

Day 1 - 26 August 2013 / Monday

Time (hrs)	Registration Counter	MR 8	Great Hall A+B	Great Hall C	Great Hall D	Concourse 1 & 2	MR 2 + 3	MR 4	MR 5	MR 6
0700 - 0800										
0800 - 0900										
0900 - 1000										
1000 - 1030										
1030 - 1100										
1100 - 1130										
1130 - 1200										
1200 - 1230										
1230 - 1400			Symposium Lunch & Poster Session							
1400 - 1420				ICT Technologies (incl. Spatial Data Infrastructures) Chair: Richard Simpson, Metabola, New Zealand Co-Chair: Wang Yin Chai, Universiti Sarawak Malaysia, Malaysia	Earth Observation Technologies Chair: Vivarad Phonekeo, Geoinformatics Center, Asian Institute Of Technology, Thailand Co-Chair: Alexander K. Sayok, Universiti Sarawak Malaysia, Malaysia		Digital City & Green Cities Chair: Norzailawati Mohd Noor, International Islamic University Malaysia, Malaysia	Empowering the Community, Engaging Society Chair: Yola Georgiadou, Faculty for Geo-information Science and Earth Observation (ITC), The Netherlands	Digital Earth Vision & Innovation Chair: Alessandro Annoni, Joint Research Centre, Italy Co-Chair: Mustafa Din Subari, National Space Agency, Malaysia	
1420 - 1440				ENVIRONMENTAL HAZARD MAPPING USING GIS AND AHP A CASE STUDY OF DONG TREU DISTRICT IN QUANG BINH PROVINCE, VIETNAM Nguyen Kim Anh, Vivarad Phonekeo Vo Chi My, Nguyen Dinh Duong and Phan Tien Dat Presenting Author: Nguyen Kim Anh, Vietnam Academy of Science and Technology	RECTIFICATION OF AERIAL IMAGES USING PIECEWISE LINEAR TRANSFORMATION L H Liew, B Y Lee, Y C Wang, W S Cheah Presenting Author: Lee Hung Liew, Universiti Malaysia Sarawak		THE RELIANCE OF INSOLATION PATTERN ON SURFACE ASPECT N Md Saad, J R Abdul Hamid, A Mohd Suid Presenting Author: Nurhafiza Md Saad, Universiti Teknologi MARA	A CONCEPTUAL MODEL FOR THE AUTOMATED CREDIBILITY ASSESSMENT OF THE VOLUNTEERED GEOGRAPHIC INFORMATION Nurul H Idris, Mike J Jackson and Mohamad H I Ishak Presenting Author: Nurul Hawani Idris, Sustainability Research Alliance And Department Of Geoinformation, Universiti Teknologi Malaysia	CHALLENGE AND OPPORTUNITIES OF SPACE-BASED PRECIPITATION RADAR FOR SPATIO-TEMPORAL HYDROLOGY ANALYSIS IN TROPICAL MARITIME INFLUENCED CATCHMENT: CASE STUDY ON THE UPPER AND REMOTE FORESTED TROPICAL WATERSHED OF PENINSULAR MALAYSIA M. Rizaludin Mahmud, Shinya Numata, Hiroshi Matsuyama, Mazlan Hashim Presentation Author: Rizaludin Mahmud, Tokyo Metropolitan University	
1440 - 1500				INTEGRATING AIRBORNE LIDAR DATASET AND PHOTOGRAPHIC IMAGES TOWARDS THE CONSTRUCTION OF 3D BUILDING MODEL Roslina Idris, Zukiflee Abd Latif, Juazer Rizal Abdul Hamid, Jasme Jaafar and Mohammad Yaziz Ahmad Presenting Author: Roslina Idris, Universiti Teknologi MARA	MANGROVE CHANGES ANALYSIS BY REMOTE SENSING AND EVALUATION OF ECOSYSTEM SERVICES ON SOCIO-ECONOMIC IN PENINSULAR MALAYSIA Zailani Khuzaimah, Mohd Hasnadi Ismail and Shattri Mansor Presenting Author: Mohd Hasnadi Ismail, Universiti Putra Malaysia		THREE-DIMENSIONAL SLUM URBAN RECONSTRUCTION IN ENVISAT AND GOOGLE EARTH IN EGYPT M Marghany and J. van Genderen Presenting Author: Maged Marghany, Universiti Teknologi Malaysia	DIGITAL CHILDREN OBSERVE THE DIGITAL EARTH FROM ABOVE: HOW THEY READ AERIAL AND SATELLITE IMAGES? H Svatonova and M Rybansky Presenting Author: Marian Rybansky, University Of Defence In Brno	REMOTE SENSING IMAGE FUSION IN THE CONTEXT OF DIGITAL EARTH C Pohl Presenting Author: Christine Pohl, Institute Of Geospatial Science & Technology (INSTEG)	
