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FOREWORD

Prof. Datuk Ir. Dr. Wahid Omar

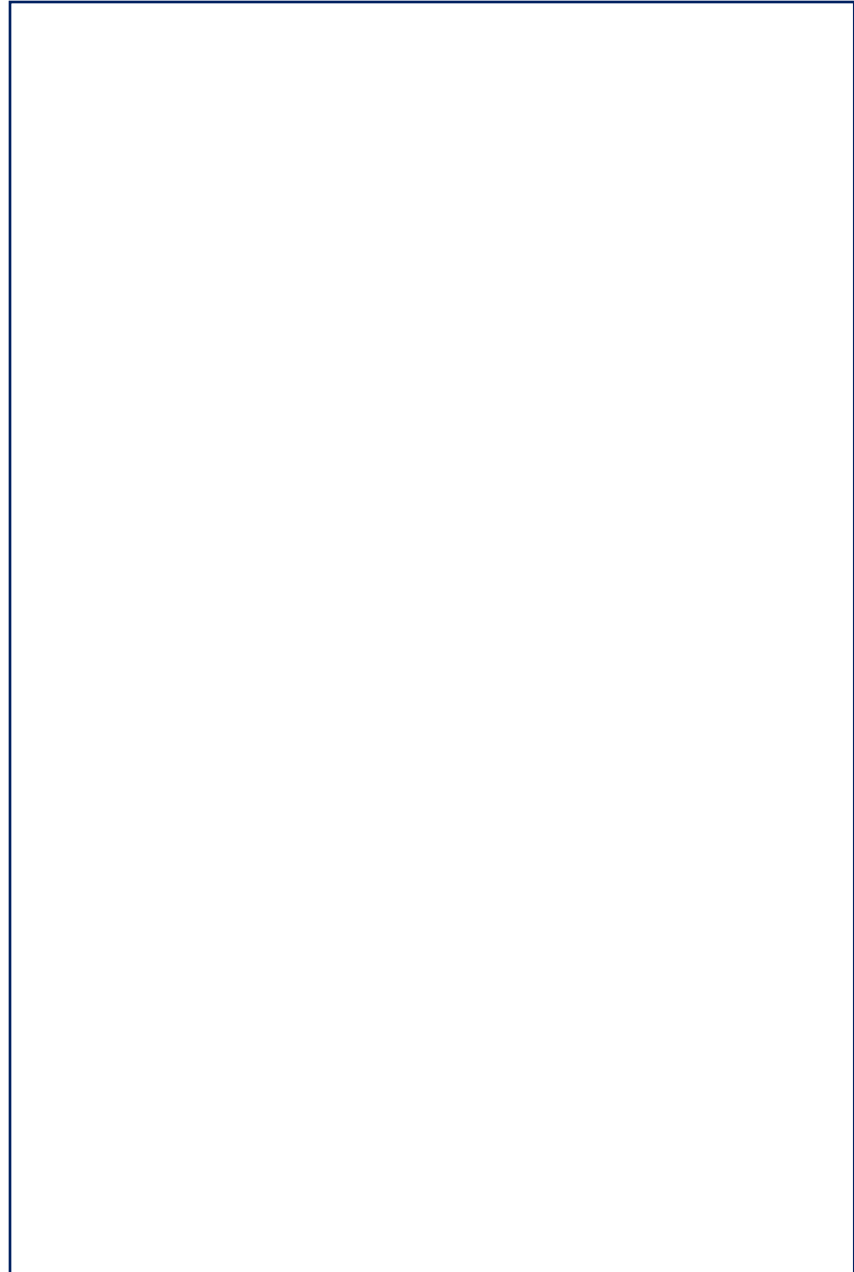
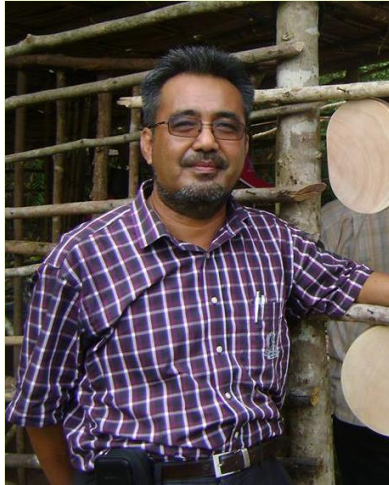
Vice Chancellor of Universiti Teknologi Malaysia



FOREWORD

Prof. Dr. Ibrahim Ngah

Chair of Organising Committee RRPG-7



INTRODUCTION

UNIVERSITI TEKNOLOGI MALAYSIA



Universiti Teknologi Malaysia (UTM) is the largest engineering-based university in Malaysia offering a variety of programmes for all levels of education. It is located both in Kuala Lumpur, the capital city of Malaysia and Johor Bahru, the city in Iskandar Malaysia, a vibrant economic corridor in the south of Peninsular Malaysia.

UTM's mission is to lead in the development of creative and innovative human capital and advanced technologies that will contribute to the nation's wealth creation. This is in line with the aspiration of the country towards becoming a knowledge-based, innovation-led economy grounded in creativity and innovation with high value creation. Through a strategic transformation of its organisational structure, UTM is focused in creating a vibrant academic culture and fertile intellectual ecosystem that inspire creativity and innovation.

With a strength of more than 2,000 academic staff, of which more than 200 are international graduate faculty members, UTM continuously strives to develop and enhance quality academic and professional programmes of international standard and global recognition. The student population consists of more than 15,000 full-time undergraduate students, more than 6,000 enrolled in distance learning programmes as part-time students and more than 8,000 postgraduate students in various fields of specialisation. More than 2,000 of these students are international students.

UTM has established a reputation for cutting-edge research undertakings and innovative education, proven by becoming the three-time winner for the National Intellectual Property Award for organisation category. A stimulating research culture exists in UTM through 11 Research Alliances (RA) in strategic disciplines namely Sustainability, Infocomm, Water, Cybernetics, Biotech, Construction, Materials & Manufacturing, K-Economy, Energy, Transportation and Nanotechnology. In addition, there are 28 Centres of Excellence to service technological education and research needs of the university.

UTM is actively engaged in research collaboration with renowned institutions such as Harvard University, MIT, University of Oxford, Imperial College of London, University of Cambridge, Tokyo University and Meiji University in areas of mutual interests.

INTRODUCTION

FAKULTI ALAM BINA (FAB)

FACULTY OF BUILT ENVIRONMENT

The Faculty was initially established in 1970, which was then known as the Faculty of Architecture. In 1974 it became the Faculty of Built Environment which now comprises the Departments of Architecture, Quantity Surveying, Town and Regional Planning and Landscape Architecture. Currently these Departments offer Bachelor of Architecture, Bachelor of Quantity Surveying, Bachelor of Urban and Regional Planning, Bachelor of Landscape Architecture and Bachelor of Science in Construction. The programmes are designed to provide a firm academic base and professional expertise in the respective disciplines. At the same time, the programmes give great emphasis on the development of students' generic skills and technical capabilities. These programmes would create highly employable graduates in the local and global market.

All the undergraduate programmes conducted by the Faculty are recognised by the Public Department of Malaysia and accredited by the respective governing boards or local as well as international professional institutions relevant to the programme.



INTRODUCTION

RRPG 7th International Conference and Field Study In Malaysia 2016

Advancing Inclusive Rural Development and Transformation in a Challenging Environment

We are facing the challenge of uncertainty of economic growth, increased globalization process, political conflicts and climate change that the questions of sustainability, and inclusivity of development becoming more pressing. The new global development agenda and Sustainable Development Goals (SDGs) also call for more commitment for inclusive development. However, given the need to foster economic growth and competitiveness, concentration of development in core regions seems to be a common strategy adopted by many governments in developing countries, the outcome would further increase the development gap in rural areas.

In the context of the various challenges facing the world today we would like to call upon scholars and practitioners to look into how rural development could incorporate inclusive and sustainable communities that synergize and balance between rural and urban areas as well as achieving sustainable development, poverty eradication and resilient community.

RRPG7 has the overall aim of bringing together stakeholders, policy makers, prominent figure, leading academic scientists, researchers and the public to explicitly discuss and advance our understanding of the following issues related to rural transformation, inclusive rural development and resilience rural environment. This conference will feature leading figures in various fields involving sustainable rural development, community empowerment, local economic development and community-based disaster risk reduction as well as resilience rural community studies.

