

Candidate for IUGS Executive Committee

Position: Councillor (2026-2030)

Name: Hu Qinhong

Affiliation: China Petroleum University (East China)

Nominating Organization: Geological Society of China



Biography:

Dr. Qinhong (Max) Hu is currently a Chair Professor at China University of Petroleum (East China) and Emeritus Distinguished Professor at the University of Texas at Arlington where he joined in 2008 after working at Lawrence Berkeley and Livermore National Laboratories from 1997 to 2008 & obtaining his PhD degree at the University of Arizona in 1995, after growing up and earning his BS and MS degrees in China. He is an elected Fellow of the Geological Society of America (2013) and the American Association for the Advancement of Science (2020). One of his major research interests is micro-scale pore structure and its effect on macro-scale fluid flow and chemical transport in porous and fractured media for geological and engineering applications, such as the remediation of contaminated sites, geological repository for high-level nuclear waste, shale petroleum development, enhanced geothermal system, and hydrogen geological storage. He serves as the Editor-in-Chief for Marine and Petroleum Geology (2017-2025) and Editorial Board Members for 11 other journals in energy and environmental geosciences, has published 235 SCI articles in 78 different journals and 260+ other peer-reviewed technical publications, as Top 2% of the Scientists in the World (2019-2023), being ranked as #2,544 in the world in the area of Earth Science (2023) and top 1.7% in the World over the last six-year's H-Index (2024). He has mentored a total of ~200 postdoctoral, PhD, MS, and undergraduate students, who have won 94 awards and scholarships and 50+ of them become a faculty member in four different countries.

Statement:

The International Union of Geological Sciences (IUGS) is the most authoritative non-governmental academic organization in the field of international geological sciences, as one of the largest and most active scientific associations in the world. It is responsible for coordinating the needs of international geological scientific research programs and responding to pressing global geological issues, including advancing

scientific discovery and maintaining a leading position during emerging times of global change, such as the energy transition. This vision is consistent with my experience and philosophy, and I welcome the opportunity to actively uphold high standards of ethical and professional excellence in service, support the purposes of the IUGS, assume the responsibilities and duties of a Councilor and an Executive Committee member for its Mission, make contributions to advance geological science research and discovery, serve our profession and society, and promote the harmonious development of humans and nature to better manage the Earth.

As an internationally renowned geoscientist and highly qualified candidate, I have more than 30 years of working experience in China and USA with excellent bilingual skills, in addition to active participation in several international societies and conferences in about twenty different countries. I have the capabilities to assume the responsibilities and obligations of a Councilor, complete the work within the Executive Committee and some special tasks that the Chairman may assign to me. As the highest-level international geoscience organization, the IUGS is an important and right stage for Chinese geoscientists to continue to go global and expand their international influence, including the coordination of international geoscience research plans and International Geological Congress every four years.