Ministry of Science and Higher Education of the Russian Federation

National Research Tomsk Polytechnic University

Vernadsky Institute of Geochemistry and Analytical Chemistry, Russian Academy of Sciences

**First circular letter**

XIV International Biogeochemical School-Conference

**“PROBLEMS OF GEOCHEMICAL ECOLOGY UNDER CONDITIONS OF BIOSPHERE TECHNOGENESIS”**

dedicated to famous biogeochemists of Russia:

Professor Mikhail A. MALGIN (95 years since birth),

Professor Mikhail S. PANIN (85 years since birth),

Professor Galina V. MOTUZOVA (85 years since birth)

and Professor Leonid P. RIKHVANOV (80 years since birth).

September 15-20, 2025

Tomsk

**Dear Colleagues!**

We invite you to take part in the **XIV International Biogeochemical School-Conference** “Problems of geochemical ecology under conditions of biosphere technogenesis”. The School-Conference will be held September 15-20, 2025 in Tomsk.

**The following issues are scheduled to be discussed at the conference:**

1. Historical aspects and prospects of scientific and technical development of biogeochemistry. Modern challenges: climate agenda, technogenesis, risk assessment.

2. Topical issues of geochemistry of organic matter.

3. Biogeochemical studies in ecological-geochemical monitoring of aerosols.

4. Biogeochemistry of aquatic ecosystems.

5. Biogeochemistry of soils – issues of monitoring, setting of norms, migration of chemical elements, their compounds, isotopes.

6. Radioactivity, radioactive elements in the human environment.

7. Biogeochemical aspects in biology, medicine and veterinary medicine.

8. New approaches and methods in biogeochemistry: Big Data, Machine Learning, Artificial intelligence.

Working languages of the conference – **Russian/English**

**Within the framework of the conference it is planned to hold a youth scientific school for students, postgraduates and young scientists, a round table on the interaction of science with the industrial sector.**

All up-to-date information about the conference will be available on the website <https://biogel.tpu.ru/>

For prompt communication we suggest to join the group “XIV International Biogeochemical School-Conference” in Telegram <https://t.me/+cr0eTgODbjpiZmMy>

**IMPORTANT DATES**

1. Completion of registration and acceptance of abstracts – ***until 31.03.2025***.

2. End of the organizational fee acceptance – ***until 30.06.2025***.

3. Distribution of invitations and preliminary program of the School-Conference – ***August-September 2025***.

**CONTACT INFORMATION**

Vadim V. Ermakov, Ph.D. (Vernadsky IGAC RAS) - Chairman of the Organizing Committee

Natalia V. Baranovskaya, Ph.D. (TPU) - Co-Chairman of the Organizing Committee

Elena V. Peregudina, Ph.D. (TPU) - Scientific Secretary of the School-Conference.

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***Venue:*** TPU International Cultural Center, 13B Usova St., Tomsk, Russia

**LOOKING FORWARD TO SEEING YOU AT THE**

**SCHOOL-CONFERENCE!!!**