1500 - 1520				SPECULAR AND DIFFUSE OBJECT EXTRACTION FROM LIDAR DERIVED DIGITAL SURFACE MODEL (DSM) N Mohamed Saraf, J R Abdul Hamid and M H Kamaruddin Presenting Author: Noraini Mohamed Saraf, Universiti Teknologi MARA	OPTIMIZING CLOUD REMOVAL FROM SATELLITE REMOTELY SENSED DATA FOR MONITORING VEGETATION DYNAMICS IN HUMID TROPICAL CLIMATE Mazan Hashim, Amin Beiranvand Pour, Chua Hong Onn Presenting Author: Amin Beiranvand Pour, Institute Of Geospatial Science & Technology (INSTEG)		URBAN UNDERGROUND PIPELINES MAPPING USING GROUND PENETRATING RADAR Siow Wei Jaw and Mazlan Hashim Presenting Author: Siow Wei Jaw, Institute Of Geospatial Science & Technology (INSTEG)	EARTH OBSERVATION DATA INTEROPERABILITY ARRANGEMENT WITH ONTOLOGY REGISTRY M Nagai, A Rajbhandari, M Ono and R Shibasaki Presenting Author: Ashik Rajbhandari, Asian Institute Of Technology	THE WORLDVIEWS NETWORK: DIGITAL EARTH FOR ECOLOGICAL AND RESILIENCE EDUCATION K C Yu, R Connolly, N Gardner, H Hamilton, K Koozt, D McConville, J Sicker, and R Wyatt Presenting Author: Ka Chun Yu, Denver Museum Of Nature & Science	
1520 - 1540				ENTROPY ALGORITHM FOR AUTOMATIC DETECTION OF OIL SPILL FROM RADARSAT-2 SAR DATA M Marghany and J. van Genderen Presenting Author: Maged Marghany, Universiti Teknologi Malaysia	TROPICAL FOREST DEGRADATION ANALYSIS USING SATELLITE REMOTE SENSING Mazan Hashim, Khen Wei Chong, Amin Beiranvand Pour Presenting Author: Amin Beiranvand Pour, Institute Of Geospatial Science & Technology (INSTEG)		WORKFORCE MOBILITY: CONTRIBUTING TOWARDS SMART CITY Nurfarhana Mohd Nor, Noor Azawani Wahap, Noordin Ahmad, Norhan Presenting Author: Nurfarhana Mohd Nor, National Space Agency	TOURSCAPE: A SYSTEMATIC APPROACH TOWARDS A SUSTAINABLE RURAL TOURISM MANAGEMENT PM C Lo, Y C Wang, P Sogon, and A W Yeo Presenting Author: May-Chiun Lo, Universiti Malaysia Sarawak	A GENERIC APPROACH FOR PHOTOGRAMMETRIC SURVEY USING SIX-ROTOR UNMANNED AERIAL VEHICLE Khairul Nizam Tahar, Anuar Ahmad, Wan Abdul Aziz Wan Mohd Akib, Wan Mohd Naim Wan Mohd Presenting Author: Anuar Ahmad, Universiti Teknologi Malaysia	
1540 - 1550				The Potential of Agent-Based Modelling for Verification of People Trajectories Based on Smartphone Sensor Data F Hiller, B Hoffe, M Ehlers and P Reintz Presenting Author: Manfred Ehlers, Institute for Geoinformatics and Remote Sensing, University Of Osnabrueck	SURFACE RECONSTRUCTION ALGORITHMS: REVIEW AND COMPARISON Renald Tang, Setan Halim, Majid Zulkepli Presenting Author: Renald Tang, Universiti Teknologi Malaysia		CREATING 3D CITY MODELS THROUGH PHOTOGRAMMETRY AND PROCEDURAL MODELING S Schubiger-Banz, S Müller Arisona and C Zhong Presenting Author: Simon Schubiger, Esri R&D Center Zurich	Abuse of Disabled Parking: Reforming Public's Attitude Through Persuasive Multimedia Strategy Wan Ahmad Jaafar Wan Yahaya and Mohamed Zamri Mohd Zain Presenting Author: Wan Ahmad Jaafar, Centre For Instructional Technology & Multimedia	SIMULATION OF TSUNAMI EFFECTS ON SEA SURFACE SALINITY USING MODIS SATELLITE DATA N. E. F. BT. Ramlan, M. Marghany, J. van Genderen, Mazlan Hashim Presenting Author: Maged Marghany, Universiti Teknologi Malaysia	
1550 - 1610				INVESTIGATION OF POTENTIAL INTEGRATION OF SPECTRORADIOMETER DATA WITH GIS TECHNOLOGY: THE SPECTRO-GIS TOOLS S A Salleh, J R Abd Hamid and I Mohamad Aiffin Presenting Author: Siti Aekbal Salleh, Center Of Studies Surveying Science And Geomatics	COMPARATIVE PERFORMANCE OF ALOS PALSAR POLARIZATION BANDS AND ITS COMBINATION WITH ALOS AVNIR-2 DATA FOR LAND COVER CLASSIFICATION C K Sim, K Abdullah, M Z MaJafri and H S Lim Presenting Author: Chong Keat Sim, Universiti Sains Malaysia		SPATIAL STOCHASTIC REGRESSION MODELING OF URBAN LAND USE GROWTH Presenting Author: Siti Hasniza Muhammad Arshad, Universiti Teknologi MARA	REDUCING EMPLOYEE TRAVELLING TIME THROUGH SMART COMMUTING A N N A Rahman, Z M Yusoff, I S Aziz and D Omar Presenting Author: Adzila Noor Nadiah Abdul Rahman, Universiti Teknologi MARA	DIGITAL EARTH RELOADED "BEYOND THE NEXT GENERATION" M Ehlers, P Woodgate, A Annoni and S Schade Presenting Author: Manfred Ehlers, Institute for Geoinformatics and Remote Sensing, University Of Osnabrueck	
