

**Thursday June 2**

**Registration Opens 15:00-17:00**

**Thursday Evening: 18:00-19:30**  
**Welcome Drinks Reception: 1F Neuf-Neuf**

Come and join fellow delegates for a drink or two at the conference welcome reception at the first floor Neuf-Neuf café/restaurant.

No need to book, just show up!

This Event is included in your conference registration

**Friday June 3**

**Registration Open 8:00-8:45 & 12:00-18:00**

**Plenary Session**

**Friday 9:00-12:00**

**Welcome Remarks**

Professor Steve Cornwell, Osaka Jogakuin University, IAFOR Conference Committee  
Dr Joseph Haldane, Executive Director, IAFOR  
Professor Stuart D.B. Picken, Chairman, IAFOR International IAB

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9:30-10:30  
Featured Speaker 1  
Professor Keith Miller

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10:30-11:00  
Coffee Break

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11:00-12:00  
Featured Speaker 2  
Lowell Sheppard

**Friday Session 1: 13:00-14:30**

**Room: Sakura A**

**ACSS Session: Economics and Management (Commerce)**

**Session Chair: Niel Kenneth Jamandre**

0210

*Service Science, Future Concerns*

Farhad Shafti, University of Strathclyde, UK

Maria Felice, University of Bristol, UK

Robert Van Der Meer, University of Strathclyde, UK

Umit Bititci, University of Strathclyde, UK

0167

*Transformation from Responsive Market Orientation to Proactive Market Orientation; A Case Study of Japanese Apparel Textile Manufacturers*

Junji Inoguchi, Hiroshima City University, Japan

0029

*A Comparative Study of Job Retention among Filipino Customer Service Representatives Working in Manila and the Provinces*

Niel Kenneth Jamandre, University of the Philippines Diliman, The Philippines

**Friday Session 1: 13:00-14:30**

**Room: Sakura B**

**ACSS Session: Interdisciplinary Social Sciences**

**Session Chair: Normi Abdul Malek**

0224

*Relationship between Transparency and Perceived Ethical Dilemma*

Yun-Yu Chen, Yuan - Ze University, Taiwan

Wen-Yeh Huang, Yuan - Ze University, Taiwan

0205

*Abdullah Ahmad Badawi and the Emergence of Neo-conservatism*

Ahmad Fauzi Abdul Hamid, National University of Malaysia, Malaysia

Muhamad Takiyuddin Ismail, Science University of Malaysia, Malaysia

0093

*Sustaining Family Institution: An Islamic Perspective*

Normi Abdul Malek, Internatinal Islamic University Malaysia, Malaysia

**Friday Session 1: 13:00-14:30**

**Room: Kashi**

**ACSEE Session: Environmental Sustainability & Human Consumption: Food and Water, Hunger and Thirst**

**Session Chair: Kruamas Smakgahn**

0190

*Explaining the Adoption of Sustainable Agricultural Practices: An Improved Integrative Agent-Based Framework*

Yeong Sheng Tey, The University of Adelaide, Australia

Elton Li, The University of Adelaide, Australia

Johan Bruwer, The University of Adelaide, Australia

Amin Mahir Abdullah, The University of Adelaide, Australia

Jay Cummins, The University of Adelaide, Australia

Alias Radam, The University of Adelaide, Australia

Mohd Mansor Ismail, The University of Adelaide, Australia

Suryani Darham, The University of Adelaide, Australia

0228

*Links between Food and Energy Scarcity in Japan: Lessons for East and Southeast Asian Nations*

Alexandros Gasparatos - United Nations University Institute of Advanced Studies/University of Tokyo, Japan

0113

*Yield Stability of Rice Under High Temperatures*

Jitlada Chok - amnuay, Kasetsart University Kamphaeng Sean Campus, Thailand

Phaweesuda Ramnud, Kasetsart University Kamphaeng Sean Campus, Thailand

Vilai Saothongnoi, Kasetsart University Kamphaeng Sean Campus, Thailand

Suphachi Amkha, Kasetsart University Kamphaeng Sean Campus, Thailand

Kruamas Smakgahn, Kasetsart University Kamphaeng Sean Campus, Thailand

**Friday Session 1: 13:00-14:30**

**Room: Kusu**

**ACSEE: Environmental Sustainability & Environmental Management: Freshwater, Oceans and Seas**

**Session Chair: Alhusein Assiry**

0009

*Isolation and Identification of Polycyclic Aromatic Hydrocarbons (PAHs) - Tolerant Microalgae from Oil Refinery's Wastewater in Malaysia*

Mohd Nizam Yusof, Universiti Teknologi MARA, Malaysia

Siew-Moi Phang, Institute of Biological Sciences, Universiti Malaya, Malaysia

0122

*Accuracy Discharge Measurement for Irrigation Water Distribution and Conservation*

Hsun-Chuan Chan, National Pingtung University of Science and Technology, Taiwan

Wei-Che Huang, National Pingtung University of Science and Technology, Taiwan

Yu-Min Wang, National Pingtung University of Science and Technology, Taiwan

Jan-Mou Leu, National Pingtung University of Science and Technology, Taiwan

Ping-Jen Mo, National Pingtung University of Science and Technology, Taiwan

0006

*Application of Ohmic Heating Technique for the Purpose of Approaching Zero Liquid Discharge in Desalination Plants*

Alhusein Assiry, King Saud University, Saudi Arabia

**Friday Extended Session 2: 14:45-16:45**

**Room: Sakura A**

**ACSS Session: Economics and Management**

**Session Chair: Kooi Guan Cheah**

0076

*Challenges of Leading in the Future*

Meimi Lahti, Satakunta University of Applied Sciences, Finland

0164

*On the Policy - Reality Gap in Indonesian Urban Economic Policy Regionalization (Case: Sumatera and Java-Bali Islands)*

Eko Kusmurtanto, Stekpi, School of Business and Management, Indonesia

Wicaksono Sarosa, School of Business and Management, Indonesia

0175

*Political Economy of Inflation in Global and National Economies: With Special Reference to India*

