

ISTEC: Advanced Geospatial and Surveying Conference 2020 (AGeos2020)

7 OCTOBER 2020 (WEDNESDAY)

Time (MYT)	Itinerary			
	Morning Session			
0730 – 0800	Opening link to all promotional online media platforms			
0800 – 1000	Parallel Session (SURVEYING SCIENCE)	Parallel Session (GEOGRAPHICAL INFORMATION SYSTEM)	Parallel Session (REMOTE SENSING)	Parallel Session (UAV PHOTOGRAMMETRY)
	Chairperson: Sr Dr Ashraf Abdullah	Chairperson: Nurhafiza Md Saad	Chairperson: Gs Dr. Fazly Amri Mohd	Chairperson: Dr Nazirah Md Tarmizi
	Session A 5 presenters Link: ~~will be provided soon~~	Session B 5 presenters Link: ~~will be provided soon~~	Session C 5 presenters Link: ~~will be provided soon~~	Session D 5 presenters Link: ~~will be provided soon~~
Link for Plenary & Keynote Session: ~~will be provided soon~~				
0950 – 1000	Welcoming all guests to AGeos2020 Virtual Conference			
1000 – 1005	Recital Du'a by Sr Mohd Khairy Kamaruddin			
1005 – 1015	Opening & welcoming video speech: Rector of UiTM Perlis Branch, Prof Dr. Hj. Khudzir Hj Ismail			
1015 – 1020	Presenting i-DeA2020 Conference Montage			
1020 – 1100	Plenary Speaker: Sr Mohd Latif Bin Zainal (Director of Survey (Coordinating and Mapping Policy Division) JUPEM, Malaysia)			
1100 – 1120	Hidrokinetik Sdn Bhd: <i>Technology in Hidrographic Surveying</i>			
1125 – 1205	Keynote Speaker: Distinguished Prof. Dr Biswajeet Pradhan (Director of Centre for Advanced Modelling and Geospatial, University of Technology Sydney)			
	Title: <i>Spatial Intelligence for Natural Hazards Modelling: Where Are We Heading?</i>			
1205 – 1225	THS Geosciences Sdn Bhd: <i>Technology in Surveying Application</i>			
1225 – 1230	Online photography session			

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Time (MYT)	Itinerary			
Afternoon Session				
1330 - 1430	Opening link to all parallel online media platforms			
1430 – until end of the session	Parallel Session (SURVEYING SCIENCE)	Parallel Session (GEOGRAPHICAL INFORMATION SYSTEM)	Parallel Session (REMOTE SENSING)	Parallel Session (MULTIDISCIPLINARY)
	Chairperson: Sr Mohd Adhar Abd Samad	Chairperson: Gs Dr. Nurul Ain Zaki	Chairperson: Dr Masayu Norman	Chairperson: Siti Maryam Abdul Wahab
	Session E 6 presenters Link: ~~will be provided soon~~	Session F 4 presenters Link: ~~will be provided soon~~ Invited Speaker: Dr Effi Helmy Ariffin “The effect of Coastal Defence on Shoreline Changes in Monsoon Dominated Coast”	Session G 5 presenters Link: ~~will be provided soon~~	Session H 6 presenters Link: ~~will be provided soon~~

PARALLEL SESSION SCHEDULE

MORNING SESSION

SESSION A

FIELD: SURVEYING SCIENCE

CHAIRPERSON: Sr Dr. Ashraf Abdullah

LINK: ~~~will be provided soon~~~

TIME	PRESENTATION
0800 - 0810	Introduction by Chairperson
0810 – 0830	“Title: Marine Spatial Alienation Perspective in Malaysia Towards Marine Cadastre Implementation <i>Ashraf Abdullah</i> ”
0830 – 0850	“Title: Terrestrial Laser Scanner Self-Calibration: Quantitative Evaluation of Minimum Network Configuration” <i>Samsuri Mohd Salleh, Mohamad Aizat Asyraff Mohamad Azmi, Mohd Azwan Abbas, Mohamad Asrul Mustafar, Norshahrizan Mohd Hashim, Saiful Aman Sulaiman and Che Senu Salleh</i> ”
0850 – 0910	“Title: Accuracy Assessment of Atlas L-band GNSS Global Correction Service and Autonomous Positioning at Perlis, Malaysia” <i>Mohd Zainee Zainal, Wan Muhammad Syafiq Wan Mohd Suhaimi, Nurul Ain Mohd Zaki, Noorzalinee Ghazali, Khairulazhar Zainuddin and Hamlussalam Md Dali</i> ”
0910 – 0930	“Title: Tree inundation period determination for mangroves rehabilitation monitoring” <i>Muhammad Aiman Mohd Mokhtar, Noorzalinee Ghazali, Mohd Zainee Zainal, Khairulazhar Zainuddin and Hamlussalam Md. Dali</i> ”
0930 – 0950	“Title: A Newly Established Geodetic Datum and Map Projection of UTM Geodetic Markers using Geodetic Type Receiver” <i>Liew Jeng U, Ami Hassan Md Din, Khairulnizam M Idris, Mohammad Hanif Hamden, Nur Adilla Zulkifli and Andi Mohd Hairy Ansar</i> ”
0950 - 0955	Photography Session
0955 - 1000	Session postponement announcement by Chairperson