1610 - 1630				LOW-COST RFID-BASED PALM OIL MONITORING SYSTEM (PMS): FIRST PROTOTYPE Juliet W. Kiama, Raman, V., Then, H.H. Patrick Presenting Author: Patrick Hanghui Then, Swinburne University	DETECTION OF FREQUENTLY-BURN LOCATIONS USING MULTI-TEMPORAL TERRAQUA MODIS FIRE PRODUCT (MOD14) IN UDUMKAY PROVINCE, LAOS V Phonekao, L Samarakoon and T Sanghangthong Presenting Authors: Vivarad Phonekeo, Geoinformatics Center, Asian Institute Of Technology		THREE-DIMENSIONAL VISUALIZATION OF HARMFUL GAS DIFFUSION HAPPENED IN URBAN AREA Hongdeng Jian and Xiangtao Fan Presenting Author: Hongdeng Jian, Institute Of Remote Sensing And Digital Earth, Chinese Academy Of Sciences	USING THE CLOUD TO ENGAGE CITIZENS Presenting Author: Renee Brandt, ESRI	VIRTUAL AUSTRALIA & NEW ZEALAND (VANZ) CREATING A SMALL PIECE OF DIGITAL EARTH Michael Haines Presenting Author: Michael Haines, VANZI Ltd	
1630 - 1650				STUDY ON RESOURCES AND ENVIRONMENTAL DATA INTEGRATION TOWARDS DATA WAREHOUSE CONSTRUCTION COVERING TRANS-BOUNDARY AREA OF CHINA, RUSSIA AND MONGOLIA Juan WANG, Jia SONG, Mengxi GAO and Lijun ZHU Presenting Author: Jia Song, Institute Of Geographic Sciences And Natural Resources Research, Chinese Academy	ACCURACY ASSESSMENT OF TOPOGRAPHIC MAPPING USING UAV IMAGES INTEGRATED WITH AERIAL PHOTOGRAPH AND SATELLITE IMAGES Shahul Mardiah Azmi, Baharin Ahmad & Anuar Ahmad Presenting Author: Shahul Mardiah Azmi, Universiti Teknologi Malaysia		THE ESRI 3D CITY INFORMATION MODEL IN ACTION T Retz and S Schubiger-Banz Presenting Author: Simon Schubiger, Esri R&D Center Zurich	LANDMARKS SELECTION IN STREET MAP DESIGN Ching-Jen Kao Presenting Author: Ching-Jen Kao, Department Of Geography, Chinese Culture University	TENTATIVE IDEAS FOR DIGITAL OCEAN-II OF CHINA Linchong Kang, Suixiang Shi, Jiye Jin, Feng Zhang, Jin Liu, Xiaoyi Jiang, Zangan Deng Presenting Author: Gao Tong, National Marine Data And Information Service	
1650 - 1710				SPATIOTEMPORAL ANALYSIS OF THE SPREAD OF MENINGOCOCCAL MENINGITIS IN KADUNA METROPOLIS, 2007 - 2011 E T Umaru, A M N Ludin and S Sabri Presenting Author: Emmanuel Umaru, Universiti Teknologi Malaysia	COMBINATION OF SPOT-5 AND ALOS PALSAR IMAGES IN ESTIMATING ABOVEGROUND BIO MASS OF LOWLAND DIPTEROCARP FOREST Hamdan Omar Mohd Hasnadi Ismail and Khal Aziz Hamzah Presenting Author: Hamdan Omar, Forest Research Institute		A REVIEW OF VARIABLES OF URBAN STREET CONNECTIVITY FOR SPATIAL CONNECTION W.S.N.W.Mohamad and I.Said Presenting Author: Wan Saiful Nizam Wan Mohamad, Greenovation Research Laboratory, Faculty Of Built Environment		DIGITAL EARTH - UNDERSTANDING AND IDEAS OF YOUNG GENERATION Temenoujka Bandrova, Milan Konecny Presenting Author: Temenoujka Bandrova, University Of Architecture, Civil Engineering And Geodesy	
1710 - 1730										
1730 - 1750					Panel Discussion "New trends in technology on digital earth" Chair: John Richards					
1900 - 2030										

Exhibition / Poster Presentation: 1330 - 1400
Morning Tea: 1005-1030
Afternoon Tea: 1540-1600

Rural Informatic Forum: Deploying and Developing Technologies for Rural Communities for Sustainable Development: A Community-Centred Approach
Chairperson: Alvin W. Yeo, Universiti Sarawak Malaysia, Malaysia

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Welcome Reception at Poolside Pavilion, Grand Margherita Hotel
END OF DAY 1

Day 2 - 27 August 2013 / Tuesday

Time (hrs)	Registration Counter	MR 8	Great Hall A+B	Great Hall C	Great Hall D	Concourse 1 & 2	MR 2 + 3	MR 4	MR 5	MR 6						
0700 - 0800							Registration									
0800 - 0830																
0830 - 0900					<p>Keynote 5: Transparency and Accountability on Digital Earth: A down-to-Earth Account Yola Georgiadou, Faculty for Geo-information Science and Earth Observation (ITC), The Netherlands</p>											
0900 - 0930					<p>Keynote 6: From Digital Earth to Data Cities: Clarifying the Urban Development Potential Davina Jackson, Progressive Concepts and Cultures, Australia</p>											
0930 - 1000				Morning Tea Break & Poster Session			Morning Tea Break & Poster Session									
