

**TAIWAN- JAPAN Workshop 2013
 on Remote Sensing Applications
 for Global Environment Monitoring and Disaster Mitigation**

**Remote Sensing Technology Center of JAPAN, Tokyo, Japan
 Thursday, Jan. 17, 2013**

	Opening Remarks
9:30 – 9:40	Mr. Kaname Ikeda, President, RESTEC, Japan
9:40 – 9:50	Prof. Gin-Rong Liu, Vice President, NCU
9:50 – 10:00	Prof. Liang-Chien Chen, Director, CSRSR, NCU, President, CSPRS
	Session I: Status of ALOS series and FORMOSAT series
10:00 – 10:20	Summary of ALOS Mission and Overviews of ALOS-2 and ALOS-3 (Dr. Takeo Tadono, EORC/JAXA, Japan)
10:20 – 10:40	The Remote Sensing Capacity of NSPO (Dr. Bo Chen, NSPO)
10:40 – 10:50	Coffee Break
	Session II: Remote Sensing on Environment Monitoring
10:50 – 11:10	Agricultural crop area detection by SAR and GIS data: Case study in Japan and Thailand (Dr. Nobuhiro Tomiyama, RESTEC, Japan)
11:10 – 11:30	Monitoring rice-growing areas in the Lower Mekong Basin using MODIS data (Prof. Chi-Farn Chen, CSRSR, Taiwan)
11:30 – 11:50	Macrophyte mapping in coastal waters (Dr. Tatsuyuki Sagawa, RESTEC, Japan)
11:50 – 12:00	Exchange of opinions
12:00 – 13:00	Lunch
13:00 – 13:20	Rate of terrain deformation derived from multi-temporal interferometric satellite SAR images (Prof. Joz Wu, CSRSR, Taiwan)
13:20 – 13:40	Mapping of rock glacier on Argentine Andes by Differential InSAR (Dr. Tsutomu Yamanokuchi, RESTEC, Japan)
13:40 – 14:00	Recent surface deformation of Taipei and Ilan plains: radar interferometry application in the northern Taiwan area (Prof. Chung-Pai Chang, CSRSR and CSPRS Academic Committee)
14:00 – 14:20	Subseasonal variability of the subtropical Atlantic low stratiform clouds (Ms. Mieko Seki, RESTEC, Japan)
14:20 – 14:40	Effect of mixing with black carbon on dust property retrievals from MODIS data (Prof. Tang-Huang Lin, CSRSR, Taiwan)
14:40 – 14:50	Coffee Break
14:50 – 15:10	Assimilation of Advanced Microwave Sounder Unit (AMSU) data during a high impact weather event (Prof. Chian-Yi Liu, CSRSR, Taiwan)
15:10 – 15:30	Cloud remote sensing with passive and active satellite sensors and its application to climate study (Dr. Kazuaki Kawamoto, Nagasaki Univ., Japan)
15:30 – 15:50	FormoSat GPS radio occultation observations and ionospheric electron density modelling (Prof. Lung-Chih Tsai, CSRSR, Taiwan)

	Session III: Remote Sensing on Disaster Monitoring and Mitigation
15:50 – 16:10	Summary of RESTEC's activities in "The 2011 off the Pacific coast of Tohoku Earthquake" (Dr. Ryoichi Furuta, RESTEC, Japan)
16:10 – 16:30	Landslide detection and risk assessment with spatial analysis (Prof. Fuan Tsai, CSRSR and CSPRS Academic Committee)
16:30 – 16:50	Estimation of a nationwide flood by using MODIS time series and DEM data: A Case study of the 2011 flood in Chao Phraya river basin, Thailand (Dr. Kwak Youngjoo, PWRI, Japan)
16:50 – 17:10	Multiple reflection effect in spectral mixing problem (Prof. Hsuan Ren, CSRSR, Taiwan)
17:10 – 17:20	Exchange of opinions
	Closing Remarks
17:20 – 17:30	Prof. Liang-Chien Chen, Director, CSRSR, NCU, President, CSPRS
17:30 – 17:40	Prof. Yasushi Yamaguchi, Nagoya Univ. and President, RSSJ
18:00 – 19:00	Reception