Pushpa Trivedi, Indian Institute of Technology Bombay, India

0179

*Responding to Global Economic Crisis: Malaysia's New Economic Model & Sustainability*

Kooi Guan Cheah, Universiti Tun Abdul Razak, Malaysia

**Friday Extended Session 2: 14:45-16:45**

**Room: Sakura B**

**ACSS Session: Politics, Public Policy, Law and Society – Oral Presentation**

**Session Chair: Anjula Gurtoo**

0146

*Child Witness in Child Abuse Case: The need for 'Child Friendly' Court Mechanism*

Afridah Abas, International Islamic University Malaysia, Malaysia

0092

*Breastfeeding (Rada'ah) in Islamic Law and its Promotion Towards Sustaining Mother's and Children's Health*

Azizah Mohd, International Islamic University Malaysia, Malaysia

0133

*Public Expenditure on Education and Growth in Assam*

Sakiya Khan, Gauhati University, Assam, India

0136

*Citizen Participation in Urban Governance: The Marginalized Population in India*

Anjula Gurtoo, Indian Institute of Science, India

**Friday Session 2: 14:45-16:15**

**Room: Kashi**

**ACSEE Session: Environmental Sustainability & Environmental Management: Atmosphere and Air/ Freshwater, Oceans and Seas**

**Session Chair: Eliseo Huesca, Jr**

0049

*Evaluation of Air Pollution Baseline from Bituminous Power Plant in Thailand*

Wasin Pinprateep, Chulalongkorn University, Thailand

Chanathip Pharino, Chulalongkorn University, Thailand

0220

*Decentralization and Environmental Governance: Insights from the Experiences of Selected Lakeshore Communities in the Philippines*

Eliseo Huesca, Jr, International Christian University, Japan

**Friday Extended Session 2: 14:45-16:45**

**Room: Kusu**

**ACSEE Session: Environmental Sustainability & Environmental Management/ Environmental Sustainability & Human Consumption**

**Session Chair: Yu-Min Wang**

0135

*Using Geographical Information System to Evaluate Evapotranspiration Models Accuracies in Belize*  
Lennox Alexander Gladden, National Pingtung University of Science and Technology, Taiwan  
Yu-Min Wang, National Pingtung University of Science and Technology, Taiwan

0217

*A Study on Potential Use of Pulverized Oyster Shell as A Cementing Material in Civil Engineering*  
Hung-Yu Wang, National Pingtung University of Science and Technology, Taiwan  
Chou-Fu Liang, National Pingtung University of Science and Technology, Taiwan  
Wen-Guey Chung, National Pingtung University of Science and Technology, Taiwan  
Guey-Ying Huang, National Pingtung University of Science and Technology, Taiwan

0216

*A Research on Precipitation and Soil Erodibility Facotr in Western Mountainous Area of Taiwan*  
Chin-Ping Lin, National Pingtung University of Science and Technology, Taiwan  
Jih-Jang Huang, National Pingtung University of Science and Technology, Taiwan

0134

*Applying Warping for Improving Land Subsidence and On Farm Water Supply - A Case Study for Choshui Area, Taiwan*  
Chien-Ming Song, National Pingtung University of Science and Technology, Taiwan  
Chun-E. Kan, National Pingtung University of Science and Technology, Taiwan  
Jin-Hwa Chen, National Pingtung University of Science and Technology, Taiwan

**FRIDAY EVENING**

**CONFERENCE DINNER: A NIGHT OUT IN OSAKA**

**Ticketed Conference Dinner Event**

**Saturday poster**

**Saturday Session 1: 9:00-10:30**

**Room: Sakura A**

**ACSS Session: Economics and Management (Commerce)**

**Session Chair: Shu-Hui Hsieh**

0036

*A Case Study of the Service Innovation Management by 7 S Strategy Model on Call Centre Operations*

Chun Hung Peng, Tamkang University, Taiwan

Cheng Fang Hsu, Shu Te University, Taiwan

0084

*The Coexistence Between Online Commerce and Logistics: An Application of the Vector Autoregression (VAR) Model*

Chih-Cheng Chen, Yuan Ze University, Taiwan

Po-Wei Huang, Yuan Ze University, Taiwan

0229

*The Evolution of the U.S. Portable MP3 Player Industry*

Shu-Hui Hsieh, Yuan Ze University, Taiwan

Yi-Nung Peng, Yuan Ze University, Taiwan

**Saturday Session 1: 9:00-10:30**

**Room: Sakura B**

**ACSS Session: Interdisciplinary Social Sciences**

**Session Chair: MinChul Hwang**

0234

*Sustainable Immigrant Integration Unmarried: Focusing on the Occupational Assimilation of Immigrant Wives in the Korean Labour Market*

Kyung-Eun Yang, Seoul National University, Republic of Korea

0037

*Gender Disparity in Sindh: A Sociological Analysis*

Aijaz Wassan, University of Sindh, Pakistan

0245

*Rethinking Immigrant Wives' Integration in South Korea*

MinChul Hwang, Sogang University, Republic of Korea

**Saturday Session 1: 9:00-10:30**

**Room: Kashi**

**ACSEE Session: Energy: Renewable Energy and Environmental Solutions**

**Session Chair Kanokwan Ngaosuwan**

0139

*Low Carbon Transportation in Harsh Climatic Environment: A Case Study of the Masdar City in the United Arab Emirates*

I-Tsung Tsai, Masdar Institute of Science and Technology, United Arab Emirates

Gihan Dawelbait, Masdar Institute of Science and Technology, United Arab Emirates

Toufic Mezher, Masdar Institute of Science and Technology, United Arab Emirates

0121

*Single-wall Carbon Nanohorns Supported Sulfonated Catalyst for Biodiesel Production*

Chantamanee Poonjarernsilp, Rajamangala University of Technology Krungthep, Thailand

Kanokwan Ngaosuwan, Rajamangala University of Technology Krungthep, Thailand

0120

*Luric Oils Synthesis in a Semi - Batch Configuration using Tungstated Zirconia as a Solid Acid Catalyst*