1000 - 1020	Registration & Tour Counters	Speakers Preparation Room			<p>ICT Technologies Chairperson : Wang Yin Chai, Universiti Malaysia Sarawak, Sarawak</p>	<p>Digital City & Green Cities Chair: Vladimir S. Tikunov, Moscow University, Russia</p>	<p>MEASURING URBAN SPRAWL ON GEOSPATIAL INDICES CHARACTERIZED BY LEAP FROG DEVELOPMENT USING REMOTE SENSING AND GIS TECHNIQUES Norzalawati Mohd Noor, M.Zainora Asmawi and Nur Aulia Rusni Presenting Author: Norzalawati Mohd Noor, International Islamic University Malaysia</p>	<p>Earth Observation Technologies Chairperson : Wang Changlin, International Society for Digital Earth, China Co-chair: Mohd Nadzir bin Md Reba, Institute of Geospatial Science & Technology (INSTEK), Malaysia</p>	<p>Hazard, Disaster & Pollution Chairperson : Jane Rovins, Integrated Research on Disaster Risk, China</p>							
1020 - 1040					<p>SPATIAL TEMPORAL STAGE CLASSIFICATION IN A MINIATURE RAINING MODEL USING EROGEOIC METHOD S.Ali Almodaresi Presenting Author: S. Ali A. Almodaresi, Yazd Branch Islamic Azad University</p>		<p>ABOVEGROUND BIOMASS ESTIMATION AND AGE DETERMINATION OF OIL PALM PLANTATION USING COMBINATION OF MULTI-SPECTRAL OPTICAL REMOTE SENSING AND LIDAR DATA A F Abdullah and J I Yong Presenting Author: Ahmad Fikri Abdullah, Jabatan Kejuruteraan Biologi Dan Pertanian</p>	<p>MODELLING PLUME DISPERSION PATTERN FROM A POINT SOURCE USING SPATIAL AUTO-CORRELATIONAL ANALYSIS Fanan Ujoh, Isa Dlima Kwabe Presenting Author: Fanan Ujoh, Nigeria Infrastructure Advisory Facility</p>								
1040 - 1100					<p>SPATIAL PROBABILISTIC APPROACH ON LANDSLIDE SUSCEPTIBILITY ASSESSMENT WITH INTEGRATION OF HIGH RESOLUTION LIDAR DERIVED PARAMETERS Siti Nur Afifah Aman, Zukiflee Abd Latif and Bilwajeet Pradhan Presenting Author: Zukiflee Abd Latif, Universiti Teknologi MARA</p>		<p>DELINEATION WETLAND AREAS FROM HIGH RESOLUTION WORLDVIEW-2 DATA BY OBJECT-BASED METHOD Nurhidayah Hassan, Juazer Rizal Abdul Hamid, Nor Azam Adnan and Muhamad Jaafar Presenting Author: Nurhidayah Hassan, Universiti Teknologi MARA</p>	<p>ACCURACY ASSESSMENT OF LANDSLIDE PREDICTION MODELS Ainon Nisa Othman, Wan Mohd Naim Wan Mohd and Noraini S Presenting Author: Ainon Nisa Othman, Universiti Teknologi Mara</p>								
1100 - 1120					<p>TRAVEL PATH IDENTIFICATION METHOD USING LIMITED GPS TRACKING DATA T Shimizu, T Yamaguchi, H A J Kawasa and Y Katagiri Presenting Author: Tetsuo Shimizu, Department Of Tourism Science, Tokyo Metropolitan University</p>		<p>UBIQUITOUS GEOSPATIAL CONCEPT IN EVOLUTION OF THE MACRO AND MICRO SPATIAL PLANNING Soheli Sabri, Ahmad Nazri Muhamad Ludin and Mohd Rafee Majid Presenting Author: Soheli Sabri, Universiti Teknologi Malaysia</p>	<p>CREATING A TSUNAMI DISASTER ARCHIVE OF THE GREAT NORTHEASTERN JAPAN EARTHQUAKE USING IMAGES UPLOADED TO THE INTERNET NORIAKI ENDO, AKIHIDE TAKEHARA Presenting Author: Noriaki Endo, Iwate University</p>								
1120 - 1140					<p>FLOOD EXTRACTION MODEL AND THE NATURAL FLOOD INFLUENCING FACTORS: A GIS-BASED AND REMOTE SENSING ANALYSIS Dano Umar Lawal, Abdul-Nasir Matori, Khamaruzaman Wan Yusof, Ahmad Mustafa Hashim and Abdul-Lateef Balogun Presenting Author: Dano Umar Lawal, Universiti Teknologi PETRONAS</p>		<p>USING GIS TO INTEGRATE THE ANALYSIS OF LAND-USE, TRANSPORTATION, AND ENVIRONMENTAL FOR MANAGING URBAN GROWTH BASED ON TRANSIT ORIENTED DEVELOPMENT IN THE METROPOLITAN OF JABODETABEK, INDONESIA H S Hasibuan, S Moersidik, R Koester and T P Soemardi Presenting Author: Hayati Sari Hasibuan, University Of Indonesia</p>	<p>SENTINEL ASIA-STEP2 UTILIZATION FOR DISASTER MANAGEMENT IN MALAYSIA Shahrilz Ide Moslin, Noor Azzawani Wahap, Ooi Wei Han Presenting Author: Shahrilz Ide Moslin, National Space Agency</p>								
