

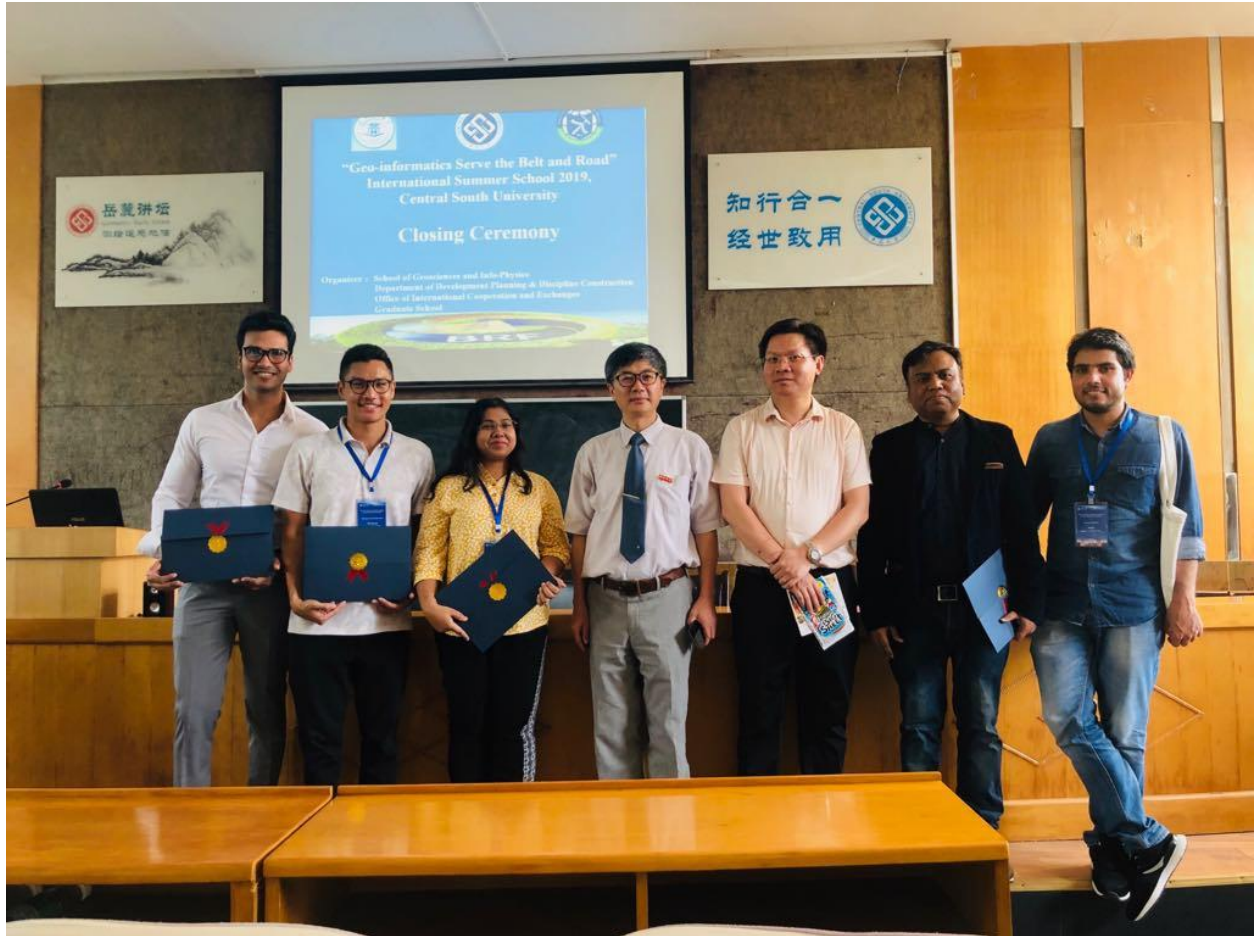
International Summer School 2019 Aug - 18th – 24th
“Geo-informatics Serve the Belt and Road”
Central South University of China “School of Geoscience and Info-Physics”

GISBR (Geo-informatics Serve the Belt and Road International Summer School) brought together 30 research fellows who are professors, associate professors, assistant professors, lecturers, PhD candidates, postgraduate students and others from 10 different countries coming from partner institutions in the Asia-Pacific who are working on GIS, Remote Sensing and Disaster Management to share knowledge and experiences in field including sustainability.

The School of Geosciences and Info-physics of Central South University initiated this first International Summer School with the theme “Geo-informatics Serve the Belt Road. This summer school aimed to share the technology, knowledge and experiences on geo-spatial data/information obtaining, handling, analyzing and comprehensive application.

Renowned experts from Chinese University of Hong Kong, Tongji University, Chinese Academy of Sciences, National Geomatics Center of China, Wuhan University and Central South University served as the lecturers on different topics. Among the topics discussed were 1) Spatiotemporal data analytics for urban and environmental sustainability; 2) Remote sensing technology in cryosphere environment; 3) Mapping land cover and land change using time-series Landsat datasets; 4) Surface motion estimation using SAR; 5) Air pollution mapping and health implementation using remote sensing big data; 6) National spatial data infrastructure construction and Web-based GeoInformation service; 7) Application of satellite images and social media to automatically extract impervious surface; 8) Atmospheric water vapor retrieval and its applications; 9) SAR-based Retrieval of 3D Ground Surface Deformations. Supermap is a new software developed by China for GIS application. The participants were given the chance to learn how to use the new software thru hands-on learning. They were given certificates after completing the training program.

The participants also shared the Geoinformatics application in their country giving an opportunity for the exchange of information among participants. A cultural night was organized giving time to the students to exchange the culture through songs, dances and food. Aside from meeting new friends and learning new things, discovering the place you are new to is the most exciting part. We explored the best spots in Changsha. Among these include Yuelu Mountain, Yulu Academy, Orange Isle and Chinese Art Cultural Center.



Five students from AIT (3 different nationalities) were selected to attend the International Summer School on "Geo-informatics Serve the Belt and Road". These are

Masters student

Ranadheer Mandadi - Remote Sensing and Geographic Information Systems

Doctoral student

Nattapon Trumikaborworn - Disaster Preparedness Management and Mitigation

Doctoral student

Hasan Reaz Kallol - Disaster Preparedness Management and Mitigation

Doctoral student

Afsana Shahid - Remote Sensing and Geographic Information Systems

Doctoral student

Gautam Dadhich- Remote Sensing and Geographic Information Systems