

Candidate for IUGS Executive Committee

Position: Vice President

Name: Oleg Petrov

Affiliation: Russian Geological Research Institute (VSEGEI)

Nominating Organization:
Russian National Committee of Geologists



Biography:

I was born on 20 August 1954. After graduating from the Rostov State University in 1976, I started working as a geologist at Geosurvey Expedition of Norilsk Metallurgical Complex. In 1977-1998 I went all the way from an engineer to a chief geologist and director in Central Arctic Geosurvey Expedition (Norilsk). In December 1998, I became the Director General of VSEGEI in Saint Petersburg.

In 1985, I was awarded the PhD degree in geology and in 2010 – DSc degree in economics. In 2013 I got DSc degree in geology for the thesis Geological Structure and Mineral Resources of Northern and Central Eurasia. In 2019 I was elected as a Corresponding Member of the Russian Academy of Sciences.

Currently, I am a chief editor of the journal Regional Geology and Metallogeny, chairman of the main editorial board on state geological mapping under the Ministry of Mineral Resources, vice-president of the CGMW sub-commission on Northern Eurasia, member of the IUGS National Committee of Geologists, co-chairman of the Russian Committee for the International Program of UNESCO for geosciences and geoparks, member of OneGeology's board of directors.

I have 415 scientific papers and I am an author and editor of 23 maps and atlases of geological content, a holder of 2 patents.

I have a number of government awards, among them: 2002 – honorary title of Distinguished Geologist of the Russian Federation, 2009 – the Commemorative Medal of the People's Republic of China for Exceptional Contribution in the Sino-Russian Relations. I am married and have 3 children.

Statement:

My main scientific focus is geology and tectonics of the Russian territory, Arctic and Northern and Central Eurasia. I have headed VSEGEI for over 20 years and I am responsible for the development of the modern scientific basis for geological mapping used while compiling new generations of state geological maps of the

Russian Federation at 1:200,000 and 1:1M scales and estimating mineral and raw materials potential. I worked at the compilation of the complex cartographic model of the Russian territory and its continental shelf at 1:2,5M scale, which correlates various thematic maps on the same digital base.

As the vice-president of the Sub-commission for Northern Eurasia of the CGMW, I have also contributed into a number of international projects focused on compilation of Atlases of geological maps. They include "International Geological Map of Asia at 1:5M scale", "Atlas of Geological Maps of Northern, Central and Eastern Asia at 1:2,5M scale", "Atlas of Geological Maps of Circumpolar Arctic at 1:5M scale" and the new Tectonic Map of the Arctic, which was compiled and published by CGMW in 2019.

As a member of the Russian National Committee of Geologists and a Corresponding Member of RAS, I have ample opportunities to combine scientific and social activities of IUGS and the work of Russian geological organizations. By assisting the IUGS in its mission to promote the development of the geological sciences I hope to do my best and help the community to unite the efforts of many countries to study the Earth.