CONFERENCE PROGRAMME

SUNDAY, 14 AUGUST 2016

Time	Details
14:00 – 20:00	RRPG members and international participants arrival and check-in at Scholar's Inn UTM

MONDAY, 15 AUGUST 2016

Senate Hall, Bangunan Canselori Sultan Ibrahim, UTM

Time	Details
08:15 – 08:45	Conference Registration
08:45 – 09:00	Arrival of guests and VVIP
09:00 – 09:10	National Anthem Lagu Bangsa Johor Recitation of Doa'
09:10 – 09:15	Welcoming Speeches: Prof Dr Ibrahim Ngah (Conference Chairman)
09:15 – 09:20	Prof. Datuk Ir. Dr. Wahid Omar (Vice Chancellor of UTM)
09:20 – 09:25	YB Tan Sri Shahrir Samad (Chairman of Bait Al-Amanah)
09:25 – 09:30	Dr. David Preston (Founding Member of RRPg, Social Sciences Division, University of Oxford, UK)
09:30 – 10:15	Opening Session & Keynote Speech YAB Dato' Mohamed Khaled bin Nordin, Menteri Besar Johor
10:15 – 10:30	Special Event <ul style="list-style-type: none"> • Signing of LoC between UTM and Universitas Mahasaraswati Denpasar Bali, Indonesia

10:30 – 11:00	Coffee Break & Photography Session/ Press Conference
11:00 – 11:40	<p>Session 1 (Keynote Address) Moderator: Dr. David Preston <i>Social Sciences Division, University of Oxford, UK</i></p> <p>Keynote Speaker 1: Prof. Dr. Jonathan Rigg <i>Director, National University of Singapore (NUS) Asia Research Institute</i> 'From Vulnerability to Precarity? Rural Lives and Livelihoods Under Conditions of Neo-Liberalism'</p>
11:40 – 12:20	<p>Keynote Speaker 2: Prof. Dr. Amran Hamzah <i>Director, Centre for Innovative Planning & Development (CiPD), Universiti Teknologi Malaysia, Johor Bahru, Malaysia</i> 'The Application of the Micro Cluster Concept as the Planning Rationale for the Formulation of the National Ecotourism Plan 2016-2025'</p>
12:20 – 13:00	<p>Keynote Speaker 3: Prof. Dr. Suratman <i>Vice Rector for Research and Community Service, Universitas Gadjah Mada, Yogyakarta, Indonesia</i> 'Sustainable Rural Development Innovation'</p>
13:00 – 14:30	Lunch / Break (Banquet Hall, Bangunan Canselori Sultan Ibrahim)
14:30 – 17:00	<p>Session 2 (Parallel) Lecture Rooms, B12, Faculty of Built Environment, UTM</p>
17:00	<p>Afternoon Tea End of Day 1</p>

RRPG 2016 DINNER*

MONDAY, 15 AUGUST 2016

Rumah Alumni (*Alumni House*), UTM

Time	Details
19:45 – 20:00	Arrival of guests and delegates
20:00 – 22:00	Dinner and photos slide show
22:00	Photography Session End

*Dress Code: Formal/Batik

TUESDAY, 16 AUGUST 2016

Faculty of Built Environment Convention Hall, B12, UTM

Time	Details
08:30 – 09:00	<p>Session 3 (Keynote Address)</p> <p>Moderator: Dr. Ernan Rustiadi <i>Bogor Agriculture Institute, West Java, Indonesia</i></p> <p>Keynote Speaker 4:</p> <p>Dr. Drs. I. Made Sukamerta <i>Rector, Universitas Mahasaraswati, Denpasar, Indonesia</i> ‘Promoting Inclusive Development of Bali Rural Tourism with Focused on <i>Subak</i> Traditional Sacred Landscapes as Resources for Edu-Tourism’</p>
09:00 – 09:30	<p>Keynote Speaker 5:</p> <p>Prof. Dr. Suriati Ghazali <i>School of Humanities, Universiti Sains Malaysia (USM)</i> ‘Urban or Rural? Identity Challenges at the Peri-Urban Areas’</p>

09:30 – 10:00	<p>Keynote Speaker 6: Prof. Dr Yamaji Eiji <i>Department of International Studies, Graduate School of Frontier Sciences, University of Tokyo</i></p> <p>(Title to be confirmed)</p>
10:00 – 10:30	<p>Keynote Speaker 7: Prof. Dr. Sulaiman Sajilan <i>Director, Centre for Rural Economic Development (CRED), Universiti Kuala Lumpur</i></p> <p>‘Urbanize the Rural: New Direction in Developing Entrepreneurs for Sustainable Development’</p>
10:30 – 11:00	Coffee Break
11:00 – 13:00	<p>Session 4 (Parallel) Lecture Rooms, B12, Faculty of Built Environment, UTM</p>
13:00 – 14:00	Lunch / Break
14:00 – 16:30	<p>Session 5 (Parallel) Lecture Rooms, B12, Faculty of Built Environment, UTM</p>
16:30 – 17:00	<p>Closing Speech by Conference Chairman, Prof. Dr. Ibrahim Ngah Photography Session</p>
17:00 – 18:30	<p>End of Conference Tour Campus</p>

WEDNESDAY, 17 AUGUST 2016

Field Study to Parit Tengah & Air Hitam, Batu Pahat District, Johor

Time	Details
08:00 – 9:00	Gather at Scholar's Inn foyer and depart to Parit Tengah Village
09:00 – 10:00	Arrival of participants at Parit Tengah Village and briefing by Village Committee
10:00 – 10:30	Coffee Break
10:30 – 12:00	Site visit at Parit Tengah Village
12:00 – 13:00	Lunch / Break
14:00 – 18:30	Site visit to Organic Farm in Air Hitam, Batu Pahat District
18:30	Depart to Scholar's Inn UTM

WEDNESDAY, 17 AUGUST 2016

Check-out (Participants attending conference without joining the field study)

Time	Details
08:00	Check out

For those who are ONLY attending the conference WITHOUT joining the field study trip, your accommodation at the Scholar's Inn UTM will be provided from 14 August (Sunday) - 17 August (Thursday) (Check-in on Sunday; Check-out on Wednesday morning).

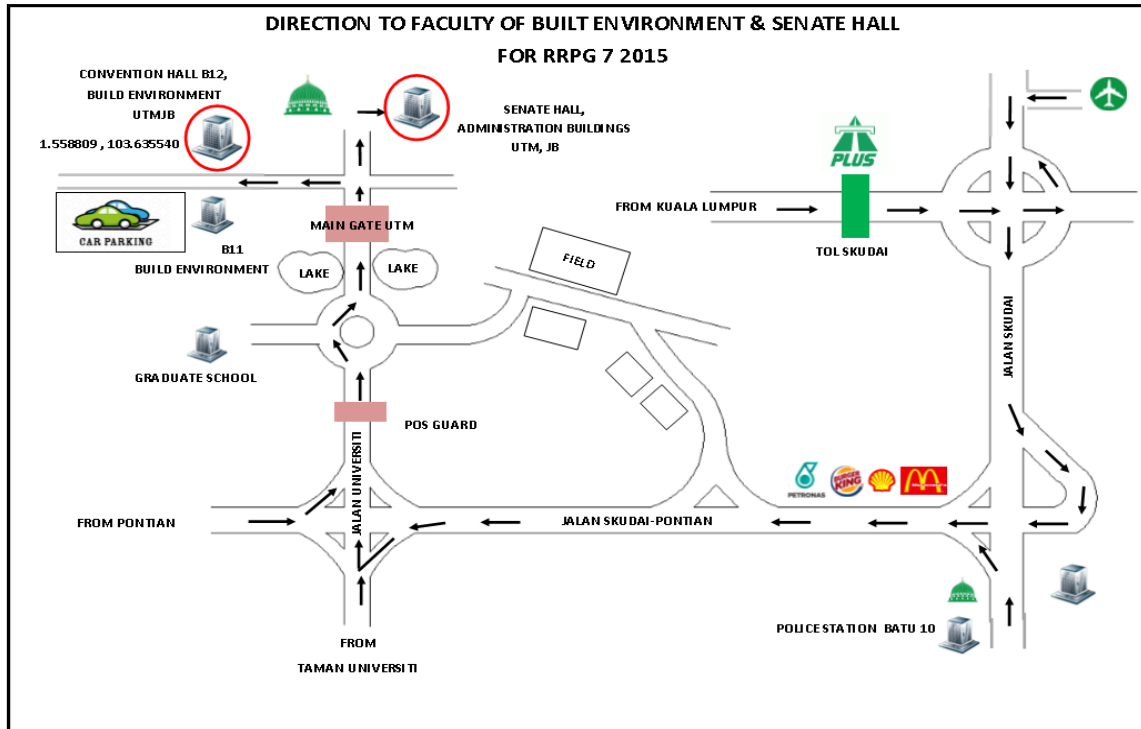
For those who are planning to stay longer than the given period, you will have to make your own arrangements and need to bear the extra charges. The conference organiser is not responsible for accommodation arrangements beyond the days mentioned above.

