the Far East, later the Siberian Section of the Scientific

Council of the Russian Academy of Sciences on Problems of Geoecology, Engineering Geology, and Hydrogeology. The key tasks of the Commission were coordinating hydrogeological, engineering-geological, and geocryological research in Siberia and the Far East, as well as organizing and holding conferences. Thanks to Eugene V. Pinneker, these conferences became regular, bringing together hydrogeologists from across Russia and numerous former Soviet republics.

E.V. Pinneker authored and co-authored more than 300 scientific works. His contribution to the six-volume monograph “Fundamentals of Hydrogeology”, which received national and international recognition, is invaluable. Under his supervision, 22 Candidates of Sciences and 3 Doctors of Sciences were trained. His students and followers continue to work productively in Russia and abroad.

The XXV Conference on Groundwater of Eastern Russia, to be held at Lake Baikal for the first time, is dedicated to this significant event: the anniversary of Eugene V. Pinneker.

Participant registration will take place at the Institute of the Earth's Crust SB RAS, Irkutsk, 128 Lermontov St.



How to get to the Institute (the organizing committee recommends using taxi services:

From the airport: by Yandex Taxi, with fares from RUB 300; by public transport: minibus No. 45 or 90, or bus No. 80 or 90, to the Akademgorodok Hospital or Akademgorodok stop.

From the railway station: by Yandex Taxi, with fares from RUB 200; by minibus No. 72 to the Akademgorodok Hospital or Akademgorodok stop; or by tram No. 1 to the Studgorodok terminus, followed by bus No. 3, 18, 77, 80, or 90 to the Akademgorodok Hospital or Akademgorodok stop.

GENERAL CONFERENCE PROGRAMME

June 21 (Sunday)	14:00-18:00 – Participant registration, foyer of IEC SB RAS
June 22 (Monday)	8:00-10:00 – Participant registration, foyer of IEC SB RAS 10:00-13:00 – Conference opening and plenary session 13:00-14:30 – Lunch break; independent arrangements 14:30-15:30 – Visit to the IEC SB RAS Museum 18:00 – Memorial dinner in honour of E.V. Pinneker at MANGAL restaurant (Irkutsk, 8B Bezbokova St., Building 1)
June 23 (Tuesday)	9:00 – Organized departure for Listvyanka 10:00-12:00 – Visit to the Taltsy Architectural and Ethnographic Museum 12:00-13:00 – Picnic on the museum grounds 13:00-14:00 – Visit to the Baikal Museum, SB RAS, Listvyanka From 15:00 – Check-in at hotel complexes
June 24 (Wednesday)	9:00-19:00 – Sectional sessions. Conference hall, Krestovaya Pad Hotel Complex, Listvyanka
June 25 (Thursday)	
June 26 (Friday)	9:00-14:00 – Sectional sessions 14:00-16:00 – Lunch break; independent arrangements From 16:00 – Poster session, buffet reception, and conference closing on the veranda of the Krestovaya Pad hotel veranda
June 27 (Saturday)	10:00 – Organized return to Irkutsk

Official languages: Russian and English

June 22 (Monday)

10:00-13:00 PLENARY SESSION

Venue: Institute of the Earth's Crust SB RAS, Irkutsk, 128 Lermontov St., IEC SB RAS, Conference Hall

Chair: PhD Alexander M. Kononov

Institute of the Earth's Crust SB RAS

10:00–10:30	D.P. Gladkochub <i>Director of IEC SB RAS, Corresponding Member of RAS and conference guests</i>	Opening of the conference and welcoming remarks to participants
10:30–10:55	Pavlova S.E. , <i>daughter of E.V. Pinneker</i>	The Circle of Eternity
10:55–11:20	Alekseeva L.P. , <i>IEC SB RAS</i>	E.V. Pinneker, Founder of the Siberian School of Hydrogeology.
11:20–11:45	Jiang Xiaowei , <i>Professor and Associate Dean, China University of Geosciences</i>	Mechanisms Driving Hydrochemical Evolution from HCO ₃ –Ca–Mg-Dominated to HCO ₃ –Na-Dominated Groundwater in Two Aquifers of the Ordos Basin, NW China
11:45–12:10	Khaustov A.P. <i>RUDN university</i>	Early hydrogeochemical studies of mineral waters in Eastern Siberia by E.V. Pinneker (<i>Remote report</i>)
12:10–12:35	Vakhromeev A.G. , Danilova M.A., Demidova E.V., et al. <i>IEC SB RAS; LLC “RN GIR”</i>	Towards the Concept of a Deep Magmatogenic Source of REE and Lithium in Industrial Brines of the Siberian Platform
12:35–13:00	Kiryukhin A.V. , Solomatin A.V., Polyakov A.Yu., Lemzikov M.V., Burnaykin D.N.	Response of geofluid systems to the Mw = 8.8 earthquake in Kamchatka (07/29/2025).
13:00–14:30	Lunch break; independent arrangements	
14:30–15:30	Guided tour to the IEC SB RAS Museum	
18:00	Memorial dinner in honour of E.V. Pinneker MANGAL restaurant	

