

CRHONICLE AND INFORMATION

IN MEMORIAM: ALEXANDER TRAPEZNIKOV
(29.01.1951 – 29.06.2023)



On 29 June, 2023, the outstanding radioecologist Alexander Trapeznikov passed away – D. Sc., Professor, head of the Continental Radioecology Department at the Institute of Plant and Animal Ecology of the Ural Branch of the Russian Academy of Sciences (IPAE UB RAS) in Yekaterinburg, and head of the Biophysical Station in Zarechny town, Sverdlovsk Oblast.

A. Trapeznikov was born on 29 January, 1951, in Perm. In 1973, he graduated from the Faculty of Biology of the Perm State University. Since 1974, he worked at the Biophysical Station of IPAE UB RAS, and since 1993, he headed this station. In 1990, he defended his PhD thesis *Accumulation, Distribution, and Migration of ^{60}Co in Freshwater Ecosystem Components*; in 2001, he defended his dissertation *Radioecology of Freshwater Ecosystems (on the Example of Ural)*. The main areas of his 50-year scientific activity were as follows: radioecology of freshwater ecosystems exposed to nuclear fuel cycle enterprises; study

of ^3H , ^{60}Co , ^{90}Sr , ^{137}Cs , and $^{239,240}\text{Pu}$ migration in river and lake ecosystems and reservoirs; and construction of migration models of technogenic radionuclides in large river ecosystems. The works authored by Alexander Trapeznikov are of great fundamental and applied significance for radioecology. His scientific, organizational, and educational activities made the Continental Radioecology Department of IPAE UB RAS in Yekaterinburg and the Biophysical Station in Zarechny a recognized international scientific radioecological center.

A. Trapeznikov became the author of more than 460 scientific publications, *inter alia* 14 monographs and 10 patents. Out of his works, fundamental monographs are worth noting: *Freshwater Radioecology* (2012) and a 3-volume *Radioecological Monitoring of Freshwater Ecosystems* (2014, 2016, and 2018).

Alexander Trapeznikov was a member of the Bureau of RAS Scientific Councils on Radiobiology. He was awarded the title of Honored Ecologist of the Russian Federation. Moreover, he was awarded the medal in the name of N. Timofeeff-Ressovsky (UB RAS), the prize of the I International Competition of Scientific Papers in Radioecology named after V. Klechkovsky, and the medal named after academician E. Avrorin (UB RAS).

For many years, A. Trapeznikov served on the editorial board of *Marine Biological Journal*.

The IBSS Radiation and Chemical Biology Department successfully and fruitfully cooperated with the Continental Radioecology Department headed by Alexander Trapeznikov. Within the framework of the IAEA project and the RFBR grant, joint studies were carried out, and internships of young researchers were organized. The results of these investigations were reported at international conferences and seminars and reflected in collective scientific publications. Colleagues will always remember A. Trapeznikov not only as an outstanding scientist, a talented organizer, and a great leader, but also as a kind-hearted, sincere, and understanding person and a wonderful family man.

IBSS staff deeply mourns and expresses its sincere condolences and support to colleagues and relatives of Alexander Trapeznikov.

Colleagues from the IBSS Radiation and Chemical Biology Department

**ПАМЯТИ АЛЕКСАНДРА ВИКТОРОВИЧА ТРАПЕЗНИКОВА
(29.01.1951 – 29.06.2023)**

29 июня 2023 г. ушёл из жизни выдающийся радиоэколог Александр Викторович Трапезников — доктор биологических наук, профессор, лауреат медали имени академика Е. Н. Аврорина УрО РАН. А. В. Трапезников — автор более чем 460 научных работ, среди которых фундаментальная монография «Радиоэкологический мониторинг пресноводных экосистем» в трёх томах.