THURSDAY, 18 AUGUST 2016

Time	Details
08:00	Check out (Participants for Field study only)*

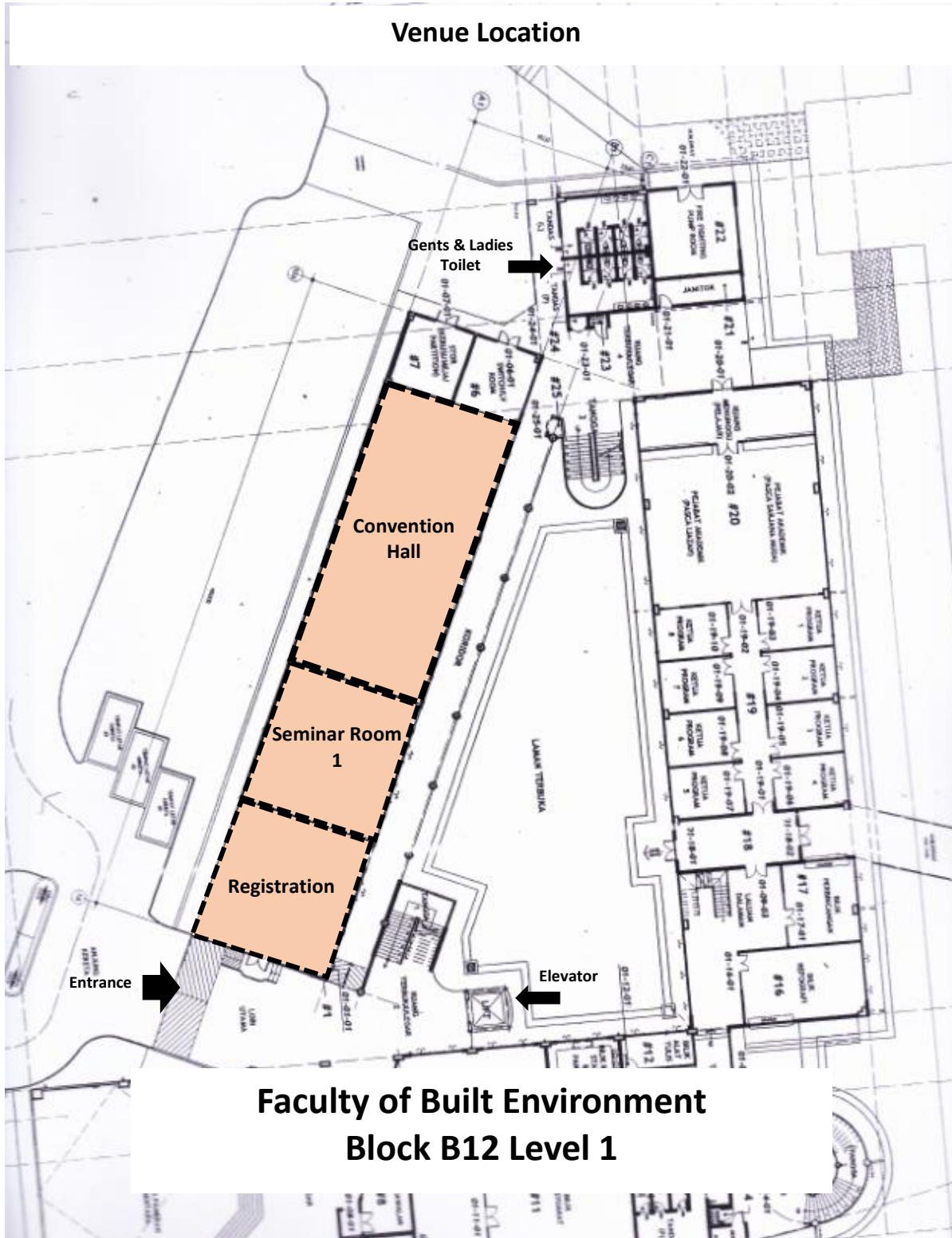
**International participants not participating in Field Study the check-out date is on 17 August 2016*

