

Candidate for IUGS Executive Committee

Position: Vice President

Name: Rie S. Hori

Affiliation: Ehime University, Japan

Nominating Organization:
Science Council of Japan committee to IUGS



Biography:

Born in Ehime, Shikoku, Japan, in 1961. B.Sc., Earth Sciences, Kobe University (1985); M.Sc., Geology, Osaka City University (OCU) (1987); D.Sc., Geology, OCU, Japan (1990). Doctoral Course and Postdoctoral Research Fellowships obtained from the Japan Society for the Promotion of Science (JSPS), studied in University of Tokyo and at the Misasa Institute of Okayama University (1990-1992).

I have been an academic staff of Ehime University (National University corporation of Japan), starting as an Assistant Professor in 1994 as the first female staff of Faculty of Science, full Professor in 2014, the first female Vice-President of Ehime University (2021-2023 f.y.).

My scientific specialization is in stratigraphic Geology, biostratigraphy including chemostratigraphy and oceanic events, and Palaeontology, focusing on Radiolaria (marine siliceous plankton). Notable results from my field research are: 1) to clarify the Toarcian Oceanic Anoxic Event (OAE) in pelagic sediments from Panthalassa; 2) to establish Radiolarian zonation of Lower Jurassic including the Triassic-Jurassic boundary extinction event; 3) to prove Archean accretionary complexes in Superior province Canada as a co-research member in 1993; and 4) to discover the Permian-Triassic boundary pelagic sequence from Arrow Rocks, New Zealand, as a results of Jp-NZ joint-research projects, and reptations of OAEs in Early Triassic time (2007).

As part of my academic achievements, I was Guest Professor at Lund University (2011-2012); Visiting Researcher at Lille University (2018, 2023); Chair of gender-equality committee of the Geological Society of Japan (2007-present); Vice-Presidents of Japan Geoscience Union (JpGU) (2022-2024 May). Council Member/Member of the Science Council of Japan (2014-present).

I had worked as a member of the GSSP selection Working Group of Mesozoic and the scientific board of the IGCP. Since 1990S, I have actively contributed to initiatives for promoting gender-equality of the Geological Society of Japan as well as JpGU.

Recently I coordinated international union sessions on Equity/Equality Diversity and Inclusion (EDI/DEI) issues in collaboration with scientists from the EGU and AGU. These efforts have resulted in significant improvements in EDI/DEI issues within JpGU.

Statement:

Through the various experiences listed above, I have come to recognize the importance of international networks and the benefits that come from collaborating with researchers from diverse backgrounds.

I have a deep understanding the value of EDI/DEI as well as outreach activities in advancing geosciences and increasing societal impact and benefits. On many occasions of my career, I have been involved in national geopark activities, working closely with local communities in Japan, as well as in fostering activities for students in the field of science.

Based on my extensive experience in academia, I am eager to serve as Vice-President of IUGS and collaborate more with geoscientists from around the world within an international framework of IUGS to address and improve EDI/DEI issues in the field of geoscience. In addition, I am committed to fostering the development of the next generation and promoting research ethics in the era of open science.