

Mission Statement” (300 to 500 words on how you plan to serve, if elected)

The biosphere around us provides all the resources for our existence on this special planet Earth. Thus understanding the science of our biosphere (Biogeoscience) is key to sustainable development and maintaining balance between various sectors of the human activities, such as agriculture for food, utilizing the terrestrial and oceanic resources, protecting biodiversity, and atmospheric composition of greenhouse gases and air pollutants. While North America and Europe have transformed to the state of a biogeochemically stable socio-economic system more than 50 or 100 years prior to this day, the Asian countries are under immense stress of fast growing economic activity and dense human population.

In order to advance the Biogeoscience section activities within the AOGS, I shall try my best to foster open scientific discussions across the national or regional boundaries. Among the scientific societies, the AOGS provides unique platform by holding the annual symposium in different countries. We have acquired momentum in the past few years to attract extremely motivated young scientists and world-class senior scientists to join the annual meetings and contribute to improve our understanding of the biogeochemical cycles, with an emphasis on the Asia region. With that being said, we may also consider introducing smaller, topical meetings to discuss the pressing needs, and develop ideas for research agendas involving multiple nations.

Further work is needed to consolidate efforts of different sections and meeting sessions towards achieving the goal of elucidating the mean-state and prediction of the biogeochemical parameters of the Asian region. Such understanding is required for making effective greenhouse gas and air pollution mitigation policies for improved quality of life in the region. I am aspired to work with the fellow scientists from different countries, particularly in Asia, on variety of the issues stated above through sharing of observational data, numerical modeling systems and scientific knowledge. I look forward to your support and cooperation for raising the already-high profile of AOGS activities.