

Mission Statement

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AOGS is a multi-disciplinary, international, and rapidly growing community benefitting all the geoscientists in the Asia-Oceania region. Its expansion definitely needs the contribution from every member. Not only as a regular participant, but I have served AOGS as a co-convener for sessions at AOGS annual meetings for the last three meetings. In 2016 and 2018, our sessions have attracted so many oceanographers that we were awarded as one of the top 10 sessions receiving the most abstracts. Because of my strong wish to continue my service to AOGS, I decided to run for the president of the Ocean Science (OS) Section.

My research interests are the oceanic dynamics and numerical modeling mostly with Regional Oceanic Modeling System (ROMS) and its European version CROCO, to which I have been an associate developer for many years. My scientific achievement includes wave-current interaction capability in ROMS among many others. This is epoch-making because it bridges between ocean science and coastal engineering, leading to utilization of our scientific knowledge in the real world. In this regard, I am at a suitable position as a professor of Department of Civil Engineering and a deputy director of Complex Fluid and Thermal Engineering Research Center at Kobe University, Japan. I am also affiliated with Port and Airport Research Institute, Japan, as an adjunct researcher. My energy goes also for the promotion of ocean science as an editorial board member of Ocean Modelling (Elsevier), an associate editor-in-chief of Coastal Engineering Journal (Taylor and Francis), and the wave section editor of Encyclopedia of Ocean Sciences (Elsevier).

If I am elected as the next OS president, I will work closely with the AOGS committees and colleagues to attract more oceanographers and students for attending the AOGS annual meetings. In particular, we must sustain many young scientists and students, who will contribute to the ocean sciences in next decades. To this end, I intend to promote advertisements outside of AOGS, the mentoring program, the undergraduate poster sessions, and the student volunteer program at the annual meetings for making their own international community. The expansion of the AOGS Ocean Science Section is my goal as the president of the section.