SESSION B

FIELD: GEOGRAPHIC INFORMATION SYSTEM

CHAIRPERSON: Sr Nurhafiza Md Saad

LINK: ~~will be provided soon~~

TIME	PRESENTATION
0800 - 0810	Introduction by Chairperson
0810 – 0830	“Title: Correspondence Between Drug Addict Mapping and Crime Activities Distribution” <i>Nurhafiza Md Saad, Nazlin Md Jamil, Noorfatekah Talib, Siti Aminah Anshah and Abdul Rauf Abdul Rasam</i>
0830 - 0850	“Title: Land Suitability for Potential Jatropha Plantation in Malaysia” <i>Ernieza Suhana Mokhtar, Norshahirah Md Akhir, Nurul Ain Mohd Zaki, Farrah Melissa Muharam, Biswajeet Pradhan and Usman Salihu Lay</i>
0850 - 0910	“Title: Cross Section Intervals of Flood Inundation Mapping at Ungauged Area” <i>Suhaila Hashim, Ernieza Suhana Mokhtar, Ahmad Ikhwan Abdul Halim, Wan Mohd Naim Wan Mohd, Nor Aizam Adnan and Biswajeet Pradhan</i>
0910 - 0930	“Title: Soil Suitability Analysis for Harum Manis Mango Cultivation in UiTM Arau, Perlis” <i>Nursyahani Nasron, Nur Shakira Ghazali, Nurhaliza Mohamad Shahidin, Azlizan Adila Mohamad, Noorsazwan Ahmad Puqi and Noorazwani Mohd Razi</i>
0930 – 0950	“Title: Applicability of the CA-Markov Model in Land-use/ Land cover Change Prediction for Urban Sprawling in Batticaloa Municipal Council, Sri Lanka” <i>Mathanraj Seevarethnam, Noradila Rusli and Gabriel Hoh Teck Ling</i>
0950 - 0955	Photography Session
0955 - 1000	Session postponement announcement by Chairperson

SESSION C FIELD: REMOTE SENSING CHAIRPERSON: Gs Dr Fazly Amri Mohd LINK: ~~~will be provided soon~~~	
TIME	PRESENTATION
0800 - 0810	Introduction by Chairperson
0810 - 0830	“Title: The Extraction of Shoreline Erosion at Kuala Terengganu Using High Spatial Resolution Image” <i>Fazly Amri Mohd, Mohd Khairy Kamarudin, Masayu Norman, Zuraihan Mohamad, Ashnita Rahim and Rohayu Haron Narashid</i>
0830 - 0850	“Title: Assessment of Pleiades Satellite Image for Mangrove Classification” <i>Siti Aminah Anshah, Sharul Nizam Rosli, Hamdan Omar, Noorfatekah Talib, Nurhafiza Md Saad and Mimi Diana Ghazali</i>
0850 - 0910	“Title: Evaluation of Satellite Based Rainfall Precipitation Estimation” <i>Zurairhan Mohamad, Mohamad Zaid Abu Bakar and Masayu Norman</i>
0910 – 0930	“Title: Estimation of Carbon Sequestration in Hilir Perak District” <i>Mohd Khairy Kamarudin and Fazly Amri Mohd</i>
0930 – 0950	“Title: The Comparison of Land Subsidence between East and West Side of Bangkok, Thailand” <i>Angkana Pumpuang and Anuphao Aobpaet</i>
0950 - 0955	Photography Session
0955 - 1000	Session postponement announcement by Chairperson