June 23 (Tuesday)

9:00	Organized departure for Listvyanka
10:00–12:00	Visit to the Taltsy Architectural and Ethnographic Museum
12:00–13:00	Picnic on the museum grounds
13:00–14:00	Visit to the Baikal Museum of SB RAS
c 15:00	Check-in at hotel complexes

June 24 (Wednesday)

9:00–13:00 Morning session

Venue: Conference hall, Krestovaya Pad Hotel Complex, Listvyanka

**HYDROGEOLOGY IN THE 21st CENTURY: FUNDAMENTAL
AND APPLIED PROBLEMS**

Chair: Dr. Sci. Sergey N. Tagiltsev
Ural State Mining University

9:00-9:15	Abukova L.A., Seliverstova M.E., Abdrashitova R.N.	Geofluidodynamic features of deeply buried hydrocarbon systems within petroleum basins (in the context of E.V. Pinneker's scientific positions)
9:15-9:30	Plavnik A.G., Salnikova Yu.I.	Modern hydrogeochemical conditions of formation waters in Aptian-Albian-Cenomanian deposits of Western Siberia
9:30-9:45	Tagiltsev S.N., Pachina E.P., Tagiltsev V.S.	Geomechanical basis for the development of modern permeability in hard rocks
9:45-10:00	Auzina L.I., Verkhazin I.I.	Training of hydrogeologists at Irkutsk National Research Technical University: yesterday, today, tomorrow

**HYDROCHEMISTRY, ISOTOPY, MICROBIOLOGY OF THE
UNDERGROUND HYDROSPHERE**

Chair: Dr. Sci. Olesya E. Lepokurova

*Tomsk Branch of the A.A. Trofimuk Institute of Petroleum Geology and Geophysics
SB RAS*

10:00-10:15	Poturay V.A., Zippa E.V., Ukrain tsev A.V., Fedorov I.A., Toropov A.S.	Organic matter in hot springs of the Baikal Rift Zone
10:15-10:30	Ukrain tsev A.V., Poturay V.A., Chernyavsky M.K.	Dissolved organic matter in cold springs of the Barguzin Valley
10:30-10:45	Coffee/Tea Break	

10:45-11:00	Zakharenko A.S., Bukin S.V., Aslamov I.A., Sakirko M.V., Chebykin E.P., Rasskazov S.V., Zemskaya T.I.	Microbial communities of groundwater in the Kultuk Reservoir (Southern Baikal)
11:00-11:15	Mukhortina N.A. Zippa E.V.	Polycyclic aromatic hydrocarbons in thermal waters of the central part of the Baikal Rift Zone.
11:15-11:30	Zippa E.V., Borzenko S.V.	Isotopic composition and forms of sulfur in thermal waters of the central part of the Baikal Rift Zone
11:30-11:45	Bragin I.V., Pavlov A.A., Alexandrov I.A.	Geochemistry of trace elements in carbonic subthermal waters of the Kalar Ridge (Baikal Rift Zone)
11:45-12:00	Kharitonova N.A., Kazak E.S., Chelnokov G.A., Karabtsov A.A., Aseeva A.V., Lavrushin V.Yu.	Isotopic composition of oxygen ($\delta^{17}\text{O}$, $\delta^{18}\text{O}$) and hydrogen (δD) in the water component of mud volcanoes in the West Kuban Trough: experimental studies
12:00-12:15	Domrocheva E.V., Korol I.S., Mukhortina N.A.	Organic matter as an indicator of pollution sources and geochemical processes in natural waters of Kuzbass
12:15-12:30	Dutova E.M., Sadirov M.Sh., Vologdina I.V., Asochakova E.M., Karimova D.B.	Modern hydrogenic carbonate mineral neoformations within the northeastern part of the Kolyvan-Tomsk folded zone
12:30-12:45	Kasimov Zh.D., Trifonov N.S., Kudryashova L.K.	Paleogeographic and paleotectonic reconstructions of Aptian-Albian-Cenomanian deposits within the Varyegan Megaswell
12:45-13:00	Kayukova E.P., Petrov S.V.	On the chemical composition of natural waters of the Kondyor platinum deposit (Khabarovsk Krai)
13:00–14:30	Lunch break; independent arrangements	

