

Mission Statement of the President of AOGS ST Section

Summary

My mission at the Asia Oceanic geosciences Society (AOGS) Solar and Terrestrial Sciences (ST) section is to enhance international cooperative activities within the Asian and Oceanian areas for future Solar-Terrestrial system science through AOGS activities. I also believe that it is essential to encourage young scientists and countries with low attendance to participate in AOGS meetings, which will contribute to the growth of AOGS.

Major activities

- I would like to contribute to making the ST section one of the top international solar-terrestrial science societies. It is essential to increase the participation of scientists around the world to ensure that the ST section works as a hub of international science activities. I would like to work closely with the AOGS Council to encourage young scientists and countries with low attendance to participate in AOGS meetings.
- Collaborations with all AOGS sections are essential. Cooperation with Planetary Sciences (PS) and Atmospheric Science (AS) is particularly important for better understanding of the ST System. I would like to work closely with the AOGS Council to encourage joint-sessions of ST-AS-PS in AOGS meetings.
- I further believe that collaborations with the American Geophysical Union (AGU) and the European Geosciences Union (EGU) are mutually productive and beneficial, and I would like to contribute to a good partnership between AGU and EGU by working with the AOGS Council.

My experiences beneficial toward a president of ST Section of AOGS

I am a professor of Institute Space-Earth Environmental Research, Nagoya University. The main subjects of my research are magnetospheric physics especially for the inner magnetosphere, and I am author/co-author of ~230 refereed journal papers and three books. I am working as the project scientist of JAXA Geospace Exploration Satellite Arase (ERG), and co-Is of US and ESA satellite missions. I have worked as an editor and an associate editor of international journals: Editor of *Annales of Geophysicae* (2016-present) and *Earth and Planetary Physics* (2017-present), Associate Editor of *Journal of Geophysical Research* (2012-2014). I have contributed to the community activities: co-leader of VarSITI/SPeCIMEN of SCOSTEP (2016-present), and Vice Chair of COSPAR/Panel on Radiation Belt Environment Modeling (2010-2018).