1140 - 1200					<p>MANAGEMENT AND VISUALIZATION OF COASTAL ZONE BASED ON 3D EARTH MODEL Presenting Author: Jian Liu, Center For Earth Observation And Digital Earth, Chinese Academy Of Sciences</p>		<p>RECONSTRUCTING A SUPER-RESOLUTION IMAGE FROM IMAGES WITH INCONSISTENT SUB-PIXEL SHIFT: A CASE STUDY OF EGYPTSAT-1 DATA Ayman Nasr, Ashraf Helmy, Ghada El-Taweel Presenting Author: Ayman Nasr, National Authority For Remote Sensing</p>	<p>MULTIPLE REGRESSION METHOD TO DETERMINE AEROSOL DISTRIBUTION IN ATMOSPHERIC COLUMN IN PENANG, MALAYSIA Fuji Tan, Hwee San Lim, Khiruddin Abdullah, Tiem Leong Yoon, Mohamad Zubir Matjafri, and Brent Holben Presenting Author: Fuji Tan, Universiti Sains Malaysia</p>								
1200 - 1220					<p>STREAMFLOW MODELLING BY REMOTE SENSING: A CONTRIBUTION TO DIGITAL EARTH M L Tan, AB Latif, C Pohl and Z Duan Presenting Author: Mou Leong Tan, Institute Of Geospatial Science & Technology (INSTEK)</p>		<p>ECOLOGICAL FOOTPRINT AND FOOD CONSUMPTION IN MINNA, NIGERIA N T A Abd'razack and A bin Muhamad Ludin Presenting Author: Nelson T.A Abd'razack, Universiti Teknologi Malaysia</p>	<p>MANIPULATING API AND AOD DATA TO DISTINGUISH TRANSPORTATION OF AEROSOL AT HIGH ALTITUDE IN PENANG, MALAYSIA Fuji Tan, Hwee San Lim, Khiruddin Abdullah, Tiem Leong Yoon, Mohamad Zubir Matjafri, and Brent Holben Presenting Author: Fuji Tan, Universiti Sains Malaysia</p>								
1220 - 1230					Symposium Lunch & Poster Session											
1230 - 1300																
1300 - 1400											<p>Keynote 7: Smart City Li Deren, Wuhan University, China</p>					
1400 - 1430											<p>Keynote 8: Digital Heritage: Transforming Digital Data Into Information to preserve our World Heritage Mario Hernandez, ISPRS Representative, Latin America</p>					
1430 - 1500											<p>Keynote 9: How to let the Public Access Health Data Geoff West, Curtin University, Australia</p>					
1500 - 1530											<p>ICT Technologies Chairperson : Wang Yin Chai, Universiti Malaysia Sarawak, Sarawak</p>	<p>Digital City & Green Cities Chairperson : Mahavir, School of Planning and Architecture, India Co-chair: Narimah Samat, Universiti Sains Malaysia</p>	<p>Digital Heritage Chairperson : Mario Hernandez, ISPRS Representative, Latin America Co-chair : Samsudin bin Ahmad, Universiti Teknologi Malaysia</p>	<p>Health & Biodiversity Chairperson : Geoff West, Curtin University, Australia Co-chair : Shinya Numata, Tokyo Metropolitan University, Japan</p>		
1530 - 1550											<p>MANAGING AND SERVING LARGE COLLECTIONS OF IMAGERY Vinay Viswambaran and Esi Presenting Author: Vinay Viswambaran, Eari Headquarters</p>	<p>PANEL DISCUSSION Chairperson : Mahavir, India Co-chair : Narimah Samat, Malaysia Panelist 1 : Davina Jackson, Australia Panelist 2 : Vladimir S. Tikunov, Russia Panelist 3 : Ho Chin Siang, Malaysia</p>	<p>LEARNING FROM THE PAST: TRANSFORMING LOCAL WISDOM OF TRADITIONAL ARCHITECTURE TO SUSTAINABLE HOUSING CONSTRUCTION Ari Siswanto, Azizah Salim, Ahmad Hariza and Suhardi Maulan Presenting Author: Ari Siswanto, University of Sriwijaya</p>	<p>THE CONTRIBUTING FACTORS OF PATIENT'S FAMILY SATISFACTION TO NURSES CARING BEHAVIOUR IN HOSPITAL Ira Kusumawati, Renny Tri Wijayanti and Iwan Mayang Sari Presenting Author: Ira Kusumawati, Palembang Health Polytechnic, Indonesia</p>		
1550 - 1610											<p>GAMIFICATION AND DIGITAL EARTH APPLICATIONS David Wortley Presenting Author: David Wortley, Immersive Technology Strategies</p>	<p>High-level Meeting on Space Technology for Disaster Risk Reduction in Developing Countries</p>	<p>THE CONCEPT OF 4D CAPTURING: DIGITIZING THE HISTORY OF ISTANA JAJAH, KOTA BHARU, KELANTAN Md Mizanur Rashid, Nurul Hamiruddin Salleh, Nik Abdul Aziz Nik Din Presenting Author: Md Mizanur Rashid, International Islamic University Malaysia</p>	<p>DEVELOPMENT OF A MOBILE APPLICATION FOR AMPHIBIAN SPECIES RECOGNITION B Parveen, Chew T H, M S Shamsir, N Ahmad Presenting Author: Parveenderjeet Kaur Bal, Management And Science University</p>		