14:30-19:00 Afternoon session
HYDROCHEMISTRY, ISOTOPE, MICROBIOLOGY OF THE
UNDERGROUND HYDROSPHERE

Chair: Dr. Sci. Natalia A. Kharitonova
Lomonosov Moscow State University

14:30-14:45	Lepokurova O.E.	"Heavy" biogenic dissolved organic carbon ($\delta^{13}\text{C}$) in waters of sedimentary deposits in Western Siberia
14:45-15:00	Drebot V.V., Velyuga D.M., Domrocheva E.V.	First data on the isotopic composition of chlorine ($\delta^{37}\text{Cl}$) in groundwater of coal-bearing areas of Kuzbass
15:00-15:15	Pavlov S.Kh.	Relationship between the formation of inversion waters and mineral zonation
15:15-15:30	Vashurina M.V., Plavnik A.G., Gulyaeva Yu.V.	Priority factors in the formation of fresh groundwater chemical composition within the Sredneobsky Basin

MINERAL, THERMAL, AND INDUSTRIAL GROUNDWATER

Chair: Dr. Sci. Lyudmila S. Rybnikova
Institute of Mining, Ural Branch RAS

15:30-15:45	Rybnikova L.S., Rybnikov P.A.	Problems of hydrogeoecology of mining areas at the post-operational stage
15:45-16:00	Golubev V.A.	Hydrothermal systems, glaciations, and prospects for thermal water exploration in the Baikal region
16:00-16:15	Danilova M.A., Vakhrmееv A.G., Levin A.V., Gubin I.A., Sergeeva A.V., Korzun A.V., Lykov R.S., Meshkov A.V., Rogov V.I., Gorokhov A.P., Formugina I.A.	Formation of promising industrial lithium rare-metal brine bodies resulting from the influence of trap magmatism on the Siberian Platform
16:15-16:30	Guseva N.V., Zaprigalova V.A., Khvashchevskaya A.A.	Behaviour of lithium in groundwater brines
16:30-16:45	Coffee/Tea Break	

16:45-17:00	Kalacheva E.G., Voloshina E.V.	Pushchinsky springs of carbonic thermal waters (Kamchatka): chemical composition and resource potential
17:00-17:15	Kotovich A.D., Spektor S.V.	Results of special hydrogeological zoning of geothermal groundwater in Kamchatka
17:15-17:30	Korzun A.V., Kharitonova N.A., Baranovskaya E.I.	Trace elements in formation waters of salt-bearing regions of the Caspian Depression
17:30-17:45	Fomina Ya.V.	Current challenges in subsoil use in the field of hydromineral raw materials
17:45-18:00	Rybnikov P.A., Rybnikova L.S.	Patterns in the formation of hydrogeological conditions of solid mineral deposits during their extraction
18:00-18:15	Pavlenko O.L., Kurochkin V.Yu.	Recreational use of mineral waters in Tyumen Oblast. Problems and prospects
18:15-18:30	Baranovskaya E.I., Kharitonova N.A., Chelnokov G.A.	Hydrogeochemical conditions for the formation of mineral waters in the Issyk-Kul intermountain artesian basin
18:30-18:45	Petrov V.V.	On the issue of assessment and accounting of prognostic resources of category P~3~ of useful chemical components of associated liquid ores when creating State Geological Maps at scales 1:1,000,000 – 200,000
18:45-19:00	Dabu N., Il'in A.V., Abramov V.Yu.	Results of 30-year monitoring of the impact of the reverse injection system on groundwater in the Mirny District (1990-2022)

