

Geoinformation Forum 2009 –English Technical Session–

Data: 17 June 2009

Venue: Annexhole F206, Pacifico Yokohama

Organizer: Japan Association of Surveyors (JAS)

09:15–09:20	Opening : Dr. Shunji Murai (President of JAS)			
09:20–10:20	Session 1: Laser Technology	Chairman: Dr. Kyaw Sann OO (Kochi University of Technology)		
1–1	Geo09–07	The Reason for Necessity and Usefulness of Laser 3D Measurement Data of the Inside of Klasies River Mouth Cave No.3 in South Africa, as a possible incubator of Modern Humans	Kimiaki Tokumaru	Natural Philosopher Japan
1–2	Geo09–15	Boresight alignment method for mobile laser scanning systems	P. Rieger, N. Studnicka and M. Pfennigbauer	RIEGL Laser Measurement Systems GmbH Austria
1–3	Geo09–24	Ultra Compact Airborne Lidar Sensor Design and Applications	David Collison, Michael R Sitar	Optech Incorporated Australia
10:20–12:00	Session 2: GIS	Chairman: Dr. Kyaw Sann OO (Kochi University of Technology)		
2–1	Geo09–05	Potential Habitat and Spatial Distribution of Mountain ANOA in Lore Lindu National Park	Beni Okarda	University of Tsukuba Japan
2–2	Geo09–08	How Aerial/Satellite Remote Sensing, GIS and GPS technologies can contribute to the clarification of the Breakup of Gondwanaland which took place 145MYA (million years ago) coincidentally with the Morokweng Meteoritic Mega-Impact in South Africa?	Kimiaki Tokumaru	Natural Philosopher Japan
2–3	Geo09–11	Transition pattern analysis of land-cover change using multi-temporal MODIS data: a case of Java, Indonesia	Yudi Setiawa and Yoshino Kunihiko	University of Tsukuba Japan
2–4	Geo09–13	Study on Detect the Damaged Forest Area by Pine Beetle, its Factors and Control by GIS in Komagane City, Nagano Prefecture	Sourovi Zaman and Masato Katoh	Shinshu University Japan
2–5	Geo09–22	Mapping Public Health with GIS	Ilham Alimuddin	Chiba University Japan
12:00–13:00	Lunch			

13:00–13:40		Poster Session			
Geo09-01	Land cover change and Human impact analysis in Ovorkhangai province using MODIS Snow Products	Zaya Mart	National University of Mongolia	Mongolia	
Geo09-02	Estimation of Glaciers and Snow Coverage in Western part of Mongolia	Oyuntsetseg Tsogtgerel	National University of Mongolia	Mongolia	
Geo09-03	Land degradation analysis in Ongi river Basin	Tungalag Amar	National University of Mongolia	Mongolia	
Geo09-04	Determination of desertification process and dynamic using Geo-Informatics Case study: Biger, Gobi-Altai province, Mongolia	B.Myangambayar,R.Tsolimon, B.Suvdantsetseg and H.Fukui	National University of Mongolia	Mongolia	
Geo09-19	Glacier and permafrost monitoring in the Altai mountain region, Mongolia	A.Saruulzaya, B.Erdenebileg and B.Suvdantsetseg	National University of Mongolia	Mongolia	
Geo09-26	Mapping mangrove forests in Sri Lanka using Landsat images and SRTM elevation data	Chandana Dinesh Kumara Parape	Kyoto University		
13:50–15:10		Session 3: Applications of Remote Sensing and GIS			
Chairman: Dr. Shiro Ochi (Kinki University)					
3-1	Soil erosion risk mapping in semi arid area using remote sensing and GIS "Case of Study Tunisia"	Mohamed Kefi , Kunihiro Yoshino and Khemaies Zayani	University of Tsukuba	Japan	
3-2	The design of ecotourism planning using remote sensing and GIS	B.Suvdantsetseg and H.Fukui	Keio University	Mongolia	
3-3	Development of GIS-Based Water Quality Simulation System Using QUAL2E Model in Rural Area	Cholyoung Lee and Kye Hyun Kim	Inha University	Korea	
3-4	Determination of Malaria Distribution Pattern in Tak Province by Using Remote Sensing	Anusorn Rungsipanich and Jiratiwan Kruasitp	GISTDA	Thailand	

15:20–16:40 Session 3: Applications of Remote Sensing and GIS(continue)

Chairman: Dr. Shiro Ochi (Kinki University)

3-5	Geo09-18	Spatial and Non-Spatial Information on Flood Monitoring and Early Warning System	Ponthip Limlahapun and Hiromichi Fukui	Keio University	Thailand
3-6	Geo09-21	Landslide Potential Relevant to Land Use in Northern Slope Area of Thailand	Anusorn Rungspanich and Woranut Chansury	GISTDA	Thailand
3-7	Geo09-23	Aspect of Data Handling and Processing for UAV Borne Search and Detection System Development	Afzal Ahmed, Masahiko Nagai, Chen Tienen and Ryosuke SHIBASAKI	The University of Tokyo	Bangladesh
3-8	Geo09-25	Development of Damage Investigation System using Spatial Imagery for Wide Disaster Area	Taehoon Kim, Kye Hyun Kim and Gibeom Nam	Inha University	Korea

16:40–18:00 Session 4: Image Processing

Chairman: Dr. Shiro Ochi (Kinki University)

4-1	Geo09-10	GCP Selection Using Simulated Image for High Resolution Satellite Images Registration	Kyaw Sann OO and Masataka TAKAGI	Kochi University of Technology	Japan
4-2	Geo08-12	Detection of moving vehicles and their speeds from QuickBird images	Wen Liu, Fumio Yamazaki	Chiba University	China
4-3	Geo09-14	Realization of advanced spatial information society by using Real-Time GIS, GPS and IC tag	Sayaka Takeuchi, Masaaki Shikada and Mitoshi Moriya	Kanazawa Institute of Technology	Japan
4-4	Geo09-16	Evaluating The Effectiveness and Limitations of Satellite-Based Optical Sensors for Monitoring Water Bodies	Asif M. Bhatti, Masataka Takagi and Seigo Nasu	Kochi University of Technology	Pakistan
4-5	Geo09-27	Adjustment of wavelet details for reducing radiometric distortions in pansharpened products	Vladimir Buntilov	Mahidol University	Thailand