Joint Student Seminar on

Taiwan × Japan

REMOTE SENSING AND GEOINFORMATICS

Monday 18th November

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

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.**