June 25 (Thursday)

9:00--13:00 Morning session

HYDROGEODYNAMICS AND GROUNDWATER RESOURCES

Chair: Dr. Sci. Sergey P. Pozdnyakov

Lomonosov Moscow State University

9:00-9:15	Pozdnyakov S.P. , Grinevsky S.O., Samartsev V.N., Lekhov V.A., Wang P.	Regional assessment of groundwater flow in the European part of Russia based on data from the late 20th–early 21st centuries
9:15-9:30	Ozersky A.Yu. , Pushkareva O.V., Karaulov V.A., Panov E.A.	Features of the upper hydrogeodynamic belt in the massif of Archean crystalline rocks on the Yenisei Ridge
9:30-9:45	Gorbunova E.M. , Kabichenko N.V., Petukhova S.M.	Features of the groundwater regime formation in the central part of the Moscow Artesian Basin (case study of the IDG RAS "Mikhnevo" site)
9:45-10:00	Grinevsky S.O. , Pozdnyakov S.P., Grigoriev V.Yu., Lekhov V.A.	Climatic and hydrogeological factors of regional variability of groundwater flow in the European territory of Russia
10:00-10:15	Kharkhordin I.L. , Shkil I.E., Kharkhardina E.I., Nazima V.V.	Use of horizontal wells to reduce pressure in the near-slope massif: field observations and numerical modelling
10:15-10:30	Vladimirov K.V.	Experience in assessing groundwater flow of small river catchments using the hydrograph separation method
10:30-10:45	Coffee/Tea Break	
10:45-11:00	Bülbul A. , Hakkı Aydın	Obstacles in Turkish Geothermal Projects
11:00-11:15	Acar Y., Kaçan K., Özdemir K.N. , Olgun B.	Seasonal investigation of freshwater resources feeding Gökova Bay (Mugla-Turkey)
11:15-11:30	Shamov V.V. , Shayguzov R.S.	Statistical assessment of groundwater transit time to the transboundary Lake Khanka (Primorsky Krai, RF)
11:30-11:45	Egorov T.S. , Dubrovin K.A., Kozlov Yu.A.	Quantitative assessment of groundwater flow in Arctic territories under conditions of limited study
11:45-12:00	Maslov A.A.	Features of constructing predictive models for head fluctuations in complex hydrogeological conditions based on operational experience data from the Essentuki mineral groundwater field

GROUNDWATER IN REGIONS WITH CONTRASTING GEOLOGICAL, STRUCTURAL AND CLIMATIC CONDITIONS

Chair: PhD Nadezhda A. Pavlova
Melnikov Permafrost Institute SB RAS

12:00-12:15	Gagarin L.A., Nikolaeva E.S.	Modern distribution of groundwater aufeis (icing) in the Aldan-Timpton interfluve
12:15-12:30	Wang P., Liu S., Yu J., Pozdniakov S.P.	Increasing role of groundwater in cold-region hydrological processes under a warming climate
12:30-12:45	Baishev N.E., Ogonerov V.V., Danzanova M.V.	Chemical composition and genesis of aufeis (icing) in the zone of the "Lena" highway (Never-Tommot section)
12:45-13:00	Wang T., Wang N., Wang P.	Permafrost state determines the non-uniform response of river runoff to climate warming
13:00-14:30	Lunch break; independent arrangements	

14:30–19:00 Afternoon session

GROUNDWATER IN REGIONS WITH CONTRASTING GEOLOGICAL-STRUCTURAL AND CLIMATIC CONDITIONS

Chair: PhD Leonid A. Gagarin
Melnikov Permafrost Institute SB RAS

14:30-14:45	Fedorov M.A., Pavlova N.A., Fedorov A.A.	Subaqueous discharge of sub-permafrost water into the sub-channel talik of the Vilyuy River at the boundary of the Ygyattinskaya Depression and the Suntar Swell
14:45-15:00	Liu S., Wang P., Yu J., Pozdniakov S.P., Kazak E.S., Huang Q.	Surface-water fingerprints of groundwater mobilization under permafrost thaw
15:00-15:15	Gorokhova N.B.	Water level regime of groundwater in the sub-channel talik in the middle reaches of the Lena River (Central Yakutia)
15:15-15:30	Potapova E.Yu.	Typification of fresh groundwater deposits in intermountain depressions of Transbaikalia and the Baikal region