Kanokwan Ngaosuwan, Rajamangala University of Technology Krungthep, Thailand

**Saturday Session 1: 9:00-10:30**

**Room: Kusu**

**ACSEE Session: Energy: Energy Economics and Ecological Economics**

**Session Chair: K. Ali Akkemik**

0207

*Income, Energy Consumption and Carbon Dioxide (CO<sub>2</sub>) Emissions in India: Modeling of Causal Relationships*

Mohammad Jahangir Alam, Ghent University, Belgium

Ismat Ara Begum, Ghent University, Belgium

Jeroen Buysse, Ghent University, Belgium

Sanzidur Rahman, Ghent University, Belgium

Guido Van Huylenbroeck, Ghent University, Belgium

0212

*Energy Consumption - Income Nexus in China: Heterogeneous Panel Causality Analysis*

K. Ali Akkemik, Baskent University, Turkey

Koray Göksal, University of Niigata Prefecture, Japan

Jia Li, Baskent University, Turkey

**Saturday Session 1: 9:00-10:30**

**Room: Matsu**

**ACSS Session: Economics and Management**

**Session Chair: Hsin-Hui Hu**

0018

*The Effect of Betel Quid Chewing and Its Combined Use with Cigarettes on Mortality: Evidence from the Elderly in Taiwan*

Shao-Hsun Keng, National University of Kaohsiung, Taiwan

Shang-Jung Shu, National University of Kaohsiung, Taiwan

0212

*Cross - Country Influence of the Expected/Unexpected Market Volatility to the Equity Risk-Return Relation*

Ming-Jang Weng, National University of Kaohsiung, Taiwan

Su-Hsing Hung, National University of Kaohsiung, Taiwan

Ben-Chien Hu, National University of Kaohsiung, Taiwan

0221

*Analysis of Hospital Technical Efficiency in China: Effect of Health Insurance Reform*

Hsin-Hui Hu, National Central University, Taiwan

Qinghui Qi, National Central University, Taiwan

Chih-Hai Yang, National Central University, Taiwan

**Saturday Session 2: 10:45-12:15**

**Room: Sakura A**

**ACSS Session: Immigration, Refugees, Race, Nation**

**Session Chair: Azin Mostajer Haghighi**

0030

*The State and Foreign Workers: Case studies of Indonesian Workers in Japan and Korea*  
Nidya Kartikasari, National Graduate Institute for Policy Studies (GRIPS), Japan

0142

*Barriers to the Healthcare System Among Older New Americans in the US: A Descriptive Pilot Study*  
Lisa Willoughby, Saint Louis University, USA  
Hisako Matsuo, Saint Louis University, USA  
Minghao Gao, Saint Louis University, USA

0117

*Ethnic entrepreneurship: construction or destruction of migrants and refugees' present and future*  
Azin Mostajer Haghighi, University of Strathclyde, Business school, UK  
Paul Lynch, University of Strathclyde, Business school, UK

**Saturday Extended Session 2: 10:45-12:45**

**Room: Sakura B**

**ACSS Session: Media and Communications**

**Session Chair: Clyde Warden**

0024

*Building a Social Network Service for Enhancing Parents and Children Communication*  
Fei-Pi Chu, Creative and Industrial Design, Taiwan  
Shyhnan Liou, Creative and Industrial Design, Taiwan  
Sheng-Fen Chien, Creative and Industrial Design, Taiwan

0255

*Responding to Political Change: The Media Paradox in the Democratic Process in Indonesia*  
Syamsuddin Aziz, The University of Melbourne, Australia

0216

*Business Training in Virtual Space: The Influence of Abstraction Level on Feelings of Presence*  
Judy Chen, The Overseas Chinese University, Taiwan  
Clyde Warden, National Chung Hsing University, Taiwan

0217

*Cybernomad Behavior in a Virtual Social Space*  
Clyde Warden, National Chung Hsing University, Taiwan  
Judy Chen, Overseas Chinese University, Taiwan

**Saturday Extended Session 2: 10:45-12:45**

**Room: Kashi**

**ACSEE Session: Energy: Renewable Energy and Environmental Solutions**

**Session Chair: Chikashi Sato**

0034

*Renewable Energy: The Indian Perspective*

Himadri Roy Ghatak, Sant Longowal Institute of Engineering and Technology, India

0039

*Double - Layer Solar Roof as Used in Organic Rankine Cycle*

S. Kong Wang, I-Shou University, Taiwan

0209

*The Significance of the Competent Photoexciton Diffusion Process in Accelerating the Power Conversion Efficiency of Organic Solar Cells*

Ariful Haque, North South University, Bangladesh

Abdul Awal, North South University, Bangladesh

Mashiur Rahman, North South University, Bangladesh

Fauzia Sultana, North South University, Bangladesh

0112

*Building Sustainable Native American Nations through Integration of Higher Education Programs and Renewable Geothermal Energy Development on Tribal Lands*

Chikashi Sato, Idaho State University, USA

James Mahar, Idaho State University, USA

Michael McCurry, Idaho State University, USA

John Welhan, Idaho State University, USA

Doyle Anderson, Idaho State University, USA

**Saturday Extended Session 2: 10:45-12:45**

**Room: Kusu**

**ACSEE Session: Economic Sustainability: Environmental Challenges and Economic Growth**

**Session Chair: J Ram Pillarisetti**

0098

*Energy Access To Rural Areas: Exploring Decentralized Renewable Energy Systems For The Indian State Of Bihar*

Anjula Gurtoo, Indian Institute of Science, India

0141

*Carbon Prices and Economic Growth: Panel Analysis*

Zhanna Kapsalyamova, I-Tsung Tsai, United Arab Emirates

0204

*Energy Consumption, Economic Growth, and Environmental Degradation in Iran*

Davood Behboudi, University of Tabriz, Iran

Esmail Barghi Golezani, University of Tabriz, Iran

Siab Mamipour, University of Tabriz, Iran

0073

*Ranking Environmentally Responsible Nations: Empirical Analysis and Evaluation of Consistency Across Indexes*

