

Candidate for IUGS Executive Committee

Position: Councillor 2020-2024

Name: Dr. Guiling Wang (PhD)

Affiliation: Chinese Academy of Geological Sciences

Nominating Organization: Geological Society of China



Biography:

Prof. Guiling Wang is currently holding a permanent research position as the director at the Department of Geothermal Energy Evaluation and Exploration, Sinoprobe Center, Chinese Academy of Geological Sciences, China. He acts as the director of the Geothermal Professional Committee of the Chinese Geological Society, the deputy director as well as the secretary general of the Geothermal Survey and Research Center of the China Geological Survey, the outstanding talent of the National Land and Resources Science and Technology, and the principal leader of the geothermal research team. He is also a Fellow of the International Association of Hydrogeologists, the China Energy Research Association, and the member of editorial boards for Journal of Geological Sciences and Geothermal Energy.

Prof. Wang (Ph.D. of structural geology), who was born in 1964, has been engaging in the field of groundwater and geothermal resources evaluation for 32 years. He has dedicated to the investigation of water resources and environmental assessment in the arid regions of western China, water-saving and sustainable utilization of groundwater resources in typical agricultural region, coal-fired pollution replaced by geothermal heating in the economically developed areas of East China, establishing the demonstration of geothermal utilization for academic research and teaching, and to cultivate international talent teams for water protection and clean energy utilization. He was awarded and honored several times by China government and State department.

Prof. Wang has been active in international academic activities and has broad international interests and influence. He graduated from China University of Geosciences (Wuhan) in his early years (1987) and studied geothermal at the UNU Iceland Geothermal Training Centre (1991) and the University of Auckland, New Zealand (1992). He presented his researches at world-class conferences such as AGU, EGU and International Geothermal Association-IGA, and recommended many excellent students to exchange abroad. He also provided professional training in hydrogeology and exploration for scholars in Africa and Asia. In 2014, he was awarded a Foreign Fellow of Russian Academy of Natural Sciences.

Statement:

It's a great honor for becoming an IUGS Executive Committee member and great responsibility and obligation to promoting global geoscience cooperation as well as implementing the critical decisions of the IUGS as a geologist. The world is still facing sustainable energy and environmental challenges, such as the contradiction between the high consumption and supply capacity of non-renewable resources, and the clash between local economic development and water shortage. Should I have the honor to become an IUGS Executive Committee member, I would like to use my professional experience and expertise to promote the development of geothermal clean energy to ensure high-quality living standards for human beings, and to provide geothermal energy supply. I would also love to act as a science ambassador to help form new cooperative relations in building the global basic geological databases, jointly training talents, promoting international academic exchanges, and establishing international collaborative geoscience projects. We are on the same planet, and I am more than willing to contribute to solve the Earth's problems alongside other peer scientists worldwide.