CONFERENCE VENUE



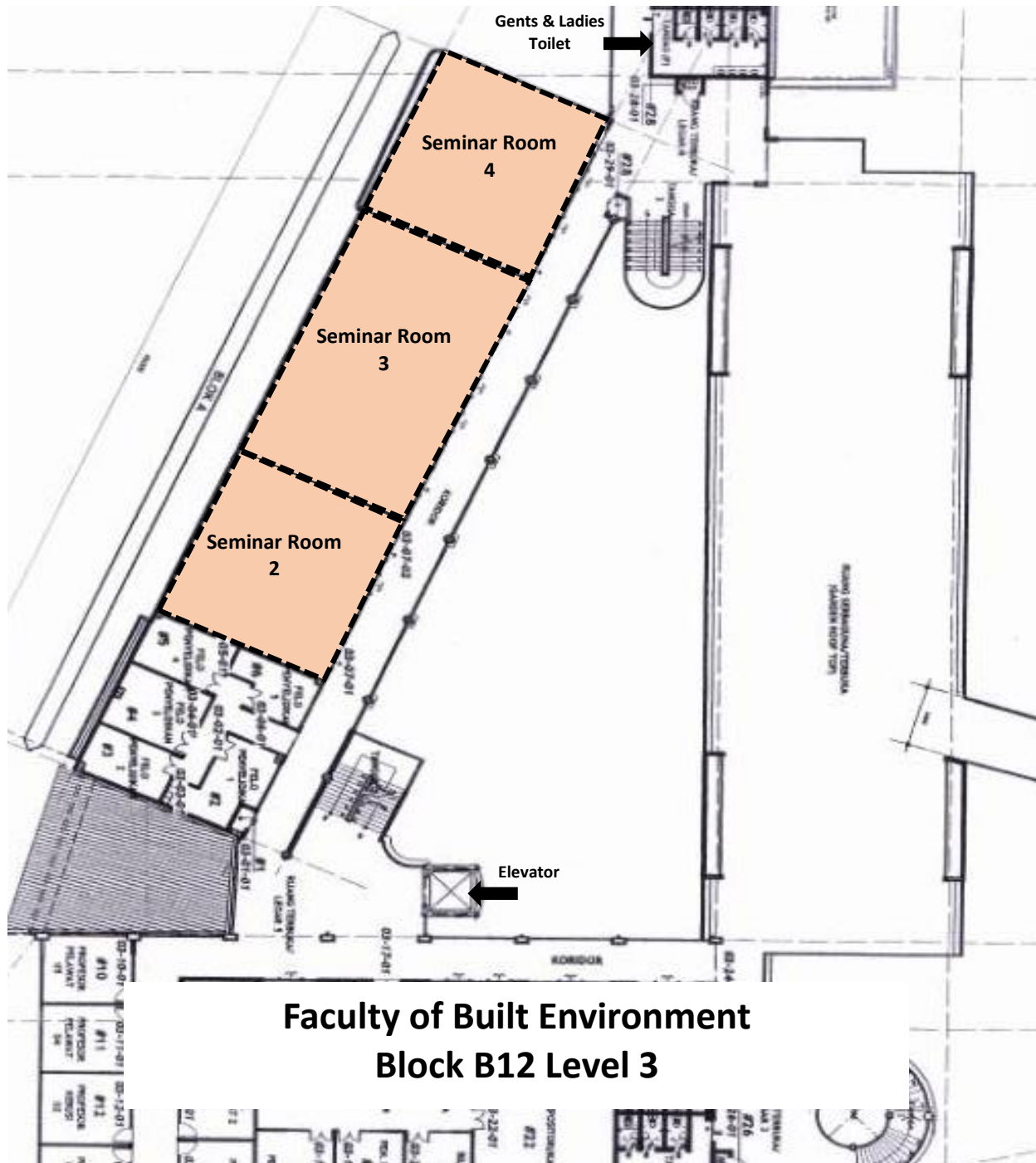
CONFERENCE VENUE

Venue Location



CONFERENCE VENUE

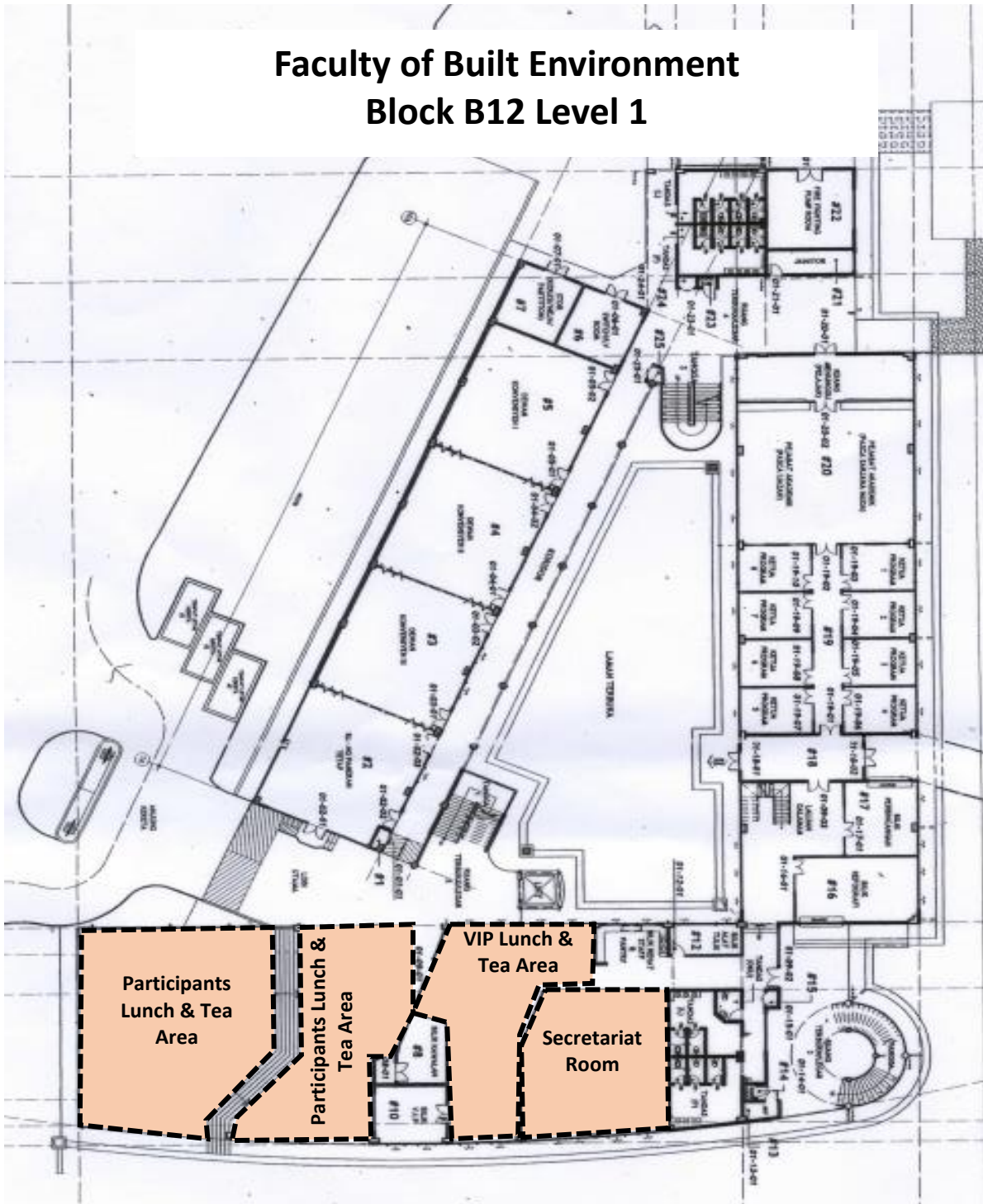
Venue Location



CONFERENCE VENUE

Venue Location

Faculty of Built Environment Block B12 Level 1



KEYNOTE SPEAKERS



Prof. Dr. Jonathan Rigg

Director, National University of Singapore (NUS) Asia Research Institute

Prof Rigg is a development geographer interested in understanding the human effects of social and economic transformations in the Asian region. He has been a Professor in the Department of Geography, National University of Singapore since 2013. Prior to that, he was Head of the Geography Department at Durham University in the UK. He was also based at the School of Oriental & African Studies, London University where he was a Lecturer, British Academy Post-Doctoral Research Fellow, and PhD student. He has commenced a three-year appointment as Director at ARI with effect from 1 January 2016.

Initially, he focused on farming and agriculture, later extending his research to migration, urban living, livelihoods, popular participation, and resilience. Just as his thematic areas of interest have broadened so too has the geographical scope of his work, expanding from Thailand; then to Laos (where he was interested in understanding how rural households negotiated transition and reform); and more latterly to Sri Lanka (migration), Vietnam (migrants in Hanoi) and Nepal (resilience to earthquakes).

Prof. Dr. Suriati Ghazali

School of Humanities, Universiti Sains Malaysia (USM)

Prof. Dr. Suriati Ghazali is Professor at the School of Humanities, Universiti Sains Malaysia, Pulau Pinang, Malaysia. She obtained her B.A. and M.A degree from the University of Malaya, Kuala Lumpur, Malaysia; and PhD from the University of Leeds, England, United Kingdom. She teaches among others, Human Geography; Modern Geographical Thought, Qualitative Methods, and Geography of ASEAN and Asia Pacific Countries. She is deeply interested on research related to socio-economic and cultural change among rural communities and marginalized groups; and enthusiastic in conducting ethnographic research for better understanding of the processes related social and cultural change, identity, and conflict, especially due to modernization, urbanization and globalization.

She has published more than 100 articles in refereed, international and local journals, book chapters, and proceedings; and published four research books which are output of her own research – among others titled *Global Ecotourism and Local Communities in Rural Areas* (published by Universiti Sains Malaysia Publication, 2011). Her publications include a book chapter titled “Sense of place and the politics of insider-ness in villages undergoing transition”, published in an edited book titled *Cleavage, Connection and Conflict in Rural, Urban and Contemporary Asia* (edited by Tim Bunnell et al., published by Springer, 2013, pp 117-142); and “Migrant Labour, Residential Conflict and the City” published in an edited book titled *Asian Cities, Migrant Labour and Contested Spaces* (edited by Wong T.C & J. Rigg, published by Routledge, 2011 pp. 175-200).



KEYNOTE SPEAKERS



Prof. Dr. Suratman

Universitas Gadjah Mada, Yogyakarta, Indonesia

Prof. Dr. Suratman is Professor in Geography. As a member of the Faculty of Geography Universitas Gadjah Mada (UGM), he teaches and supervises undergraduate and graduate students and researchers in the areas of land and natural resources management. He is currently the General Chairman of Indonesian Geographers Association, and a member of International Geographical Union (IGU).

Serving as UGM's Vice Rector for Research and Community Service as well as Chairman of UGM's Institute for Research and Community Services, Suratman has extensive commitment to work on innovative research for the benefits of society.

Dr. Drs. I. Made Sukamerta

Rector, Universitas Mahasaraswati, Denpasar, Indonesia

Dr. Drs. I Made Sukamerta was born on May 5, 1955 at Meliling village, Kerambitan, Tabanan, Bali. He obtained Bachelor of Art degree at Institute of Teachers Training College of Yogyakarta. In 1992, he began his teaching career at English Department, Universitas Mahasaraswati. He was then appointed as the Head of English Department for 10 years and Vice Dean for Student's Affair at Economic Faculty for 3 years. In 1998 he obtained his Master's Degree in Applied Linguistics from Teachers Training College in Malang and later in 2011, he finished his Doctoral Degree in Cultural Studies at Udayana University. Currently, he is the Director of Sekolah Tinggi Ilmu Bahasa Asing (Foreign Language Academy), Universitas Mahasaraswati, Denpasar.



KEYNOTE SPEAKERS



Prof. Dr. Amran bin Hamzah

Director, Centre for Innovative Planning and Development (CiPD), Universiti Teknologi Malaysia

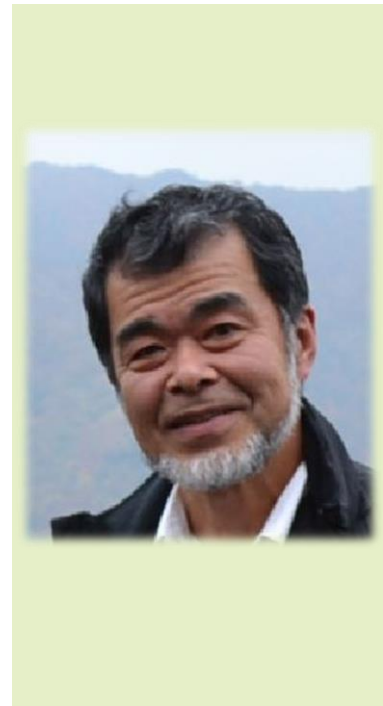
AMRAN HAMZAH is a Professor in Tourism Planning at Universiti Teknologi Malaysia with more than 30 years of experience in tourism planning education, research and consultancy. He also holds the positions of Co-Chair of TILCEPA, IUCN (Theme on Indigenous Peoples, Local Communities and Equity and Protected Areas), Vice President of the Malaysian Ecotourism Association (MEA) and Member of the Islamic Tourism Centre Board of Trustees.