J Ram Pillarisetti, University of Brunei Darussalam, Brunei Darussalam

**Saturday Extended Session 2: 10:45-12:45**

**Room: Matsu**

**ACSS Session: Psychology/Sociology**

**Session Chair: Seema Munaf**

0137

*Computer simulation as a new way to understand social complexity: the case of future religious terrorism.*

Andrea Molle, Christopher D. Bader, Baylor University, USA

0138

Body Image Dissatisfaction as a Factor of Body Mass Index (BMI) and Perceived Social Support in Adolescents Body Image

Uzma Ali, Institute of Clinical Psychology, University of Karachi, Pakistan

Uzma Jilani, Institute of Clinical Psychology, University of Karachi, Pakistan

0183

*Political Discourses on Mainland - to - Hong Kong One - Way Permits in Communication Texts*

Rosa Kay, University of Massachusetts Boston, USA

Cornelius Pratt, Temple University, USA

0135

Academic Achievement in Adulthood as a Function of Perceived Father's Acceptance-Rejection in Childhood

Seema Munaf, Institute of Clinical Psychology, Pakistan

Sadiq Hussain, Institute of Clinical Psychology, Pakistan

**Saturday Session 3: 13:15-14:45**

**Room: Sakura A**

**ACSS Session: Economics and Management**

**Session Chair: Meng-Wen Tsou**

0235

*A Framework for the Investigation of non-Japanese Labour Management in Japanese Small and Medium Sized Enterprises*

Jason Evans, JAIST, Japan

Jason MacVaugh, JAIST, Japan

0244

*The Impact of Foreign Direct Investment in China on Employment Adjustments in Taiwan: Evidence from Matched Employer - Employee Data*

Meng-Wen Tsou, National Central University, Taiwan

Jin-Tan Liu, National Central University, Taiwan

James K. Hammitt, National Central University, Taiwan

**Saturday Session 3: 13:15-14:45**

**Room: Sakura B**

**ACSS Session: Sustainability**

**Session Chair: Chao-Hsin Huang**

0014

*Self-Reliance Process on Sustainable Health Care Using Philosophy of the Sufficiency Economy*

Jakkrite Pinyaphong, Uttaradit Rajabhat University, Thailand

0166

*The Role of Interim Housing Community Organizations in Reconstruction of the Community —A Case Study of Jongchan Base in Pingtung, Taiwan*

Chao-Hsin Huang, Chang Jung Christian University, Taiwan

Yu-hsin Chen, National Cheng Kung University, Taiwan

George Yao, Chia Nan University, Taiwan

Li-Fan Liu, National Chung Cheng University, Taiwan

Ju-Huey Wen, Chang Jung Christian University, Taiwan

**Saturday Session 3: 13:15-14:45**

**Room: Kashi**

**ACSEE Session: Energy: Renewable Energy and Environmental Solutions**

**Session Chair: Ademola Adenle**

0202

*The Chemical Reaction Method to Utilize Geothermal Energy*

Rakesh Soni, University of Alberta, Canada

Jitender Agarwal, University of Alberta, Canada

0024

*Heat Trap and Light Concentration Mechanism to Enhance a Temperature Gradient Thermoelectric Energy Harvesting System*

Airul Azha Abd Rahman, MIMOS BHD, Malaysia

Wan Adil Wan Jamil, MIMOS BHD, Malaysia

Amilia Ahmed Khozim, MIMOS BHD, Malaysia

0194

*Algae Biofuel Production for Energy Sustainability in Developing Countries*

Ademola Adenle, United Nations University - Institute of Advanced Studies, Japan

**Saturday Session 3: 13:15-14:45**

**Room: Kusu**

**ACSEE Session: Economic Sustainability**

**Session Chair: Robert Knapp**

0128

*Are Italian Firms Proactive in Sustainability Practices?*

Marco Minciullo, Catholic University of Milan, Italy

0218

*Mutual Dependence of Social and Environmental Sustainability in Offices*

Robert Knapp, Evergreen State College, USA

Hiroto Takaguchi, Evergreen State College, USA

**Saturday Session 3: 13:15-14:45**

**Room: Matsu**

**ACSEE Session: Environmental Sustainability & Environmental Management: Land Use & Misuse**

**Session Chair: Tony Norton**

0210

*The Implementation of an Open Space Policy by the States in Peninsular Malaysia: The Need for a Uniform Policy?*

Putri Haryati Ibrahim, International Islamic University Malaysia, Malaysia

Melasutra Md Dali, International Islamic University Malaysia, Malaysia

Safiah Muhammad Yusoff, International Islamic University Malaysia, Malaysia

0064

*Native Vegetation Management in Tasmania, Australia, and its Implications for Biodiversity Conservation in Agricultural Landscapes*

Tony Norton, University of Tasmania, Australia

**Saturday Extended Session 4: 15:00-16:30**

**Room: Sakura A**

**ACSS Session: Interdisciplinary Social Sciences**

**Session Chair: Bethany Spielman**

0246

*Sustaining Agricultural Production through Disease - Control Programs: Balancing Competing Interests*

Terence Centner, University of Georgia, USA

0170

*Beliefs in Spiritual Causation of Infant Mortality and the Rejection of Traditional Birth Attendants: A Case Study of the Tafeni*

*Location of Nyandeni Local Municipality in the Eastern Cape of South Africa*

Kholekile Hazel Ngqila, Walter Sisulu University, South Africa

0262

*Offshoring Experiments, Outsourcing Public Health: The Concept of State Responsibility and Pfizer's Nigerian Trovan Experiments*

Bethany Spielman, Southern Illinois University, USA

**Saturday Session 4: 15:00-17:00**

**Room: Sakura B**

**ACSEE Session: Environmental Sustainability & Environmental Management: Land Use & Misuse**

**Session Chair: Vasile Meita**

0055

*An Analysis of the Landscape Ecological Effects of Land - use Changes in Dongshan River basin, Taiwan*

Shu-Chun L. Huang, Taiwan

Wen-Pin Lin, Taiwan

0252

*Effect of Soil Solarization in the Greenhouse Agro-Ecosystem of Organic Vegetable Production*