SESSION D <u>FIELD: UAV PHOTOGRAMMETRY</u> CHAIRPERSON: Dr Nazirah Md Tarmizi LINK: ~~will be provided soon~~	
TIME	PRESENTATION
0800 - 0810	Introduction by Chairperson
0810 - 0830	“Title: Accuracy Assessment of Detecting Cracks on Concrete Wall at Different Distances using Unmanned Autonomous Vehicle (UAV) Images” <i>Sharifah Norashikin Bohari, Ain Uzzairah Amran, Nurul Ain Mohd Zaki, Muhammad Safwan Suhaimi and Abdul Rauf Abdul Rasam</i>
0830 - 0850	“Title: A Comparative Flight Altitude Using Multi-Rotor UAV for Oil Palm Tree Counting” <i>Noorfatekah Talib, Mohamad Shafizal Mohd Saad, Siti Aminah Anshah, Nurhafiza Md Saad, Mimi Diana Ghazali, Mohd Amsyar Abdullah and Wan Jafni Hazwan Wan Mohd Jailani</i>
0850 - 0910	“Title: Accuracy Assessment of Non-Metric Digital Camera for Lab And Field Calibration” <i>Ashnita Rahim, Muhammad Safwan Suhaimi, Sharifah Norashikin Bohari, Mohd Azwan Abbas and Muhammad Haziq Muzaini Kamaruzaman</i>
0910 – 0930	“Title: Application of Unmanned Aerial Vehicles (UAV) in conducting site analysis for urban planning purposes” <i>Bridget Rata Nelson and Noradila Rusli</i>
0930 – 0950	“Title: Application of Thailand Realtime CORS GNSS Network for UAVs Photogrammetry” <i>Torlap Kanplumjit, Rojana Koonpoon and Somjai Muenjorn</i>
0950 - 0955	Photography Session
0955 - 1000	Session postponement announcement by Chairperson

PARALLEL SESSION SCHEDULE

AFTERNOON SESSION

SESSION E

FIELD: SURVEYING SCIENCE

CHAIRPERSON: Sr Mohd Adhar Abd Samad

LINK: ~~will be provided soon~~

TIME	PRESENTATION
1430 - 1440	Introduction by Chairperson
1440 - 1500	“Title: Investigation of Delay Issues on Application of Strata Title System at Pulau Pinang” <i>Mohd Adhar Abd Samad, Mohammad Azim Mohd Asri, Mimi Diana Ghazali, Mohamad Azril Che Aziz and Mohd Khairy Kamarudin</i>
1500 – 1520	“Title: Assessment of Coastal Altimetry Data in the South China Sea using Multiple Frequency Approaches” <i>Andi Mohd Hairy Ansar, Ami Hassan Md Din, Khairulnizam M Idris, Mohammad Hanif Hamden, Mat Nizam Uti and Liew Jeng U</i>
1520 - 1540	“Title: Delineation Method of Kedah-Perlis State Marine Boundary Line in Reference to Warta Persempadanan Kerajaan Negeri Kedah 1953” <i>Nazirah Md Tarmizi, Norsakinah Abdul Wahab, Mohd Shukri Mohd Yusop and Ashraf Abdullah</i>
1540 - 1600	“Title: The Analysis and prediction of tide at Kukup Using U-Taps software” <i>Auwal Garba Abubakar, Mohd Razali Mahmud and Kelvin Kang Tang</i>
1600 - 1620	“Title: Least square modification of stokes formulae with additive corrections estimator for Klang Valley geoid modelling” <i>Tang Kieh Ming, Zulkarnaini Mat Amin and Ami Hassan Md Din</i>
1620 - 1740	“Title: Mapping for Indoor Walking Path Using Mobile Scanner” <i>Nurfadhilah Ruslan, Nabilah Naharudin and Nur Syazwani Rasdhan</i>
1700 - 1705	Photography Session
1705 - 1710	Event closing announcement by Chairperson