15:30-15:45	Wan X.Y., Cheng S.Y., Wang H. X., Zhang R., Yin Y.C., Li X.J.	Analysis of spatiotemporal differences in shallow groundwater response to extreme precipitation in the Beijing plain
15:45-16:00	Polubelova A.V., Ogonerov V.V., Efremov V.S.	Heliothermal lakes at the discharge site of cold groundwater brines in the Kempendyayskaya Depression
16:00-16:15	Gaidukevich V.A., Pavlova N.A., Polubelova A.V.	Features of hydrogeological conditions of the Nera River basin in the Oymyakonsky District of the Sakha Republic (Yakutia)
16:15-16:30	Coffee/Tea Break	

THE UNDERGROUND HYDROSPHERE UNDER TECHNOGENESIS CONDITIONS

Chair: PhD Andrey Yu. Ozersky
JSC "Krasnoyarskgeologiya"

16:30-16:45	Maksimovich N.G., Mizev A.A., Berezina O.A., Demenev A.D.	Prospects for extracting rare earth elements from outflows of acid mine drainage in the Kizelovsky coal basin
16:45-17:00	Dedyulin I.N. Vasilevskii P.Yu, Shumikhin V.M.	Physicochemical thermodynamic modelling of ore-bearing reservoir acidification at the Dobrovolnoye deposit
17:00-17:15	Abdrashitova R.N., Salnikova Yu.I., Kovyatkina L.A., Semenova T.V.	On the nature of hydrogeochemical anomalies in oil fields of the West Siberian Megabasin
17:15-17:30	Misailov I.E., Semenov V.P.	Assessment of the influence of drainage brine injection on the thermal state of the cryolithozone (Oktyabrsky site, northwestern Yakutia) based on a geothermal approach
17:30-17:45	Yu J., Wang L.F., Wang P., Liu C.M.	From expansion to recovery: groundwater depression cones in the North China Plain
17:45-18:00	Musin R.Kh., Galieva A.R.	Role of the geological environment in forming environmentally safe conditions for the operation of large industrial enterprises (case study of an oil refining industrial zone in Tatarstan)

18:00-18:15	Khabibullin R.R. , Kasimov Zh.D., Trifonov N.S., Kudryashova L.K., Martynova S.A., Kolubaeva Yu.V.	Comprehensive assessment of filtration-capacitance properties of the Upper Albian-Cenomanian aquifer at the Talinsky subsoil area
18:15-18:30	Pashagin A.V. , Dutova E.M., Lyudvig V.M.	Quarry water settling ponds as sources of groundwater hydrosphere pollution in Kuzbass
18:30-18:45	Afonin A.I. , Popova V.E., Nagornova M.M., Shamshev A.A., Shvarts A.A., Nikulenkov A.M.	Assessment of factors influencing the composition of mine water during the development of copper-nickel deposits in the Talnakh ore cluster

June 26 (Friday)

9:00--13:00 Morning session GROUNDWATER QUALITY AND PROTECTION

Chair: Dr. Sci. Natalia V. Guseva

National Research Tomsk Polytechnic University

9:00-9:15	Milkina M.V., Rumynin V.G., Nikulenkov A.M., Rozov K.B., Gembel L.R. , Ereev D.A.	Study of anomalous radionuclide transport in fractured aquifers (related to the problem of radioactive waste disposal in geological formations)
9:15-9:30	Kozlov Yu.A. , Egorov T.S.	Cartographic modelling of the hydrographic network for assessing groundwater vulnerability in permafrost conditions
9:30-9:45	Rozov K.B. , Rumynin V.G., Pupina V.A., Milkina M.V., Nikulenkov A.M., Gembel L.R.	Influence of colloidal particles on radionuclide transport dynamics in deep geological disposal conditions for radioactive waste
9:45-10:00	Filimonova E.A. , Repnikova D.A., Tolstunov M.I.	Contamination of spring waters in the southwestern part of the Crimean Peninsula with plastic microparticles
10:00-10:15	Novikov D.A.	Role of dissolved organic matter in the contamination of drinking groundwater in southern Western Siberia
10:15-10:30	Popov V.N.	Hydrogeological aspects of determining the