Bahram Tafaghodinia, Iranian Research Organization for Science and Technology, Iran

Mohammad Kamalpour, Iranian Research Organization for Science and Technology, Iran

Abbasali Nasrollahi, Iranian Research Organization for Science and Technology, Iran

0048

*Sustainable Spatial Development in the Danube Delta Biosphere Reserve: Planning, Architecture, Seismic Construction and Energy-related Criteria*

Vasile Meita, Nat'l Inst. for Res. & Develop. in Construct., Urbanism and Sustain. Spatial Develop. URBAN - INCERC, Romania

Emil-Sever Georgescu, Nat'l Inst. for Res. & Develop. in Construct., Urbanism and Sustain. Spatial Develop. URBAN - INCERC,

Romania

Alexandru-Ionut Petrisor, Nat'l Inst. for Res. & Develop. in Construct., Urbanism and Sustain. Spatial Develop. URBAN - INCERC,

Romania

**Saturday Extended Session 4: 15:00-17:00**

**Room: Kashi**

**ACSS Session: Politics, Public Policy and Law**

**Session Chair: Bill Taylor**

0073

*Establishment of a Family Court: Towards Sustainability of Family Institution in Malaysian Context*

Roslina Che Soh, International Islamic University Malaysia, Malaysia

Ain Husna Mohd Arshad, International Islamic University Malaysia, Malaysia

0094

*Punitive Justice in the Malaysian Criminal Law and its Sustainability: Balancing the Rights of Offender with those of the Victim*

Nasimah Hussin, International Islamic University Malaysia, Malaysia

0078

*Registration as Legal Mechanism to Sustain Institution of Marriage*

Noraini Md Hashim, International Islamic University in Malaysia, Malaysia

0256

*Developments in China's Labour Law: Progress, Redress or Suppress?*

Bill Taylor, City University of Hong Kong & University of Tokyo, Japan

**Saturday Extended Session 4: 15:00-17:00**

**Room: Kusu**

**ACSS Session: Psychology, Cognitive Science and the Behavioural Sciences**

**Session Chair: Mei-Ling Wang**

0063

*The Determinant of Children's Music Aptitude: An Analysis of Mothers' Music Aptitude, Socioeconomic Status and Musical Parenting in Central Taiwan*

Yu-Huei Su, National Hsinchu University of Education, Taiwan

0267

*Understanding Forgiveness Process in the Workplace: A case of Thai Nurses*

Itsara Boonyarit, Behavioral Science Research Institute, Srinakharinwirot University, Thailand

Wiladlak Chuawanlee, Behavioral Science Research Institute, Srinakharinwirot University, Thailand

Ann Macaskill, Behavioral Science Research Institute, Srinakharinwirot University, Thailand

Numchai Suppareerkchaisakul, Behavioral Science Research Institute, Srinakharinwirot University, Thailand

0270

*Psychological Capital: A Preliminary Study Among Public Health Officers Working Under The Adverse Situation In Southern Border Provinces of Thailand*

Natthawut Arin, Srinakharinwirot University, Thailand

Oraphin Choochom, Srinakharinwirot University, Thailand

Dusadee Yoelao, Srinakharinwirot University, Thailand

Numchai Suppareerkchaisakul, Srinakharinwirot University, Thailand

0013

*Linking Salespersons' Perception of Learning Climate to Service - Oriented Citizenship Behavior: The Mediating Role of Customer Knowledge*

Mei-Ling Wang, Tamkang University, Taiwan

Fay-Fang Yang, Tamkang University, Taiwan

**Saturday Session 4: 15:00-16:30**

**Room: Matsu**

**ACSEE Session: Energy: Renewable Energy and Environmental Solutions**

**Session Chair: Sanza Kazadi**

0145

*Trends of Biofuels Derived from Renewable Biomass as Sustainable Energy and Environmental Solution*

Mohammad Islam, Kitami Institute of Technology, Japan

Montaz Parveen, Kitami Institute of Technology, Japan

Hiroyuki Haniu, Kitami Institute of Technology, Japan

0176

*Desalination Powered By Entropy*

Sanza Kazadi, Jisan Research Institute, USA

Young Hong, Jisan Research Institute, USA

Calvin Chau, Jisan Research Institute, USA

Jessica Liu, Jisan Research Institute, USA

Arnav Chaudhary, Jisan Research Institute, USA

Apoorv Chaudhary, Jisan Research Institute, USA

James Park, Jisan Research Institute, USA

Miji Kim, Jisan Research Institute, USA

David Kim, Jisan Research Institute, USA

Sam Kim, Jisan Research Institute, USA

**17:15-18:15**

**TRADITIONAL JAPANESE TEA CEREMONY DEMONSTRATION**

**Room: Sakura**

**NOTES**

**SUNDAY POSTER**

**Sunday Session 1: 9:00-10:30**                      **Room: Kashi**

**ACSS Session: Interdisciplinary**

**Session Chair: Bui Hong Van**

0160

*Embryological Examine of Language using Arguments and Sustaining the Future with Language - Focusing on the case of Korea*  
Eun Ah Cho, Sung Kyun Kwan University, Republic of Korea

0051

*The Manner of Performing Selected Contemporary works by George Crumb (b. 1929) and Iannis Xenakis (1922 - 2001)*  
Ang-Cheng Kris Ho, United International College, China

0144

*Masculinity, Sexuality, and Sexual Health Among Unauthorized Vietnamese Migrant Workers in Thailand*  
Bui Hong Van, Light, Vietnam

**Sunday Session 1: 9:00-10:30**                      **Room: Kusu**

**ACSS Session: Economics and Management, Health and Water**

**Session Chair: Daphne Gondhalekar**

0043

*Efficiency Analysis and the Effect of Pollution on Shrimp Farms in the Mekong River Delta*  
Kiet Nguyen, University of Sydney, Australia  
Timothy Fisher, University of Sydney, Australia

0118

*Poverty, Growth and Water: The Case of East Java, Indonesia*  
Budhi Purwandaya, STEKPI, School of Business and Management, Indonesia