1610 - 1630					<p>A SPATIO-TEMPORAL PROCESS DATA MODEL FOR CHARACTERIZING MARINE DISASTERS Bing JIANG, Xin ZHANG, Xuanjun HUANG and Tong GAO Presenting Author: Bing Jiang, National Marine Data And Information Service</p>		<p>HERITAGE CONTRIBUTION IN SUSTAINABLE CITY Raheleh Rostami, Seyed Meysam Khoshnava, Rasool Rostami and Hasanuddin Lamit Presenting Author: Raheleh Rostami, Universiti Teknologi Malaysia</p>	<p>FOREST ROAD-NETWORKS, A PRACTICAL INDICATOR OF HUMAN IMPACTS ON BIODIVERSITY IN TROPICAL FORESTS T Hosaka, T Yamada, T Okuda Presenting Author: Tetsuro Hosaka, Tokyo Metropolitan University</p>								
1630 - 1650					Afternoon Tea Break & Poster Session		Afternoon Tea Break & Poster Session									
1650 - 1710					<p>NASA WORLD WIND FOR APPLICATION DEVELOPMENTS AND EUROPEAN CHALLENGE FOR STUDENTS AND PROFESSIONALS Gabor Remetey-Fülöpp, Patrick Hogan, Maria Brovelli Presenting Author: Gabor Remetey-Fülöpp, Hungarian Association for Geo-Information, Hungary</p>	<p>WRAP - UP SESSION & PHOTOGRAPHY SESSION</p>	<p>High-level Meeting on Space Technology for Disaster Risk Reduction in Developing Countries</p>	<p>THE PARADIGM OF HISTORICAL BUILDING MANAGEMENT IN MALAYSIA Muhammad Khairi Kamarudin, Zaharah Yahya, Rosta Harun and Aini Jaapar Presenting Author: Muhammad Khairi Kamarudin, Universiti Teknologi MARA</p>	<p>THE ROLE OF GREEN CORRIDORS FOR WILDLIFE CONSERVATION IN URBAN LANDSCAPE: A LITERATURE REVIEW H A Aziz, M H Rasidi Presenting Author: Hazlina Abdul Aziz, Universiti Teknologi Malaysia</p>							
1710 - 1730					<p>ALBEDO AND LAND SURFACE TEMPERATURE SHIFT IN HYDROCARBON SEEPAGE POTENTIAL AREA, IJCASE STUDY IN MIRI SARAWAK MALAYSIA A. Suherman, M.Z. A.Rahman, I. Busu Presenting Author: Adang Suherman, Universiti Teknologi Malaysia</p>		<p>THERMAL INFRARED REMOTE SENSING DETECTION METHOD RESEARCH OF ARCHAEOLOGICAL SITE H G Gao and L Yang Presenting Author: Yang Lin, National Museum Of China</p>	<p>A POTENTIAL TO MONITOR NUTRIENTS AS AN INDICATOR OF RANGELAND QUALITY USING SPACEBORNE REMOTE SENSING A Ramoelo, MA Cho, S Madonsela, R Mathieu, R van der Korchove, Z Kasza, E Wolf Presenting Author: Abel Ramoelo, Council For Scientific And Industrial Research, South Africa</p>								
1730 - 1800					<p>TEMPORAL AND SPATIAL PM10 CONCENTRATION DISTRIBUTION USING INVERSE DISTANCE WEIGHTED IN KLANG VALLEY, MALAYSIA S N M Tarmizi, A Asmat, S M Sumari Presenting Author: Siti Norhayati Mohamad Tarmizi, Universiti Teknologi MARA</p>		<p>GEOSPATIAL DATABASE FOR HERITAGE BUILDING CONSERVATION Wan Nor Fa'izah Wan Abdul Basir, Halim Setan, Zaikepili Majid and Albert Chong Presenting Author: Wan Nor Fa'izah Wan Abdul Basir, Universiti Teknologi Malaysia</p>	<p>THE ROLE DIVALENT/TRIVALENT CATIONS TO ENHANCE AEROBIC GRANULATION START UP M Anwar Alias, K Muda, A Aris and M A Kassim Presenting Author: Muhammad Anwar Alias, Universiti Teknologi Malaysia</p>								
1800 - 2200					Symposium Gala Dinner / Cultural Night											
END OF DAY 2																

Day 4 - 29 August 2013 / Thursday						
Time (hrs)	Registration Counter	MR 8	Great Hall B	MR 12	MR 13 + 14	Concourse 1&2
0700 - 0800						
0800 - 0830						
0830 - 0900				<p>Keynote 15: The Exploration and Mapping of Mineral and Hydrocarbon Resources Using EO Techniques Vem Singhroy, International Space University Strasbourg, France</p>		
0900 - 0930				<p>Keynote 16: Transforming Hazard Science into Sustainable Practice Jane Rivins, Integrated Research on Disaster Risk, China</p>		
0930 - 1000				Morning Tea Break & Poster Session		
1000 - 1020				<p>Early Warning, Emergency Management & National Security Chairperson : Jane Rivins, Integrated Research on Disaster Risk, China Co – Chair : Azmi Hassan, Universiti Teknologi Malaysia</p>	<p>Natural Resource Management & Agriculture Chairperson : Fanah Ujoh, Benue State University, Nigeria Co – chair : Lau Seng, Universiti Malaysia Sarawak, Malaysia</p>	<p>Transformation Towards Sustainable Low Carbon Society (LCS) Chairperson : Takeshi Fujiwara, Okayama University, Japan Co – Chair : Ho Chin Siong, Universiti Teknologi Malaysia</p>