His areas of specialisation are Community Based Tourism (CBT) and Tourism in Protected Areas, having led more than 70 research and consultancy projects for a wide spectrum of international and national clients. Amran has been instrumental in building the local capacity and scaling up of CBT at Miso Walai Homestay in the Kinabatangan, Sabah which is arguably the best performing CBT in Malaysia. Together with a consortium of researchers from six local universities, Amran is currently involved in a five-year research project on Responsible Rural Tourism. Amran led the consultant team commissioned by the Asia Pacific Economic Cooperation Tourism Working Group (APEC TWG) and Ministry of Tourism Malaysia to conduct a one-year research on CBT in 2009, which led to the publication of the Handbook on Community Based Tourism: "How to Develop and Sustain CBT". Amran is currently involved in the preparation of the National Ecotourism Plan 2015-2025 for the Ministry of Tourism and Culture Malaysia.

Prof. Dr. Yamaji Eiji

Department of International Studies, Graduate School of Frontier Sciences, University of Tokyo

Yamaji Eiji is a professor in Department of International Studies, University of Tokyo. He obtained his Bachelor Degree, Master Degree, and Ph.D of Agriculture in University of Tokyo. His research field is agro-environmental science. His expertise includes paddy field consolidation, low-input low-carbon rice production, rural planning, rural amenity and rural development. His research field is the farmland in Japan where he proposed the development of a "laser-controlled bulldozer". His researches includes land consolidation method for California and rice growing in Australia. His work uses modern technology of remote sensing and geographical information system.



KEYNOTE SPEAKERS



Prof. Dr. Sulaiman Sajilan

*Director, Centre for Rural Economic Development (CRED),
Universiti Kuala Lumpur*

Dr. Sulaiman Sajilan lectures and researches in the areas of entrepreneurship/technopreneurship development and innovation management. He has vast experience of more than 20 years on the ground in developing small and medium (SME) industries in food, marine, electronic, aviation, and information technology industries. He has published 30 articles in journals and conference/seminar proceedings. He is also a regular writer in a local entrepreneur magazine and writes many topics relating to entrepreneurship. He travels locally and abroad to present his experience in developing SME entrepreneurs. His current research interests include innovation, business and entrepreneurial development. He was formerly Director, Technopreneur Development and Innovation Division, UniKL. Dr. Sulaiman is currently the Dean and Associate Professor, Universiti Kuala Lumpur Business School. Prior joining UniKL he was a senior researcher at Malaysian Agricultural Research and Development Institute (MARDI) for more than 20 years.

PARALLEL SESSIONS

Conference Theme:

Advancing Inclusive Rural Development and Transformation in a Challenging Environment

Sub-Themes:

- I. Rural Economy
- II. Rural Planning and Development Approach
- III. Rural Technology
- IV. Resilient and Disaster Risk Reduction
- V. Rural Governance

Parallel Session 1A (15 August 2016, Monday) Convention Hall, Block B12 – Level 1, Faculty of Built Environment Theme: Rural Economy	
Time	Papers
14:30	The agglomeration of Creative Class: An alternative strategy in Tourism Village Development <i>Tubagus Furqon Sofhani and Widya Sari Handayani</i>
14:45	A Rural Tourism Project as a Rural Development Instrument: “TATUTA” <i>Doganli B, Ozdemir, I. M.</i>
15:00	Benefit Distribution in Rural Cluster Development Model: A Case of Tourism Sector in Borobudur, Magelang Jawa Tengah, Indonesia <i>Nelli Graceulina Purba</i>
15:15	Local Entrepreneurship of Wood Industry in Temanggung District, Indonesia <i>Holi Bina Wijaya, M. Indra Hadi W. and Hadiyan W.</i>
15:30	Identifying the Critical Success Factor of Community-based Tourism: Ecotourism in Panggang Island Village, Thousand Islands Regency, DKI Jakarta Province, Indonesia <i>Yuni Prihayati, Muhammad Arifin</i>
15:45	Development of “Al Barokah” Organic Agriculture Clusters as Village Tourism <i>Rustina Untari, Yohanes Sugiharto</i>
16:00	Agricultural and Tourism Integration to Support Sustainable Agricultural Development : Case Study on Kintamani Ecotourism, Bangli <i>Anak Agung Putu Agung</i>
16:15	The Development of Manufacturing Industries in Rural New Township. Case Study of Bandar Tenggara in KEJORA Region <i>Mohd Zaki Bahrudin, Hamid Saad</i>
16:30	Entrepreneurial Orientation on Micro and Small Culinary Entrepreneurs Based on Local Wisdom in Ungaran Rural Area, Central Java, Indonesia <i>Agustine Eva Maria Soekesi</i>
16:45	Non-Farming Activities among Orang Asli Households in Royal Belum State Park, Perak <i>Khairul Hisyam Kamarudin, Khamarrul Azahari Razak, Rozaimi Che Hasan, Shamsul Sarip</i>
17:00	Afternoon Tea / End of Day 1

PARALLEL SESSIONS

Parallel Session 1B (15 August 2016, Monday) Seminar Room 1, Block B12 – Level 1, Faculty of Built Environment Theme: Rural Planning & Development Approach	
Time	Papers
14:30	Spatial Planning, Rural Land Tenure and Rural Development Uton Rustan Harun
14:45	Greening School Curriculum through Recontextualizing Agriculture Values and Practices into Education for Sustainable Development Sang Putu Kaler Surata
15:00	Significance of Traditional House as Cultural Inheritance Sources in Rural Development: Karacasu District Case-Assessment Study Aksoy, E.
15:15	Developing Village from Arts and the Citizens' Activities Gracia Adiati
15:30	Social Enterprise in Thai Rural Areas: Challenges and Issues Pongsaya Pumipatyothin
15:45	Empowering Rural Women in Java through the Culinary Business Cassava in the Reform Era Bambang Hidayana
16:00	An Applied Approach to the Notions of Branding through Herbal Products and Herbal Medicine Production in Achieving Rural Development Doganli, B.
16:15	Effectiveness of Participatory Development in Rural Development Through Local Community Organizations. Case Study: Desa Pangkalan Batang Barat, Kabupaten Bengkalis, Riau Province, Indonesia Apriyan Dinata, Yulfi Yendri, Febby Asteriani
16:30	Inclusive Rural Development: principle and practice – some cases in Indonesia Iwan Rudiarto
16:45	Orang Asli Childrens' Readiness to be Part of the Sustainable Education Community Habibah @ Norehan Haron, Hafizah Harun, Kamillah Radin Salim
17:00	Afternoon Tea / End of Day 1

PARALLEL SESSIONS

Parallel Session 1C (15 August 2016, Monday) Seminar Room 2, Block B12 – Level 3, Faculty of Built Environment Theme: Rural Technology	
Time	Papers
14:30	Adoption of Smart-Village Concept on E-Government Implementation Strategy (Case Study: E-Government Masterplan of Temanggung Regency) Falahah, Savitri Galih, Nilla Rachmaningrum, Wildan Usama Martoyo
14:45	Model-based Management Environmental Services Strengthening Communities in Region Watershed (DAS) Besai, Lampung Province, Indonesia Muhammad Irfan Affandi
15:00	Factors Influencing the Acceptance of Solar Energy in South Huvadho Atoll, Maldives Rukshana Fathimath, Nongluck Suphanchaimat
15:15	Evaluation Usage Android Application for Midwife in Rural Area Leonard Goeirmanto
15:30	Design of Application Mobile Traditional Society Finance Community (Koperasi) for Rural Area in Indonesia Nilla Rachmaningrum
15:45	The Using of GIS to Support E-Agriculture to Manage the Balance of Horticulture Production Ai Rosita, Falahah
16:00	Villagers Perception on Internet Use: Study Case in Malang Regency Meriko Dian Candra Iwana, Lutfiani Ainur Ifah, AR. Rohman Taufiq Hidayat
16:15	Metabolic Syndrome (MetS) among Transitional Population: a Comparison between Rural Malay and Aborigine Community Sabaridah Ismail, Osman Ali, Sandheep Sugathan, Myint Myint Soe, Waseem Ahmed, Amal Hayati Zainal Abidin, Noor Aisyah Abdul Mutholib
16:30	The Renewable Energy Potential of Biogas to Support Desa Jambesari, Kabupaten Malang, Indonesia As An Energy Independent Village Nadhia Maharany Siara, Muammal, Ilham Nurhakim
16:45	Design and Simulation of Open Source and Self-Developed Quadcopter Controller Based on Propotional Integral Derivative (PID) Controller Savitri Galih
17:00	Afternoon Tea / End of Day 1