		boundaries of mining sanitary protection zones for mineral water deposits
10:30-10:45	Dultsev F.F.	Radiological characteristics of natural waters in the eastern districts of Novosibirsk Oblast
10:45-11:00	Coffee/Tea Break	
11:15-11:30	Lai Z.	Revisiting Iron Pollution in Acid Mine Drainage from Abandoned Coal Mines: A Novel Perspective and Mechanistic Insights
11:30-11:45	Yandola N.I.	Arsenic in groundwater of the eastern part of Novosibirsk Oblast
11:45-12:00	Porowski A., Romanova A.A.	Occurrence and distribution of REE in edge oil-field waters of flysch sedimentary basin, Polish Outer Carpathians
12:00-12:15	Purgina D.V.	Subaqueous discharge – an unaccounted source of methane in the Black Sea
12:15-12:30	Chernykh V.V.	Contamination of spring waters in the eastern districts of Novosibirsk Oblast with chemical elements of hazard class I
12:30-12:45	Xiao G., Zhou L., Liu Y.	Research on Simulation Optimization and Prediction Algorithm for In-situ Treatment of Mine Drainage Based on ML-NSGAI
12:45-14:00	Lunch break; independent arrangements	

MODERN METHODS AND TECHNOLOGIES OF HYDROGEOLOGICAL RESEARCH

Chair: Dr. Sci. Galina N. Kopylova

Kamchatka Branch of the Federal Research Centre "Unified Geophysical Service of RAS"

14:00-14:15	Aksyonovskaya A.A., Smagina T.N., Savelyev E.A.	Features of hydrogeological modelling of plan-isolated reservoirs in permafrost conditions using the example of a water intake in the Sakha Republic (Yakutia)
14:15-14:30	Kopylova G.N., Boldina S.V.	Hydrogeological effects in the near-field zone of the Kamchatka mega-earthquake on July 29, 2025, $M \sim W \sim 8.8$ (based on precision borehole observations)
14:30-14:45	Neuvvazhaev G.D., Petrova D.V., Ozersky D.A., Smirnov K.D., Blokhin P.A., Rastorguev A.V.	Assessment of filtration properties of fractured rocks at the Yeniseisky site based on pumping test data.
14:45-15:00	Pyatov V.V.,	Integrated use of remote sensing data to

	Dubrovin K.A.	identify regional hydrogeological features of the territory in the permafrost zone
15:00-15:15	Smirnov A.S.	Role of hydrogeological research in studying water-saturated reservoirs at the Kovyktinskoye GKM (Gas Condensate Field)

