

AOGS General Election 2025 Solid Earth Science Section President Candidate Statement

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Since its establishment in 2003, AOGS has been dedicated to advancing geosciences and its applications for the benefit of society across Asia, Oceania, and beyond. As home to the world's largest population, these regions face pressing challenges in sustainable development, including resource management, natural hazards, and environmental sustainability. The Solid Earth (SE) Section plays a pivotal role in addressing these issues by fostering international cooperation and harnessing collective expertise.

I am a seismologist at The Chinese University of Hong Kong, where I have worked since 2014. I earned my bachelor's and master's degrees from the University of Science and Technology of China and completed my PhD at Saint Louis University, USA, in 2010. My research focuses on earthquake source physics, subduction zone dynamics, fault zones, and induced earthquakes. Previously, I was a postdoctoral fellow at Woods Hole Oceanographic Institution before joining Georgia Tech as a research scientist in 2013. I have received multiple honors, including the 2018 Fuchengyi Young Scientist Award, a grand prize from the Chinese Ocean Society, and recognition in Elsevier's Global Top 2% Citation list. For over a decade, I have actively contributed to conferences such as AOGS, AGU, CGU, and EGU as a session convener, invited speaker, student presentation judge, and mentor. I also serve as the regional representative for Hong Kong in the APEC Cooperation for Earthquake Science.

If I am elected to serve as the president of the SE section, I would like to promote the following activities to further strengthen the section.

- ☐ **Enhance international visibility and audience engagement** by inviting distinguished speakers and attracting high-profile abstracts that generate broad public interest.
- ☐ **Strengthen multidisciplinary collaboration** across countries and career stages by expanding the mentor program and encouraging greater participation from students and mentors.
- ☐ **Organize specialized sessions** on key topics like geohazards in partnership with leading organizations such as AGU, CGU, EGU, JpGU, and SSA.