PARALLEL SESSIONS

Parallel Session 1D (15 August 2016, Monday) Seminar Room 3, Block B12 – Level 3, Faculty of Built Environment Theme: Resilient & Disaster Risk Reduction	
Time	Papers
14:30	Resiliency of Children to Overcoming Impacts of Natural Disaster Hafizah Harun, Habibah @ Norehan Haron, Azlina Kamaruddin, Rohaya Talib, Hamimah Abu Naim, Christina Andin, Rozana Junita Abd. Rahman, Marlina Ali
14:45	Developing a Community Resilience Framework: Community of Royal Belum-Temengor Forest Complex, Malaysia Wan Nurul Mardiah Wan Mohd Rani, Khairul Hisyam Kamarudin, Mohd Noorizhar Ismail
15:00	Sustainable Rural Resource Managements after Wenchuan Earthquake Chittaworn Warasiriphong
15:15	Disaster Risk Reduction (DRR) in the Evacuation Routes of Mt. Merapi Volcano Villages, Yoyakarta FX Pranoto Dirhan Putra
15:30	Application of Geospatial Technology in Landslide Disaster Risk Reduction in Rural Regions of the Nilgiris District, Western Ghats, India G.P. Ganapathy
15:45	Food Security After Eruption Of Mount Kelud, Study Case Pandansari Village Loetvy Wahyuningtiyas, Tias Sukma Abita, AR. Rohman Taufiq Hidayat
16:00	Deterministic-Based Landslide Spatial Prediction: Issues and Perspectives Syed Omar, Khamarrul Azahari Razak, Zakaria Mohamad
16:15	Advanced Geospatial Data for Landslide Inventory, Susceptibility, Hazard and Risk Analysis: an improved framework Md Afif Abu Bakar, Khamarrul Azahari Razak, Muhammad Zulkarnain Abd Rahman, Zakaria Mohamad
16:30	An Improved Method for Characterizing Element-At-Risk for Landslides in Scarcely Data Region Mohd Asraff Asmadi, Nurliyana Izzati Ishak, Khamarrul Azahari Razak, Muhammad Zulkarnain Abdul Rahman
16:45	Coupling Geomorphic Field Observation and Remotely Sensed Derivatives Data for Landslide Mapping Habibah Hanan Mat Yusoff, Khamarrul Azahari Razak
17:00	Afternoon Tea / End of Day 1

PARALLEL SESSIONS

Parallel Session 1E (15 August 2016, Monday) Seminar Room 4, Block B12 – Level 3, Faculty of Built Environment Theme: Resilient & Disaster Risk Reduction	
Time	Papers
14:30	Government Involvement towards River Restoration Movement: a case study in Code River, Yogyakarta City, Indonesia Surani Hasanati, Suratman
14:45	Roles of Al Muktafi Billah Shah Township on Increased Living Standard of Rural Community in the KETENGAH Central Mohd Fadzil Abdul Rashid, Ibrahim Ngah, Izzamir Ismail
15:00	Measuring E-government Readiness using Capability Maturity Model: Case Study Temanggung Local Government Wildan Usama Martoyo, Falahah
15:15	Identification of Industrial Development Impact on Rural Infrastructure Development. Case study of Subdistrict Cibatu, District Purwakarta Astri Mutia Ekasari
15:30	Challenges and Opportunities of Energy-Helpself Village Program in Malang Regency Yanuar Eka Prasetya, Meriko Dian Candra Iwana, AR. Rahman Taufiq
15:45	Human Resources in Public Health Services in Remote Areas Nana Noviana, Muhammad Rahmattullah
16:00	Fostering Rural Empowerment and Sustainable Development Solutions: Case Studies of Rural Communities in Nigeria and Senegal Olufemi Oshinowo
16:15	Rural Transformation in Gunung Kidul: From Depressed to A Newly Growing Area, From Neglected to An Instant Tourism Development Area Joesron Alie Syahbana
16:30	Puncak Area: Current Development and Its Socio-environmental Issues Ernan Rustiadi, Andrea Emma Pravitasari, Setyardi Pratika Mulya, Lutfia Nursetya Fuadina and Mashuri Waite
16:45	Implication of Peat Land Protection in Indonesia: A case study in Bengkalis Island, Riau B. Barus, W. Indraningsih, A. Pernama, Waluyo HU, LS Iman, R Yudarwati
17:00	Afternoon Tea / End of Day 1

PARALLEL SESSIONS

Parallel Session 2A (16 August 2016, Tuesday) Convention Hall, Block B12 – Level 1, Faculty of Built Environment Theme: Rural Economy	
Time	Papers
11:00	Access and SMEs on Poverty and Inclusive Regional Economic: A review Yesi H. Supartoyo
11:15	Development of Agro-Technopark Models to Support Community-Based Tourism in the Village Sibetan Karangasem, Bali I Ketut Sumantra
11:30	Transgenerational Entrepreneurship in Rural Tourism Perspective Mohd Alif Mohd Puzi, Hairul Nizam Ismail
11:45	A Community Based Approach to Rural Tourism. Case study of Padusan Village, Pacet District, Mojokerto Regency Rizky Amanda Vidianti, Yanuar Eka Prasetya, Fauzul Rizal Sutikno
12:00	The Strategies of Local Wisdom Based Ecotourism Development for Sustainable Rural Development. Case Study of Kepulauan Seribu, Jakarta Darmawan Listya Cahya, Ken Martina Kasikoen
12:15	Rural Service Center Influence in Facilities Infrastructure at Malaysia Special Tourism Zone Mohamad Azal Fikry Ali, Hamid Saad
12:30	Kampung Inggris Pare As a Rural Economy and Based Tourism Putri Auliza Wulandari
12:45	“Batik Village” Preservation for Making Tourism Charm Gracia Adiati
13:00	Lunch / Break

PARALLEL SESSIONS

Parallel Session 2B (16 August 2016, Tuesday) Seminar Room 1, Block B12 – Level 1, Faculty of Built Environment Theme: Rural Planning & Development Approach	
Time	Papers
11:00	Formulating Farmer and Fisherman Household Economic Model: The Case of Bekasi Regency <i>Ina Helena Agustina</i>
11:15	Rural Age-Friendly Community and Strategies for Rural Development: Lesson Learned from Hua-Ngum, Chiang Rai, Thailand Rungrnapa Thepparp, Hideharu Uemura
11:30	Using Geopark Status as a Destination Brand: The Experience from Langkawi Island, Malaysia Mohd Fadil Mohd Yusof, Hairul Nizam Ismail
11:45	People-Centered Development Approach On Muaragembong Coastal Zone Management, Bekasi District Lely Syiddatul Akliyah
12:00	Great Merit Farming: Creativity and Development of Organic Farmers Group. A case study of Na Boon Na Khum Group Karuna Jaisai
12:15	Status of Environment Carrying Capacity in Songgoriti Batu Tourism Moch Faisal Rafif Herlambang, Tiara Octariana, AR Rahman Taufiq Hidayat
12:30	Rural Livelihoods Characteristics and Its Impact to Farmers' Welfare. Case Study of Bandung Regency Angelissa, Livia
12:45	Sustainable Rural Resource Management: The Role of Local Knowledge in Paddy Cultivation Daniel Ugih Echoh, Norizan Md Nor, Tarmiji Masron, Salfarina Abdul Gapor
13:00	Lunch / Break

PARALLEL SESSIONS

Parallel Session 2C (16 August 2016, Tuesday) Seminar Room 2, Block B12 – Level 3, Faculty of Built Environment Theme: Rural Technology	
Time	Papers
11:00	Rural Sustainable Development: Mobilizing from Appropriate Technologies to Grassroots Innovations System Yanu Endar Prasetyo
11:15	Design of System to Support Collaborative Marketing. Case Study Collaborative Marketing on SMEs Products Yadi Ruslan, Ai Rosita
11:30	Energy Consumption and Carbon Emission in Felda Taib Andak Community, Kulajaya, Johor Mohd Safuan Ibrahim, Ibrahim Ngah, Ho Chin Siong
11:45	Role of Indonesian Institute of Sciences in Empowering Small-Medium Enterprises to Use Appropriate Technology in Villages of Subang Regency Anugerah Yuka Asmara, Yanu Endar Prasetyo
12:00	The Changes of Some Soil Chemical Properties and Production of Sweet Potato Treated with Fishpond Sediment and Fishpond Water in Petir Village, Darmaga, Bogor Indonesia Arief Hartono, Kenji Yokota, Tadashi Baba, Bambang Subroto
12:15	Technology Transfer of Seaweed Tissue Culture and its Relevance to Rural Development of Coastal Communities in Lampung, Indonesia Purnama Alamsyah, Karlina Sari, Anugerah Yuka Asmara, Sri Mulatsih, Kusnandar
12:30	Assessment of changes in urban green spaces of Johor Bahru city using satellite data Muhamad Firdaus Bin Johan, Ahmad Nazri Muhamad Ludin
12:45	Renewable Energy Based on Cattle Farmer's Ability to Pay Study Case in Pujon Kidul, Kabupaten Malang Tiara Octariana, Moch. Faisal Rafif Herlambang, AR. Rohman Taufiq Hidayat
13:00	Lunch / Break