1020 - 1040				<p>FLOOD LOSS ASSESSMENT IN THE KOTA TINGGI Tze Huey Tam, Ab Latif Ibrahim, Muhammad Zulkarnain Abd Rahman, Zulkifli Mazurac Presenting Author: Tze Huey Tam, Institute Of Geospatial Science & Technology (INSTEG)</p>	<p>INITIAL RESULTS OF THE SPATIAL DISTRIBUTION OF RUBBER TREES IN PENINSULAR MALAYSIA USING REMOTELY SENSED DATA FOR BIOMASS ESTIMATE Iqbal Putut Ash Shidiq, Mohd Hasnadi Ismail and Norizah Kamarudin Presenting Author: Iqbal Putut Ash Shidiq, Universiti Putra Malaysia</p>	<p>1000 - 1015 PARTICIPATORY APPROACH IN PLANNING FOR LOW CARBON AND ECO-VILLAGE: A CASE OF FELDA TAIB ANDAK MALAYSIA Ibrahim Ngah and Anis Syahira Zulkifli Presenting Author: Ibrahim Ngah, Centre For Innovative Planning And Development</p>
1040 - 1100				<p>A MICRO FOCUS WITH MACRO IMPACT: EXPLORATION OF INITIAL ABSTRACTION COEFFICIENT RATIO IN SOIL CONSERVATION SERVICES (SCS) CURVE NUMBER (CN) METHODOLOGY Lloyd Ling and Zulkifli Yusop Presenting Author: Lloyd Ling, Water Research Alliance</p>	<p>NATIONAL EVALUATION OF CHINESE COASTAL EROSION TO SEA-LEVEL RISE USING A BAYESIAN APPROACH Qin Zhan, Xiangtao Fan, Xiaoping Du, Junjie Zhu Presenting Author: Qin Zhan, Institute Of Remote Sensing And Digital Earth, Chinese Academy Of Sciences</p>	<p>1015 - 1030 REMOTE SENSING ASSESSMENT OF CARBON STORAGE BY URBAN FOREST K D Kanniah, N Muhamad and C S Kang Presenting Author: Kasturi Devi Kanniah, Universiti Teknologi Malaysia</p>
1100 - 1120				<p>AGENT-BASED SIMULATION OF BUILDING EVACUATION USING A GRID GRAPH-BASED MODEL Lu Tan, Hai Lin, Mingyuan Hu and Weibo Che Presenting Author: Lu Tan, The Chinese University Of Hong Kong</p>	<p>GRASSLAND DEGRADATION CAUSED BY TOURISM ACTIVITIES IN HULLUNBUIR, INNER MONGOLIA, CHINA Cao Le, Kenta Kazaki, Sirguleng, Atsunobu Kadono, Takashi Kosaki. Presenting Author: Le Cao, Tokyo Metropolitan University</p>	<p>1030 - 1045 SOLID WASTE MANAGEMENT IN ASIAN COUNTRIES : A REVIEW OF SOLID WASTE MINIMIZATION (3R) TOWARDS LOW CARBON Nor Eeda Haji Ali, Ho Chin Siong Presenting Author: Nor Eeda Haji Ali, Universiti Teknologi Malaysia</p>
1120 - 1140				<p>A RICH INTERNET APPLICATION FOR AUTOMATED DETECTION OF ROAD BLOCKAGE IN POST-DISASTER SCENARIOS Wei Liu, Center For Earth Observation and Digital Earth, Chinese Academy Of Sciences</p>	<p>REMOTE SENSING AND GIS APPLICATION IN BEST MANAGEMENT PRACTICE OF PRE-HARVEST PLANNING IN SULTAN IDRIS SHAH FORESTRY EDUCATION CENTRE (SIFEC), UPM K Norizah, I Mohd Hasnadi and Elini Mianah, UM Presenting Author : Mohd Hasnadi Ismail</p>	<p>1045 - 1100 RESEARCH AND IMPLEMENTATION OF COALFIELD SPONTANEOUS COMBUSTION OF CARBON EMISSIONS WEBGIS BASED ON SILVERLIGHT AND ARCGIS SERVER Zhu Zuojia, Bi Jiantao, Wang Qingqing, Zhu Wenju, Luo Guilin Presenting Author: Bi Jiantao, The Institute Of Remote Sensing And Digital Earth, Chinese Academy Of Sciences</p>
1140 - 1200				<p>LOCATION OF GEOGRAPHICAL OBJECTS IN CRISIS SITUATIONS M Rybansky and V Katschivil Presenting Author: Marian Rybansky, University Of Defence In Brno</p>	<p>A SPATIAL DECISION SUPPORT SYSTEM (SDSS) FOR SUSTAINABLE TOURISM PLANNING IN CAMERON HIGHLANDS, MALAYSIA M Aminu, A N Matori and K W Yusof Presenting Author: Mansir Aminu, Universiti Teknologi PETRONAS</p>	<p>1100 - 1115 ENVIRONMENTAL APPLICATION FOR GIS: ASSESSING ISKANDAR MALAYSIA'S (IM) DOMESTIC SLUDGE FOR POTENTIAL BIOMASS RESOURCE Mohd Razman Bin Salim, Nawal Binti Shaharudin & Khairol Bin Abdullah Halim Presenting Author: Mohd Razman Salim, Universiti Teknologi Malaysia</p>
