



## **Satellite algorithm development and marine meteorology research during Chollian-2 (GK-2) era**

**Speaker: Park, Myoungsook**

**Korea Institute of Ocean Science & Technology (KIOST)**

The second Korean geostationary satellite, Chollian-2 (GK-2B) satellite loading Geostationary Ocean Color Imager (GOCI)-II was launched in February 2020. In comparison to the last decade (Chollian/GOCI era), we expect to have much-advanced technologies for satellite data quality control and application to government decision-makers. This seminar will present the brief introduction of planning study of GOCI quality control and application technologies, including external ocean pollutant detection technique, GOCI-II fishery indices and primary production algorithm improvement, construction of continuous Chollian ocean color series (GOCI-to-GOCI-II) data, production of climate change-related variables (e.g, POC), a marine ecosystem in response to climate change, atmospheric correction algorithm with GK-2 combination, etc. Besides, I will also present my current researches on ocean-atmospheric processes (marine heatwaves and tropical cyclone), which are the interdisciplinary studies between meteorologists and oceanographers in KIOST

- **When :** 2020.04.16. (Thu) 16:00
- **Where:** Online (Link: Check UEE Homepage)  
- [uee.unist.ac.kr](http://uee.unist.ac.kr)
- **Host :** Prof. Im, Junho  
ext) 2824, [ersgis@unist.ac.kr](mailto:ersgis@unist.ac.kr)