PARALLEL SESSIONS

Parallel Session 2D (16 August 2016, Tuesday) Seminar Room 3, Block B12 – Level 3, Faculty of Built Environment Theme: Resilient & Disaster Risk Reduction	
Time	Papers
11:00	Constructing Rural Resilience: Lessons from Central Java-Indonesia Wiwandari Handayani, Iwan Rudiarto, Dony Pamungkas
11:15	Sustainability and Resilience of Rural Economic Transformation in Facing the Future Challenges Mohd Zaki Bahrudin, Hamid Saad
11:30	Socio-Economic Impacts of Natural Disasters in the Rural Region of Kundasang, Sabah: A community livelihood analysis Khairul Hisyam Kamarudin, Khamarrul Azahari Razak, Ubong Imang, Rozaimi Che Hasan
11:45	Disaster-derived Business Continuity Plan in Sabah: Methods, Applicability and Limitations Nur Fadzlina Aini M.Lehan, Khamarrul Azahari Razak, Khairul Hisyam Kamarudin, Zakaria Mohamad
12:00	Multi-Geospatial Sensor for Multi-Geohazard in Sabah: An Overview Muhammad Fikri Mohd Noor, Khamarrul Azahari Razak, Zakaria Mohamad
12:15	LIDAR-Derived Vegetation Anomalies Induced by Geological Hazards for Activity Analysis Nurliyana Izzati Ishak, Khamarrul Azahari Razak, Muhammad Zulkarnain Abdul Rahman
12:30	Modern Remotely Sensed Landslide Investigation in a Complex Environment Rashidah Hanin Rafi, Khamarrul Azahari Razak
12:45	Landslide Mitigation Models in Banjarbegara: GIS Planning Approach Ade Pugara, Brian Pradana, N Sandy Aji
13:00	Lunch / Break

PARALLEL SESSIONS

Parallel Session 2E (16 August 2016, Tuesday) Seminar Room 3, Block B12 – Level 3, Faculty of Built Environment Theme: Rural Governance	
Time	Papers
11:00	Sustainable Community-Based Tourism: Assessing The Relationship Between Leadership, Government Support, Commitment and Community Participation Aziz Amin, Yendo Afgani, Hawa Husna, Ahmad Puad Mat Som, Mohd Shaladdin Muda
11:15	Solutions Process of Customary Land Ownership Dispute: A Case Study of Pango Village, Efate Island, Vanuatu Daniel Tabi, Somsak Srisontisuk
11:30	Fiscal Decentralization, Government Quality and Inequality in Peninsular Malaysia Khalid Zanudin, Ibrahim Ngah
11:45	Factors on The Growth And Development Of Bandar Gelang Patah Small Town: An Overview Mohamad Hussaini Harun, Hamid Saad & Gobi Krishna Sinniah
12:00	Rural Water Supply and Sanitation in Nigeria: A case of local empowerment and environmental management project (LEEMP) in Adamawa State Aminu Liman, Ibrahim Ngah
12:15	Factors Analysis of Household Poverty in Rural Area of West Kalimantan, Indonesia Susilo Nur Aji Cokro Darsono, Mongkon Donkwa
12:30	The Dynamics of Rural-Urban Transformation: Towards an Accountable Village Governance: Case Study of Tunjungtirto Village, East Java, Indonesia Yunie Nurhayati Rahmat, Cecilia Luttrell
12:45	The Challenge of Rural-Urban Development in the Shape of Sustainable Land Transportation in Indonesia Judiantono, Tonny
13:00	Lunch / Break

PARALLEL SESSIONS

Parallel Session 3A (16 August 2016, Tuesday) Convention Hall, Block B12 – Level 1, Faculty of Built Environment Theme: Rural Economy	
Time	Papers
14:00	The Potential of Social Marketing on a Community-based Agricultural Corporation in Indonesia based the Viewpoint of Forthcoming Globalization Ryohei Yamashita
14:15	The Chance of Tourism Potential Development through the Local Economic Development Concept in Kabupaten Grobogan Freda Setiawan, Reynald Prasetya
14:30	Tourism Impact and Quality of Life (QOL) of the Host Community: a case study of Gili Trawangan, Indonesia Hadi Abdurrahman, Chintya Nindyarini
14:45	Changes of Financial Capital Sumberagung Villagers Due To The Tourism Of Development Red Islands In Banyuwangi Tias Sukma Abita, Loetvy Wahyunintyas, AR. Rohman Taufiq Hidayat
15:00	Tourism Carrying Capacity Subak System through Tri Hita Karana as Local Wisdom in Bali to be Sustainability Rendiana Satya Pangestika
15:15	Review of Kalisuci as Community Based Tourism in Gunungkidul, Yogyakarta Adityo Nugroho, Fransisca Trenggono, Theresiana Rini Setyowati
15:30	Community Based Tourism Development: A case of community readiness in Kandri Village, Indonesia Anindya Kusuma Putri
15:45	Entrepreneurship Orientation of Jamu Gendong's Entrepreneur in the Village of Nguter Sokoharjo District, Central Java, Indonesia Bernadeta Irmawati and Berta Berti Retnawati
16:00	Empowerment Potential Kasang Lopak Alai Village Agatha Padma Laksitaningtyas
16:15	Short discussion
16:30	Closing Speech

PARALLEL SESSIONS

Parallel Session 3B (16 August 2016, Tuesday) Seminar Room 1, Block B12 – Level 1, Faculty of Built Environment Theme: Rural Planning & Development Approach	
Time	Papers
14:00	Redefining Rural Tourism in Indonesia: A Conceptual Perspective Alhilal Furqan
14:15	Local Wisdom for Sustainable Coastal Resources Management in Indonesia: Case study of Nusa Penida, Bali Hadi Abdurrahman, Chintya Nindyarini
14:30	Identifying the Typology of Rural Areas in Jambi Province Andrea Emma Pravitasari, Eman Rustiadi, Setyardi Pratika Mulya, Jane Singer
14:45	Carrying Capacity Analysis of Mpunda District, Bima For City Facilitation Rasyid Ridha , Nyoman Utari Vipriyanti, Alit Wiswasta
15:00	Social quality in the conservation of the marginalized living heritage of George Town, Malaysia Indera Syahrul Mat Radzuan, Yahaya Ahmad
15:15	Environmental Awareness Implementation of SME Entrepreneurs. Case study of Tofu Entrepreneurs in Kenteng, Bandungan Central Java, Indonesia Eny Trimeiningrum, Meniek Srining Prapti
15:30	A Generational Cohort Comparison of the Travel Preferences in Penang Island Kai Xin Tay, Badaruddin Mohamed, Shida Irwana Omar
15:45	Transformation of the Traditional Dwelling Layout due to the Development of Tourist Activity in the Tourist Village in Yogyakarta Vincentia Reni Vitasurya
16:00	Understanding agricultural village towards rice self-sufficient, case study Argosuko Village, Malang Regency, Indonesia AR. Rohman Taufiq Hidayat
16:15	Short discussion
16:30	Closing Speech