0141

*Health Impact of Water Access in Urban Tibet*  
Daphne Gondhalekar, Center for Development Research (ZEF), University of Bonn, Germany

**Sunday Session 1: 9:00-10:30**                      **Room: Matsu**

**ACSEE Session: Social Sustainability & Sustainable Living**

**Session Chair: Jon Truby**

0108

*Social Relatedness and Sustainability: Women's Agency in Sustainable Living*  
Yumiko Tokita - Tanabe, Osaka University, Japan

0056

*The Impacts of Thai Household Smoking Spending on Expenditure Patterns and Health Care Costs*  
Aunkung Lim, Faculty of Economics, Kasetsart University, Thailand  
Valaiporn Attanandana, Faculty of Economics, Kasetsart University, Thailand

0019

*Achieving Environmentally Sustainable Social Behavioural Change Towards Energy Consumption in States with High Natural Energy Reserves and High Average Incomes*  
Jon Truby, Qatar University, Qatar

**Sunday Session 1: 9:00-10:30**

**Room: Hana**

**ACSEE Session: Environmental Sustainability & Environmental Management: Freshwater, Oceans and Seas Panel**

**Session Chair: Makoto Taniguchi**

0224

*Impact of Urban Services on Human Security: From Uncontrolled Practices and Resource Use to Potential Measures*

Makoto Taniguchi, Research Institute for Humanity and Nature, Japan

Ryohei Kada, Research Institute for Humanity and Nature, Japan

Aysun Uyar, Research Institute for Humanity and Nature, Japan

Kengo Hayashi, Research Institute for Humanity and Nature, Japan

**Sunday Session 2: 10:45-12:15**

**Room: Kashi**

**ACSS Session: Globalization, Internationalization and International Relations**

**Session Chair: Eموke Bolla**

0254

*Globalizing Intimacy: Changing Notions of Couple Relationships*  
Dalit Bloch, Tel-Aviv University, Israel

0110

*The Crystallisation of McCrystal's Leaked and "Leaky" policy paper*  
Iain Cowie, Thammasat University, Thailand

0154

*A Need for Interdisciplinarity in Economics?*  
Emoke Bolla, University of Pannonia, Hungary

**Sunday Session 2: 10:45-12:15**

**Room: Kusu**

**ACSS Session: Interdisciplinary Health**

**Session Chair: Chuang Shu Han**

0105

*Correlates of Fruit and Vegetable Intakes among Secondary School Students in Mongolia*  
Batgerel Altanbagana, Asia University, Taichung, Taiwan  
Liou Jenn-Chang, Asia University, Taichung, Taiwan  
Enkhmyagmar Dashzeveg, Public Health Institute, Ulaanbaatar, Mongolia

0112

*The Role of Successful Aging Process for Elders in Community Organization - Example of Chuang - Rong Community in Tainan, Taiwan*  
Meng-Shan Wu, Institute of Gerontology of medical college, Cheng Kung University, Tainan, Taiwan  
Chi-Yu Hsiao, Jising Senior Citizen's Welfare Foundation, Kaohsiung, Taiwan  
Po-Tsung Chen, Institute of Gerontology of medical college, Cheng Kung University, Tainan, Taiwan

0149

*A Study of Elders Living in Community Environment Base on Adaptation Level Theory - An Example from Chang Rung Community in Tainan, Taiwan*  
Chuang Shu Han, National Cheng Kung University, Taiwan  
Chen Po Tsung, National Cheng Kung University, Taiwan

**Sunday Session 2: 10:45-12:15**

**Room: Matsui**

**ACSEE Session: Environmental Sustainability & Human Consumption**

**Session Chair: Brenda Kranz**

0068

*Awareness Toward Environmental Problem Solving of Students*  
Anchalee Pongkaset, Sirindhorn College of Public Health, Yala, Thailand  
Kannika Ruangdej, Sirindhorn College of Public Health, Yala, Thailand

0086

*Promoting Sustainable Natural Resource and Environmental Management Concepts with Student Centered Learning in Sirindhorn College of Public Health, Yala, Thailand*  
Kannika Ruangdej, Sirindhorn College of Public Health, Yala, Thailand

0070

*The Poverty and Pesticide Misuse Trap: Pathways for change*  
Brenda Kranz, Asian University for Women, Bangladesh  
Qamar Banu, Asian University for Women, Bangladesh

**Sunday Session: 2: 10:45-12:15**

**Room: Hana**

**ACSEE Session: Energy: Energy Economics and Ecological Economics**

**Session Chair: Patrik Gotz**

0230

*The Green Paradox and Increasing World Energy Demand*

Sarah Polborn, Aarhus University, Denmark

0177

*Developing a Green Metric Mechanism versus LEED for Tall Buildings in Qatar: An Evaluation-Based Case Study*

Haten Galal A Ibrahim, Qatar University, Qatar

0234

*Redefining Economic Efficiency in a Post-Fossil Fuel World: Relation Between Food and Energy Scarcity*

Patrik Gotz, Kyoto University, Japan

**Sunday Session 3: 13:15-14:45**

**Room: Kashi**

**ACSS Session: Linguistics**

**Session Chair: Mihoko Kato**

0049

*The Influence of First Language and Culture on the Production of Collocations in the Writing of Postgraduate Students*

Firooz Namvar, School of Languages and Linguistics, Malaysia

Jamilah Mustafa, School of Languages and Linguistics, Malaysia

Nor Fariza Mohd Noor, School of Languages and Linguistics, Malaysia

0225

*The Visual - spatial Partial cue of Chinese Characters in Reading*

Chien-Yu Tsai, National Cheng Kung University, Taiwan

0104

*Spread of Japanese Sign Language Among Hearing People: A Sociolinguistic Outline*

Mihoko Kato, Toyohashi University of Technology, Japan

**Sunday Session 3: 13:15-14:45**

**Room: Kusu**

**ACSEE Session: Environmental Degradation/Renewable Energy and Environmental Solutions**

**Session Chair: Jenn-Jiang Hwang**

0038

*Building a Stakeholders Vision of the Potential Impacts of Offshore Wind - farm: A Group Modeling Approach*