17:00 - Conference closing: Discussion and Summary of Results

14:00--17:00 POSTER SESSION

Venue: Veranda of the Krestovaya Pad hotel

1. **Alekseeva L.P., Alekseev S.V., Durban L.A.** Determination of brine composition by various methods. Assessment of the degree of convergence of results.
2. **Arakchaa K.D.** Healing waters of Tuva: from E.V. Pinneker's research to arzhanaology
3. **Badminov P.S., Arakchaa K.D., Orgilyanov A.I., Eskin A.Yu., Shagun A.N., Kryukova I.G.** Taryssky springs of thermal waters (Republic of Tyva): state and prospects for use.
4. **Danzanova M.V., Baishev N.E., Ogonerov V.V.** Dynamics of the water level regime and chemical composition of supra-permafrost cryopegs in an annual cycle (Yakutsk).
5. **Efremov E.Yu., Rybnikov P.A., Rybnikova L.S.** Justification of hydrogeoecological safety for the application of the in-situ leaching method in the extraction of gold deposits from weathering crusts in the Ural region.
6. **Glotov V.E.** Tectonic control of modern geocryological features of the Anadyr petroleum basin.
7. **Glotov V.E., Ushakov M.V.** Role of the seasonally thawed layer in the runoff formation of mountain rivers in north-eastern Russia during the winter low-water period.
8. **Gorbunova M.P., Pashkova G.V., Finkelstein A.L.** Features of determining major elements in brines using different X-ray fluorescence analysis options.
9. **Gurhan G.** High-Order Upwind Finite Difference Schemes Combined with the Method of Lines for Advection-Diffusion Problems.
10. **Ivanova L.D.** Supra-permafrost waters of the seasonally thawed layer and talik waters of mixed recharge in Eastern Yakutia.
11. **Kalacheva E.G., Voloshina E.V., Topchieva O.M.** Formation of cold alkaline waters under conditions of modern serpentinization (case study of the Soldatsky springs, Kamchatka).
12. **Khabibullin R.R., Kolubaeva Yu.V., Trifonov N.S.** Assessment of compatibility of formation and injected waters at the Talinsky subsoil area of the Krasnoleninskoye oil and gas condensate field.
13. **Khankhaksinov I.N., Zelinskaya E.V., Barakhtenko V.V., Filatova E.G., Monkhoroeva L.M., Tolmacheva N.A., Stupin E.O.** Prospects for lithium extraction from hydromineral resources of the Siberian Platform.
14. **Kononov A.M., Gutareva O.S., Waks A., Breitenbach S.F.M., Henderson G., Umbo S., Margerum D., Box M., Osintsev A.V., Sokolnikov D.S., Dashtseren A., Narangerel C.** Paleoclimatic reconstructions and hydrogeochemical features of caves in Eastern Siberia and Mongolia.
15. **Lebedeva L.S.** Assessment of groundwater recharge sources in continuous permafrost zone of Central Yakutia using isotopic data.
16. **Makarov V.N., Markova S.A., Pavlova N.A.** Role of snow cover in the recharge of supra-permafrost water.
17. **Monkhoroeva L.M., Filatova E.G., Zelinskaya E.V.** Sorption extraction of lithium from brines of an oil and gas condensate field.
18. **Mukhortina N.A., Korol I.S., Chuikina D.I., Salnikova Yu.I.** Organic compounds of ground waters in oil and gas producing territories of Western Siberia (on the example of the Khanty-Mansi autonomous okrug)
19. **Novikov D.A., Khvashchevskaya A.A., Bezhin N.A.** Uranium and thorium in natural waters of the Crimean Peninsula.

20. **Orgil'yanov A.I., Kryukova I.G., Arakchaa K.D., Pyryaev A.N., Badminov P.S., Smetanina I.V.** Sulphide waters of Tyva.
21. **Palamarchuk V.A., Lebedeva L.S., Pavlova N.A., Shamov V.V.** Factors of spatial differentiation of the chemical composition of spring waters in the Peski tract (Transbaikalia): assessment based on 2022–2025 data using statistical methods.
22. **Pellinen V.A., Cherkashina T.Yu., Ivanova D.S., Pashkova G.V.** Chemical characteristics of surface and groundwater in the coastal zone of the Maloe More Strait of Lake Baikal.
23. **Plyusnin A.M., Garipova E.R.** Interaction of groundwater and surface water in the territory of the Dzhida natural-technogenic system.
24. **Rasskazov S.V., Chebykin E.P., Ilyasova A.M., Chuvashova I.S.** Structural control of uranium isotope ratios and concentrations in groundwater of the Baikal Rift Zone and adjacent territories of Inner Asia.
25. **Sentyakov A.V., Vasiliev D.M., Akzigitov N.I.** Underground leaching – a new solution for accelerated pilot-commercial development of the Tomtor niobium and rare earth deposit.
26. **Shepelev V.V.** Assessment of the formation conditions and regime of freezing springs.
27. **Sidorina N.G., Dzhabarova N.K., Kokhanenko A.A., Kovalenko T.S., Redin A.A., Khvashchevskaya A.A.** Current state of the therapeutic hydromineral base of the federal resort "Belokurikha".
28. **Smirnov K.D., Novikov K.A., Kapyrin I.V.** Integrated three-dimensional model of surface and subsurface flow using the GeRa software package
29. **Sorokoumova Ya.V., Rastorguev A.V.** Modelling the migration of pollutants dissolved in groundwater on the territory of the Baikal Pulp and Paper Mill.
30. **Sukhorukova A.F., Yandola N.I., Chernykh V.V.** Problems of drinking water supply on the right bank of the Ob River (eastern part of Novosibirsk Oblast).
31. **Svetlakov A.A., Alekseev S.V., Alekseeva L.P., Dobrynina A.A., Balobanenko A.A.** Hydrogeoseismic studies of the Baikal natural territory in 2016–2020.
32. **Tarasenko I.A.** Geochemistry of coal basins: from environmental problems to new resource opportunities.
33. **Verkhoturov A.G.** Supra-permafrost water of the Udokan hydrogeological massif
34. **Vinograd N.A., Tudvachev A.V.** Consideration of groundwater protection issues in the UN Framework Classification for Resources.
35. **Wang Sh., Tong J.** Simulating PFAS transport in a vadose zone using an ensemble Kalman filter with a modified HYDRUS-1D model.
36. **Xia J., Xue Y.** China water security issue in a changing world: opportunity & challenges.
37. **Yakovlev E.Yu., Druzhinin S.V., Zykov S.B.** Radiation features of some types of groundwater in Leningrad Oblast and the southern part of the Republic of Karelia.
38. **Yu J.J., Wang L.F., Wang P., Liu C.M.** From expansion to recovery: groundwater depression cones in the North China Plain.
39. **Zarubov M.S., Danilova M.A., Yurchik I.I., Ishkov A.A.** Chemical composition and occurrence conditions of brines in the Riphean aquifer complex within the northern part of the Kamovsky Swell.
40. **Zavaley V.A., Novikov D.A., Turdali B., Zhinak K., Sabdenbekova U., Zairov Z.** Population exposure to dissolved radon (case study of Eastern Kazakhstan).