PARALLEL SESSIONS

Parallel Session 3C (16 August 2016, Tuesday) Seminar Room 2, Block B12 – Level 3, Faculty of Built Environment Theme: Rural Technology	
Time	Papers
14:00	Introducing Vertical Housing to the Rural Behavior in Yogyakarta Gerarda Orbita Ida Cahyandari
14:15	The Role of Quadruple Helix Model in Promoting Innovation Process of Rural Small and Micro Enterprises, Case Study: Pengalengan Village, Bandung- Regency, West – Java Amelia Sakinah, Tubagus Furqon Sofhani
14:30	The Probability of Using Biogas Based on WTP and the Average Neighbors Radius. (Case Study: Wringinaom Village, Malang, East Java, Indonesia) Armei Rapudin, Christia Meidiana
14:45	A Framework for the Development of an Integrated Agriculture System: A case study of Regional Kendal Aida Ulfa Faza
15:00	Characteristics of Agriculture Rice Field in Rural Area at Java North of Coastal Area Using Remotely Sensed Data La Ode S. Iman, Baba Barus, Diar Shiddiq, Bambang.H. Trisasongko, Selamet.K, Manijo
15:15	Hub of Weleri Raya as a Natural Resource Development through Rural-Urban Linkage in Kabupaten Kendal Maulidahati, Diandra Rachmah
15:30	The System and Impact of Microfinance Managed by Women Local Organization: A case of PKK RT IV, Wonosari Village, Kebumen Region Novi Yanti
15:45	Fisheries and Tourism Synergy Potential in Pagandaran Village Hafidz Wibisono, Aried Rosyidie
16:00	Community Empowerment through Development of Broiler Chicken and Mushroom Cultivation in Jabungan as the Supplier base for Tembalang Region Suek, Jonathan
16:15	Short discussion
16:30	Closing Speech

PARALLEL SESSIONS

Parallel Session 3D (16 August 2016, Tuesday) Seminar Room 3, Block B12 – Level 3, Faculty of Built Environment Theme: Rural Governance	
Time	Papers
14:00	Management of Rural Development Ernady Syaodih
14:15	Toward to Spiritualization of Planning Imam Indratno
14:30	Rural Development in Border: Integrated Rural Area in Sabang-Langkawi-Phuket through Implementation of Sub-Regional Cooperation of ASEAN Agung Satriyo Nugroho
14:45	A Way Forward for Agropolitan Development Approach in Eradicating Poverty in Rural Areas in Malaysia Yusof Ahmad, Hamid Saad
15:00	Political Preference and Rural Development. Case study of Mranak Village, Demak Regency Joesron Alie Syahbana , Ade Pugara
15:15	Predicting Outcomes from State Mandated Village Participatory Planning in Indonesia Arief Rahman, Mashuri Waite
15:30	The Effects of Government Policies on Entrepreneurship and Performance of Small Scale Batik Industries in Pamekasan, East Java, Indonesia Herrukmi Septa Rinawati
15:45	Reproductive Health of Women's Miners Diamond in the Sub-District Cempaka Nana Noviana, Muhammad Rahmattullah
16:00	Design of System to Support Monitoring the Performance of Local Government through KPI Ai Rosita, Falahah, Helmy Faisal Muttaqin, Wildan Usama Martoyo
16:15	Short discussion
16:30	Closing Speech

PARALLEL SESSIONS

Parallel Session 3E (16 August 2016, Tuesday) Seminar Room 3, Block B12 – Level 3, Faculty of Built Environment Theme: Rural Governance	
Time	Papers
14:00	Cooperation Between Regions Model for Conserving Water Resources At Pakerisan Watershed, Bali Prahayu, Anak Agung Putu Agung, Sudja
14.15	Development Planning of Aboriginal Peoples Resettlement Program: Parliamentary Constituency of Cameron Highlands Asan Ali Golam Hassan, Devamany S. Krishnasamy
14:30	Evaluation of Mosques Sustainability Level Based on Green Technology Principle: A review on resources saving at UMT and UNISZA Mosques, Terengganu Fatimah binti Ab Wahab, Yendo Afgani@Eusoff, Muhammad Denny
14:45	The Transformation of Nagari (Village) Kurai 5 Jorong into Bukittinggi City, Indonesia Ira Safitri D., Haryo Winarso, Denny Zulkaidi
15:00	One Village One Product (OVOP) Plan for B40 Households in Rural Malaysia Khairul Hisyam Kamarudin, Hamid Saad, Siti Aisyah Abd Wahid
15:15	Development Strategy of Featured Product Based on SWOT Analysis and QSP Matrix in Pratistha Harsa Culinary Market Purwokerto-Indonesian Rochmat Aldy Purnomo
15:30	Discussion session
15:45	
16:00	
16:15	
16:30	Closing Speech

FIELD STUDY

KAMPUNG PARIT TENGAH & ZENXIN ORGANIC PARK



KAMPUNG PARIT TENGAH Rengit, Batu Pahat

Before the opening of Kampung Parit Tengah, Kampung Seri Merlong and Kampung Seri Belahan was opened first. Between the two villages, an area of forest, elongated and parallel to both villages. In 1884 came the servant of God as a Javanese from Indonesia named Hj. Abd. Samad Bin Abdullah and some of his friends from Sungai Kluang has pioneered cutting down forests and then built a ditch between the two villages, which will serve as a village again. Because the area being explored is located in the middle between the two villages, the area was named Parit Tengah, remains until now.



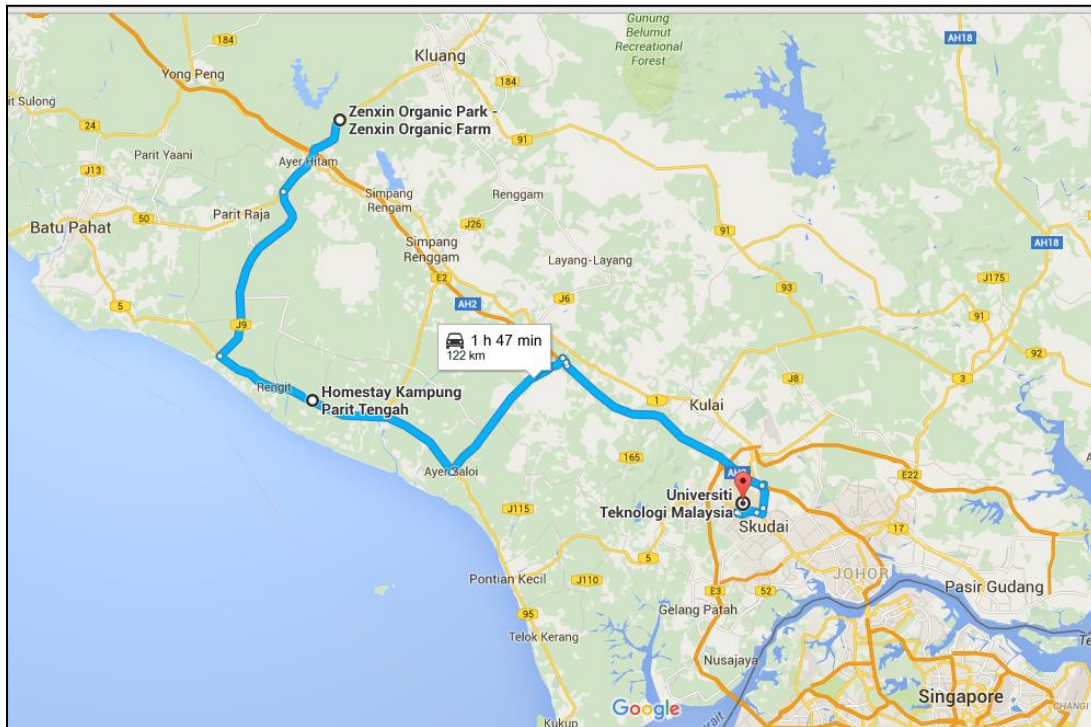
ZENXIN ORGANIC PARK Air Hitam, Batu Pahat

Zenxin Organic Park is the first open-to public organic farm in Malaysia, combining the educational and recreational purposes. Our visitors can choose to explore our farm on their own, on foot or by bicycle. This scenic 100-acre park mainly comprises of a greenhouse area (vegetable farm) and dragon fruit farm, other crops are tropical fruits, such as passion fruit, papaya, pineapple... and more than 100 types of herbs. It is special because all the plants here are organically grown, so that visitors can witness our hardworking farmers growing organic crops, without the use of chemical fertilizers and pesticides.



FIELD STUDY

Direction from UTM to Homestay Kampung Parit Tengah and Zenxin Organic Park



FIELD STUDY PROGRAM ITINERARY

7:30	Gather at Scholar's Inn
8:00-9:30	Depart to Kampung Parit Tengah
9:30-10:30	Briefing on development of Kampung Parit Tengah at community hall
10:30-13:00	Tour village <ul style="list-style-type: none"> · Cowshed and goats · Homestay · Pineapple fields
13:00-13:30	· Lunch
13:30-14:30	Depart to Zenxin Organic Park, Air Hitam
14:30-16:30	Tour in Zenxin Organic Park
16:30-17:00	Refreshment / tea
17:00	Depart to UTM Scholar's Inn

ORGANISING COMMITTEE

CONFERENCE ADVISOR	Prof. Dr. Amran Hamzah, Director CIPD
ORGANIZING CHAIR	Prof. Dr. Ibrahim Ngah
ORGANIZING CO-CHAIR	Prof. Dr. Abdul Razak Ahmad
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