Yang-Chi Chang, National Sun Yat-sen University, Taiwan

Pierre-Alexandre Chateau, National Sun Yat-sen University, Taiwan

0022

*Thermal Modeling of a Parabolic Solar Water Heater by Adapting the Fully Mixed Model of the Storage Tank*

Sasan Zahirnia, K.N.Toosi University of Technology(IRAN), Iran

Ali Ghaffari, K.N.Toosi University of Technology(IRAN), Iran

Soleyman Arebi, K.N.Toosi University of Technology(IRAN), Iran

0012

*LabVIEW - Based Real - Time Evaluation System for Validation and Reliability Tests of Fuel Cell Scooters*

Jenn-Jiang Hwang, Department of Greenery, Taiwan

Jia-Sheng Hu, Department of Greenery, Taiwan

Yu-Jie Chen, Department of Greenery, Taiwan

Lai-Ho Huang, Department of Greenery, Taiwan

Wei-Ru Chang, Department of Greenery, Taiwan

**Sunday Session 3: 13:15-14:45                      Room: Matsu**

**ACSEE Session: Social Sustainability & Sustainable Living**

**Session Chair: Sonia Punjabi**

0052

*Working Towards Enhancing the Quality of Urban Life Through a Greener City: Aspects of Policy and Law in Malaysia Relevant to Urban Green Spaces Development and Environmental Quality Protection*  
Maizatun Mustafa, International Islamic University Malaysia, Malaysia

0178

*The importance of ecological and spiritual approach in chemical engineering towards practical conception of sustainable development*

Azizan Ramli, Universiti Malaysia Pahang, Malaysia  
Mohd Shaiful Zaidi Mat Desa, Universiti Malaysia Pahang, Malaysia  
Tuan Sidek Tuan Muda, Universiti Malaysia Pahang, Malaysia  
Abdul Kamil Jamaludin, Universiti Malaysia Pahang, Malaysia

0149

*LEED International - A New Dimension*  
Sonia Punjabi, U.S. Green Building Council, Washington DC, USA

**Sunday Session 3: 13:15-14:45                      Room: Hana**

**ACSS Session: Interdisciplinary Social Sciences**

**Session Chair: Chester Proshan**

0005

*Building Government and Community Alliances for Inclusive Education: Pertinent Programs and Practices*  
Kenneth Fitzgerald, Universiti Brunei Darussalam, Brunei Darussalam

0156

*Living Along the Sino-Vietnamese Border in the Era of Opening Up*  
Han Na, Keio University, Japan

0090

*Intergroup Marriage in a Conflicted Milieu: Marriage between Japanese and Non - Japanese in the Yokohama Treaty Port*  
Chester Proshan, Bunka Women's University, Japan

**CLOSING REMARKS 15:00-15:30**

**Room: Kiku**

ACSS/ACSEE Poster Sessions

**Poster Session 1: ACSS**

**Room: Kiku**

**Friday Session: 12:00-13:00**

0058

*A Two-period Bertrand Model of Brand Marketing Strategy*  
Hui-I Feng, National Taiwan University, Taiwan

0111

*The Impacts of Country - of - language from Country - of - Origin Effect, and Cue for Retail Reputation in the Context of Internet Auction*

Ya-Hwei Kang, National Taiwan Normal University, Taiwan  
I-Huei Wu, National Taiwan Normal University, Taiwan

0227

*An Analysis of Household and Regional Characteristics on Poverty in Korea: In Comparison between Income Poverty and Material Hardship*

Jung Up Lee, Policy Research Institute of the Democratic Party, Republic of Korea

0080

*Prevalence, Quality of Life and Social Support in Postpartum Depression: A Longitudinal Study*

Maria J Serrano, University of Balearic Islands, Spain  
Margalida Gili, University of Balearic Islands, Spain  
Natalia Bauza, University of Balearic Islands, Spain  
Saray Monzon, University of Balearic Islands, Spain  
Margalida Vives, University of Balearic Islands, Spain  
Miquel Roca, University of Balearic Islands, Spain

**Poster Session 2: ACSEE**

**Room: Kiku**

**Friday Session: 14:00-15:00**

0184

*Renovating the Industry Through Energy Efficiency Projects: A case Study of Iranian Brick Industry*

Ali Abolghasemi, Tehran University, Iran  
S.G.Hossain Hassantash, Tehran University, Iran

0131

*Microbial community variation and electricity generation in microbial fuel cell*

Jia-Shing Ko, National Yunlin University of Science and Technology, Taiwan  
Yu-Shiuan Chiou, National Yunlin University of Science and Technology, Taiwan  
Chi-Wen Lin, National Yunlin University of Science and Technology, Taiwan  
Yu-Cheng Hsieh, National Yunlin University of Science and Technology, Taiwan  
Feng-Jen Chu, National Yunlin University of Science and Technology, Taiwan  
Chih-Hung Wu, National Yunlin University of Science and Technology, Taiwan

0099

*State of the Art in Thermal Insulation Materials and Energy Thrifty Developments*

Kai-Jay Chang, National Yunlin University of Science and Technology, Taiwan  
Kuan-Chen Peng, National Yunlin University of Science and Technology, Taiwan  
Yen-Zen Wang, National Yunlin University of Science and Technology, Taiwan

**Poster Session 3: ACSS**

**Room: Kiku**

**Friday 16:00-17:00**

0075

*Social Presence and Cognitive Presence in Non - Academic vs. Academic Online Discussions*  
Butsakorn Yodkamlue, Suranaree University of Technology, Thailand

0153

*A Case Study of Interim Housing Model and Reconstruction of Family Life in Taiwan*

George C. Yao, National Cheng Kung University, Taiwan  
Po Tsung Chen, National Cheng Kung University, Taiwan  
Ju Huey Wen, National Cheng Kung University, Taiwan  
Li Fan Liu, National Cheng Kung University, Taiwan  
Chao Hsing Huang, National Cheng Kung University, Taiwan  
Chi Yu, National Cheng Kung University, Taiwan

