

Constructing glocal monitoring system for safe and secure society

Wednesday, 24 March 2021 09:00 (40 minutes)

In 2016, Tokai University initiated a project call “Constructing glocal monitoring system for safe and secure society”. “Glocal” is the coined word of “global” and “local”. The main concept of the project is to connect the global monitoring system using satellite observation with the local monitoring system using SNS for monitoring disasters and environmental changes. The project was approved by the Ministry of Education, Culture, Sports, Science and Technology(MEXT) of Japan as one of the Research Branding Project of Private Universities in Japan. Tokai University is receiving MODIS, VIIRS and AVHRR data at its ground stations one in Shonan Campus and another in Kyushu Campus. The data are automatically processed and archived in near real time. On the other hand, the authors have been operating Disaster Information Tweeting System(DITS) for disaster information collection. The authors are constructing the Glocal Monitoring System by connecting the satellite data system with DITS. The concept and progress of the Glocal Monitoring Project will be presented.

Presenter: Prof. CHO, Kohei (Tokai University)

Session Classification: Keynote Speech