

2023 General Election Mission Statement

Yasuyuki Kano for Solid Earth Sciences (SE) Section President

I am a seismologist who is working on historical earthquakes at the University of Tokyo in Earthquake Research Institute (ERI) and Collaborative Research Organization (CRO) for Historical Materials on Earthquakes and Volcanoes. The CRO consists of seismologists, volcanologists, geographers, and historians. I am committed to build databases on historical earthquakes in Japan, which leads to better understanding of history and mechanism of earthquakes. This research field requires interdisciplinary approach, which can be achieved by collaboration over eight AOGS sections. I also have experience in international project such as Taiwan Chelungpu-Fault Drilling Project (TCDP) and Japan Trench Fast Drilling Project (JFAST). I would strengthen AOGS science and structure with effort based on my research interest.

I have been a secretary of SE section since 2013 and that of IG since 2020. The SE section will be benefitted by my experience to organize section by proposing session, and encouraging colleagues to propose sessions, or submit abstracts, and experience to organize or merging sessions with similar content. I also contributed the society by reviewing manuscripts submitted to Geoscience Letters.

I would encourage knowledge transfer between young scientists in AOGS through fostering discussions in annual meeting and encouraging submission to official journal, Geoscience Letters. I had been one of conveners of regular session in SE Section “Earthquake Hydrology, Geochemistry and Hydroseismology.” I have promoted discussions between scientists from countries including China, Taiwan, Korea, and India, and from the field of seismology, hydrology, and geoengineering, through the discussion at the session followed by continuing discussion over e-mail and collaborative research.

For the 2023 AOGS meeting, I proposed sessions “Expanding Opportunities for Current and Future Users of Geoscience Data.” Long-term preservation, curation, and dissemination of scientific data and related outputs with metadata are essential to reuse them by researchers or public, both today and into the future. I would promote open data and related activity in AOGS.

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