

Joint Student Seminar on

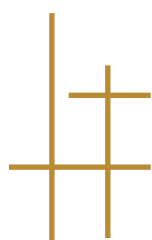
Taiwan
Japan

REMOTE SENSING AND GEOINFORMATICS

**Monday
18th
November**

**Room 103, Building 7A,
Yayoi campus,
The University of Tokyo**

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|--------------|--|---|
| 13:35- 13:40 | Introduction and opening addresses | Kunihiko YOSHINO The University of Tokyo |
| 13:45- 14:00 | 3D tree measurement using LiDAR and image analysis with 2D/3D image processing and AI technique | Kenta ITAKURA The University of Tokyo |
| 14:00- 14:15 | Newly Built Construction Detection in SAR Images Using Deep Learning | Raveerat JATURAPITPORNCHAI Tokyo Institute of Technology |
| 14:15- 14:30 | Spatiotemporal Pattern of Surface Deformation in Southwestern Taiwan Revealed by Densified SAR Time Series | Liu-Xuan JIAN National Central University |
| 14:30- 14:45 | Landslide detection using multi-temporal C-band SAR data | Yu-Ching HUANG National Central University |
| 14:45- 15:00 | Sentinel-1 Interferometry with Ionospheric Correction from Global and Local Displacement Detection in Taiwan | Wan-Ting LIAO National Central University |
| 15:00- 15:15 | SAR Layover Correction Using Digital Surface Model | Chi-Chuan LO National Central University |
| 15:15- 15:30 | Break | |
| 15:30- 15:45 | Quantify the value of forest ecosystem services by applying remote sensing technology | Yaxuan CHANG The University of Tokyo |
| 15:45- 16:00 | The Design and Implementation of a Personalized GeoWeb Search Engine | Regita PRAMESTI National Central University |
| 16:00- 16:15 | The Application of Using Unmanned Aerial Vehicle on Concrete Bridge Crack Size Measurement | Hsuan-Yi LI National Central University |
| 16:15- 16:30 | Using Hyperspectral imagery to identify deep-seated landslides | Zi-Xiang LO National Central University |
| 16:30- 16:45 | Do Deep Neural Networks Learn Full Waveform LiDAR Data? | Takayuki SHINOHARA Tokyo Institute of Technology |
| 16:45- 17:00 | Deep Learning for Extracting Road Markings from Mobile Mapping Images | Chih-Wei CHANG National Central University |
| 17:00- 18:00 | Closing and social networking | |



co-organizer: National Central University (Taipei) / Tokyo Institute of Technology / The University of Tokyo
supporter: AGRI-COCOON Agro-Informatics Forum Group / 日本農業気象学会 リモートセンシング・GIS 研究部会

ADMISSION: PRE-REGISTRATION FREE YOU MAY ENTER AND LEAVE AS YOU PLEASE.