

## 2019 General Election Mission Statement

Yasuyuki Kano for Interdisciplinary Geosciences (IG) Section President

I am a seismologist who is recently 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 seismologist and historian. This research field requires interdisciplinary approach, which can be achieved by collaboration over eight AOGS sections. I would strengthen AOGS science and structure with effort based on my research interest.

Historical earthquake study is inherently interdisciplinary because knowledge and methodology of both seismology and history are invaluable to understand the earthquakes occurred in the past. Diaries written by people in the past are intensively used for historical earthquake study. I am now launching a research project to collect and investigate the information not only on earthquakes but also on daily weather, climate, disasters such as flood or drought, or astronomical events such as low-latitude aurora. This is one example. I would promote this kind of interdisciplinary research by collaborating and discussing with members of the IG section and AOGS.

I have been a secretary of the Solid Earth (SE) section since 2013. The IG 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 would encourage knowledge transfer between young scientists in AOGS through fostering discussions in annual meeting and encouraging submission to official journal, Geoscience Letters. I am one of conveners of regular session in SE Section “Earthquake Hydrology, Geochemistry and Hydroseismology.” This topic itself is interdisciplinary (SE and HS). I have promoted discussions between scientists from countries including China, Taiwan, Korea, and India, and from the field of seismology, hydrology, and geoenvironment, through the discussion at the session followed by continuing discussion over e-mail and collaborative research. I also contributed the society by reviewing manuscripts submitted to Geoscience Letters.

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