1200 - 1220				<p>MAPPING PERCEPTION OF COMMUNITY PREPAREDNESS TOWARDS FLOOD IN MUAR RIVER, JOHOR MALAYSIA Tengku Amirul Tengku Asmara and Ahmad Nazri Muhammad Ludin Presenting Author: Tengku Amirul Tengku Asmara, Universiti Teknologi Malaysia</p>	<p>IMPLEMENTATION OF FOREST COVER AND CARBON MAPPING IN THE GREATER MEKONG SUBREGION AND MALAYSIA PROJECT – A CASE STUDY OF THAILAND S Pungkul, C Suraswasdi and V Phonekao Presenting Author: Vivasard Phonekao, Geoinformatics Center, Asian Institute Of Technology</p>	<p>1115 - 1130 WILLINGNESS TO ENGAGE IN ENERGY CONSERVATION AND CO2 EMISSIONS REDUCTION: AN EMPIRICAL INVESTIGATION Stephen Enyinnaya Eluwa, Ho Chin Siong Presenting Author: Stephen Eluwa, UTM, Johor Bahru</p>
1220 - 1230				<p>A SURVEY OF WIRELESS INDOOR POSITIONING TECHNOLOGY FOR EMERGENCY RESPONDING Lei Niu Presenting Author: Lei Niu, Henan University of Urban Construction</p>	<p>AGRO-INDUSTRIAL WASTE PROFILE: A STUDY ON THE AVAILABILITY, DISPOSAL, AND POTENTIAL USES Wai Loan Liew Presenting Author: Wai Loan Liew, Universiti Teknologi Malaysia</p>	<p>1130 - 1145 EXPLORING THE ROLE OF GREEN AND BLUE INFRASTRUCTURE IN REDUCING TEMPERATURE IN ISKANDAR MALAYSIA K D Kanniah, A shekhi and C S Kang Presenting Author: Chuen Siang Kang, Universiti Teknologi Malaysia</p>
1230 - 1300				Symposium Lunch & Poster Session		
1300 - 1400				<p>Keynote 17: Challenges in Upscaling Pilot Result to Watershed Level Assessment Of Hydrological Impacts Zulkifli Yusop, Institute of Environmental & Water Resource Management (IPASA), Malaysia</p>		
1400 - 1430				<p>Keynote 18: A Multi-Temporal Digital Earth Approach for Monitoring Natural Resources in Sub-Saharan Africa, Illustrated by Means of Selected Case Studies Fanah Ujoh, University of Abuja, Nigeria</p>		
1430 - 1450				<p>FLOOD FINDER: MOBILE-BASED AUTOMATED WATER LEVEL ESTIMATION AND MAPPING DURING FLOODS B Pongstiyaporn, C Jariyavajee, N Laoharawee, N Narkthong, T Pritchard and S E. Goldin Presenting Author: Nuntapat Narkthong, King Mongkut's University Of Technology Thonburi</p>	<p>TOWARD MALAYSIAN SUSTAINABLE AGRICULTURE IN 21ST CENTURY Kheuro Khorramnia, A R M Shariff, A Abdul Rahim, S Mansor Presenting Author: Khosro Khorramnia, Universiti Putra Malaysia</p>	<p>1430 - 1445 TRAVEL EMISSION PROFILE OF ISKANDAR MALAYSIA NEIGHBOURHOODS FROM PRE-1980S TO 2010S A N Nordin, M R Majid, F Johar Presenting Author: M. Raifee Majid, Universiti Teknologi Malaysia</p>
1450 - 1510				<p>A COLLABORATIVE LARGE SPATIOTEMPORAL DATA VISUALIZATION ARCHITECTURE FOR EMERGENCY RESPONSE Danhua Guo, Jianhui Li, Hongjie Cao, Yuanchun Zhou Presenting Author: Danhua Guo, Computer Network Information Center</p>	<p>Early detection of plant disease using close range sensing system for input into digital earth environment W C Chew, Mazlan Hashim, Alvin M S Lau, and A E J Battay, C S Kang Presenting Author: Chew Wei Chuang, Universiti Teknologi Malaysia</p>	<p>1445 - 1500 INCOME-CARBON FOOTPRINT RELATIONSHIPS FOR URBAN AND RURAL HOUSEHOLDS OF ISKANDAR MALAYSIA N Moieznadeh and H Y Tiwa Presenting Author: M. Raifee Majid, Universiti Teknologi Malaysia</p>
1510 - 1530				<p>DEVELOPMENT OF RURAL EMERGENCY MEDICAL SYSTEM (REMS) WITH GEOSPATIAL TECHNOLOGY IN MALAYSIA W H Ooi, I M Shahrizal, A Noordin, M I Nurulain and M Y Norhan Presenting Author: Ooi Wei Han, National Space Agency</p>		<p>1500 - 1515 DETERMINANT FACTORS OF INDUSTRIAL SYMBIOSIS: GREEN PASIR GUDANG INDUSTRIAL PARK Bor Tsong Teh, Chin Siong Ho, Yuzuru Matsuoka, Loon Wai Chau, Kei Gomi Presenting Author: Teh Bor Tsong, Universiti Teknologi Malaysia</p>
1530 - 1550				<p>ISSUES AND CHALLENGES IN ADAPTING MOBILE TECHNOLOGY IN INFECTIOUS ANIMAL DISEASE SURVEILLANCE Nor Arlina Amirah Ahmad Ghani Presenting Author: Nor Arlina Amirah Ahmad Ghani, Universiti Teknologi Malaysia</p>		<p>1515 - 1530 TOWARDS SUSTAINABLE SOLID WASTE MANAGEMENT: INVESTIGATING HOUSEHOLD PARTICIPATION IN SOLID WASTE MANAGEMENT A M Akil, C S Ho Presenting Author: Azilah Mohamed Akil, Universiti Teknologi Malaysia</p>
1550 - 1610				Panel Discussion "Transforming knowledge into sustainable practice" Chair: John Richards		
1610 - 1630				Afternoon Tea Break & Poster Session		
1630 - 1730				Closing Ceremony		

END OF DAY 4