Guidelines for Presentations and Posters

Oral presentations with slides

The title, aims, objectives, and conclusions of each presentation should be clear and concise. Each figure, graph, or diagram must include a caption. All key labels within the figures themselves (e.g., diagram legends, axis labels) should be understandable and consistent with the content. Slide text should be concise and should avoid long paragraphs. Use a sans-serif font (Arial, Calibri, or Roboto) with a size of at least 24 pt for body text and at least 28 pt for headings.

Each oral presentation is allocated 15 minutes: 10–12 minutes for the presentation, and the remaining 3–5 minutes for questions.

For posters:

Posters must be in portrait (vertical) orientation and exactly A1 size (594 × 841 mm). Each figure, photograph, or graph on the poster must be accompanied by a caption. To facilitate access, participants are encouraged to add a QR code linking to the full version of the work or to a PDF of the poster.



June 27 (Saturday)

10:00 – Departure from the parking lot of the Krestovaya Pad Hotel
Listvyanka, 10 Kulikova St.
<https://go.2gis.com/Noa78>

Buses will take participants to Irkutsk, with stops at:

Stop No. 1 – Irkutsk Airport

Stop No. 2 – Central Market, 26/9 Timiryazeva St.

Recommendations for Participants Travelling Independently

How to get to Listvyanka


Listvyanka is located approximately 70 km from Irkutsk. The journey by car or bus along the Baikal Highway usually takes 1 to 1.5 hours, depending on traffic and weather conditions. Several options are available:


Bus No. 524 or 526 (minibus). This is the most economical option. Buses depart from the Central Market and Irkutsk Bus Station when full. The first departure is at 06:30. The final stop in Listvyanka is the ticket office in the square in front of the Mayak Hotel. The fare is approximately RUB 350. Tickets can be purchased online at: <https://avtovokzal-on-line.ru>


Taxi. This is the fastest and most comfortable way to travel from any point in the city, including the airport. Taxi services include Maxim and Yandex Taxi. The fare for the route from Irkutsk city centre or the airport to Listvyanka starts from RUB 2,000 for a passenger car.

How to leave Listvyanka

Please plan your return trip in advance.

 **Bus No. 524 or 526 (minibus).** Departure is from the ticket office in the square in front of the Mayak Hotel. Services operate approximately from 08:00 to 18:00. **On weekends and public holidays, queues are possible, so we recommend departing early.**

 **Taxi.** You can order a taxi via mobile apps or by calling local dispatch services, for example +7 (3952) 666-351 or +7 (914) 895-0205. The fare from Listvyanka to Irkutsk is comparable to the fare in the opposite direction, starting from RUB 2,000.

 **Passenger boat.** Tickets must be purchased in advance. During the navigation season, boats operate from Listvyanka to Irkutsk. For details, please visit the website of the East Siberian River Shipping Company: <https://vsrp.ru/timetable/>