SESSION F

FIELD: GEOGRAPHIC INFORMATION SYSTEM

CHAIRPERSON: Gs Dr Nurul Ain Zaki

LINK: ~~will be provided soon~~

TIME	PRESENTATION
1430 - 1440	Introduction by Chairperson
1440 - 1505	Invited Speaker: Dr Effi Helmy Ariffin <i>"The effect of Coastal Defence on Shoreline Changes in Monsoon Dominated Coast"</i>
1505 – 1525	"Title: Mapping Immigrant Populations: A GIS-Based Public Perception Exploratory Analysis" <i>Athanasius Sumping, Abdul Rauf Abdul Rasam, Nor Aizam Adnan and Nurhafiza Md Saad</i>
1525 – 1545	"Title: Disease Risk Mapping of Tuberculosis Hotspots in Klang: Where and Why the Areas Can Be at High Risk of Infection?" <i>Ilham Abdul Jalil and Abdul Rauf Rasam</i>
1545 – 1605	"Title: Exploring the Potential of GIS Application for Muslim Cemetery Management" <i>Noradila Rusli, Ami Hassan Md. Din, M. Rafee Majid and Ahmad Johari Awang</i>
1605 - 1625	"Title: Identification and Analysis of Poverty Area in Kuala Perlis by using Geographical Information System Application" <i>Mohamad Azril Che Aziz, Nada Syifaa Inani Rosli, Mohd Khairy Kamarudin and Mohd Adhar Abd Samad</i>
1625 - 1645	Photography Session
1645 - 1650	Event closing announcement by Chairperson

SESSION G <u>FIELD: REMOTE SENSING</u> CHAIRPERSON: Dr Masayu Norman LINK: ~~will be provided soon~~	
TIME	PRESENTATION
1430 - 1440	Introduction by Chairperson
1440 - 1500	“Title: Urban building detection using object-based image analysis (OBIA) and machine learning (ML) algorithms” <i>Masayu Norman, Hanani Mohd Shahar, Zuraihan Mohamad, Ashnita Rahim, Fazly Amri Mohd and Helmi Zulhaidi Mohd Shafri</i>
1500 - 1520	“Title: A Three Decades Urban Growth Monitoring in Hadejia, Nigeria Using Remote Sensing and Geospatial Techniques” <i>Jibrin Gambo, Yusuf Ahmad Yusuf, Helmi Zulhaidi Bin Mohd Shafri, Usman Salihu Lay and Abubakar Ahmad</i>
1520 - 1540	“Title: Planted Forest Fire Burn Area and Impact Assessment Using Sentinel-2: Case Study of the University of Ilorin Teak Plantation” <i>Mohammed Idrees, Folaranmi Babalola, Omar Dahir, Abdulganiyu Yusuf and Ayo Babalola</i>
1540 - 1600	“Title: Coastal Geomorphology and Erosion Rate Analysis along Pulau Tuba, Langkawi” <i>Nor Aizam Adnan, Farah Qistina Shahibul Fadilah, Ernieza Suhana Mokhtar, Abdul Rauf Abdul Rasam, Mohd Fazly Amri Mohd and Raihan Maisara Ahmad Idzdihar</i>
1600 - 1620	“Title: A Conceptual Paper on Estimating Above Ground Biomass Carbon Sequestration” <i>Noorazwani Mohd Razi, Wani Ruzainee Mohd Izani and Nursyahani Nasron</i>
1620 - 1625	Photography Session
1625 - 1630	Event closing announcement by Chairperson

SESSION H

FIELD: MULTIDISCIPLINARY

CHAIRPERSON: Siti Maryam Abdul Wahab

LINK: ~~~will be provided soon~~~

TIME	PRESENTATION
1430 - 1440	Introduction by Chairperson
1440 - 1500	“Title: An Overview on Malay Reserve Enactment between States in Peninsular Malaysia” <i>Siti Maryam Abdul Wahab and Nurul Atikah Rosli</i>
1500 – 1520	“Title: Effect of Erosion and Accretion on Beach Profile in Kuala Terengganu Coastal Areas” <i>Rohayu Haron Narashid, Muhammad Arif Zakaria, Fazly Amri Mohd, Muhammad Faiz Pa'Suya, Effi Helmy Ariffin and Noorfatekah Talib</i>
1520 - 1540	“Title: Assessment of Augmented Reality Mobile Application for Educational Purposes” <i>Amirul Afiq, Noradila Rusli, Gabriel Hoh Teck Ling and Lee Yoke Lai</i>
1540 – 1600	“Title: Towards Automated Digitization of Cartographic Paper Maps: Issues, Challenges and Potentials in Malaysia Library Archive” <i>Saiful Anuar Jaafar and Abdul Rauf Abdul Rasam</i>
1600 - 1620	“Title: Free Online Cartographic Tools for Automatic Map Generation: An Exploratory Study on Tourists Geovisualization” <i>Nazrin Jiro, Abdul Rauf Abdul Rasam and Sharifah Norashikin Bohari</i>
1620 – 1640	“Title: Augmented Reality (AR) for Promoting Public Participation in Urban Planning: A Pilot Study” <i>Johari Awang, Rafee Majid and Noradila Rusli</i>
1640 – 1645	Photography Session
1645 - 1650	Event closing announcement by Chairperson