**Poster Session 4: ACSEE**

**Room: Kiku**

**Saturday Session: 10:00-11:00**

0087

*Problem Solving of Mountain Waterworks System during a Decade in Bankangsuan, Tambon Koh Saba, Amphoe Thepha, Changwat Songkhla, Thailand*

Paiboon Chaosuansreecharoen, Sirindhorn College of Public Health, Yala, Thailand

0054

*The Effect of Sea Level Rise on the Human Population and Natural Forest Communities of Miami - Dade County, FL, USA*

Stephanie Long, Florida International University, USA  
Camilo Arias, Florida International University, USA  
Kristie Wendelberger, Florida International University, USA  
Sylvia Lee, Florida International University, USA  
Ivan Blanco Rubio, Florida International University, USA

0040

*Applicability of Biogas Plant End - products as Organic Fertilizers*

Liisa Maunuksela, Finnish Food Safety Authority Evira, Finland  
Merja Torniaainen, VTT Technical Research Centre of Finland, Finland  
Anu Kapanen, Finnish Meteorological Institute, Finland  
Minna Vikman, Finland  
Marko Laine, Finland

**Poster Session 5: ACSS**

**Room: Kiku**

**Saturday Session: 11:30-12:30**

0174

*Determinants of Foreign Direct Investment in Pakistan*

Zia-ur Rehman, Hailey college of commerce, Punjab University, Pakistan  
Muhammad Khyzer Bin Dost, Hailey college of commerce, Punjab University, Pakistan  
Muhammad Arslan, Hailey college of commerce, Punjab University, Pakistan

0266

*Factor Structure of Adjustment among Gifted Students in Science and Mathematics*

Amaraporn Surakarn, Srinakharinwirot University, Thailand  
Dusadee Yoelao, Srinakharinwirot University, Thailand  
Niyada Jitjarus, Srinakharinwirot University, Thailand  
Suthawan Meesri, Srinakharinwirot University, Thailand

0268

*Health - Related Quality of Life and Psychosocial Aspects Among Thai Adolescents With Cleft Lip and Palate: Qualitative Approach*

Jutharat Chimruang, Srinakharinwirot University, Thailand  
Wiladlak Chuawanlee, Srinakharinwirot University, Thailand  
Omduean Soadmanee, Srinakharinwirot University, Thailand  
Patcharawan Srisilapanan, Srinakharinwirot University, Thailand  
Niramol Patjanasontorn, Srinakharinwirot University, Thailand  
Nuntinee Nanthavanich, Srinakharinwirot University, Thailand

**Poster Session 6: ACSEE**

**Room: Kiku**

**Saturday 13:00-14:00**

0117

*Development of a Portable Direct Methanol Fuel Cell stacked as the Disc Shape*

Yean-Der Kuan, National Chin - Yi University of Technology, Taiwan  
Shi-Min Lee, National Chin - Yi University of Technology, Taiwan  
Yu-Wei Lin, National Chin - Yi University of Technology, Taiwan  
Min-Feng Sung, National Chin - Yi University of Technology, Taiwan

0125

*Effects of Carbon - based Materials on the Hydrogen Desorption of LiAlH<sub>4</sub>*

Phunsap Purasaka, The Petroleum and Petrochemical College, Thailand  
Thanyalak Chaisuwan, The Petroleum and Petrochemical College, Thailand  
Boonyarach Kitiyanan, The Petroleum and Petrochemical College, Thailand  
Santi Kulprathipanja, The Petroleum and Petrochemical College, Thailand  
Pramoch Rangsunvigit, The Petroleum and Petrochemical College, Thailand

0132

*Biodegradation of BTEX Using Cell - immobilized Beads Under Pure and Mixed Culture Conditions*

Mei-Shan Wang, National Yunlin University of Science and Technology, Taiwan  
Chi-Wen Lin, National Yunlin University of Science and Technology, Taiwan  
Cheng-Han Wu, National Yunlin University of Science and Technology, Taiwan  
Chun-Hung Yeh, National Yunlin University of Science and Technology, Taiwan  
Chih-Hung Wu, National Yunlin University of Science and Technology, Taiwan

**Poster Session 7: ACSEE**

**Room: Kiku**

**Saturday 14:30-15:30**

0211

*Hydrogen Production from Alcohol Distillery Wastewater Using an Anaerobic Sequencing Batch Reactor under Thermophilic Condition*

Aungsika Thungmanee, The Petroleum and Petrochemical College, Chulalongkorn University, Thailand  
Pramoch Rangsunvigit, The Petroleum and Petrochemical College, Chulalongkorn University, Thailand  
Sumaeth Chavadej, The Petroleum and Petrochemical College, Chulalongkorn University, Thailand  
Thammanoon Sruthawong, The Petroleum and Petrochemical College, Chulalongkorn University, Thailand

0067

*Reducing Emissions of Air Pollutants from Incense Burning with the Addition of Calcium Carbonate*

Chi-Ru Yang, Chia Nan University of Pharmacy and Science, Taiwan  
Yen-Shun Peng, Chia Nan University of Pharmacy and Science, Taiwan  
Feng-Hsiang Chang, Chia Nan University of Pharmacy and Science, Taiwan  
Yih-Feng Chang, Chia Nan University of Pharmacy and Science, Taiwan

**Poster Session 8: ACSEE**

**Room: Kiku**

**Saturday 16:00-17:00**

0116

*Study of Dynamic Characteristic of PM10 Concentration during Street Sweeping*

Chih-mei chou, JinWen University of Science and Technology, Taiwan

0083

*Applied  $\gamma$  - ray Preirradiated Fabrics Grafting with Acrylic Acid to Heavy Metal Removal*

Yi-Kuo Chang, Central Taiwan University of Science and Technology, Taiwan  
Bor-Tsung Hsieh, Central Taiwan University of Science and Technology, Taiwan  
Chia-Chieh Chen, Central Taiwan University of Science and Technology, Taiwan  
Juu-En Chang, Central Taiwan University of Science and Technology, Taiwan

**Poster Session 9: ACSS**

**Room: Kiku**

**Sunday 10:00-11:00**

0130

*The Influence of Globalization in Local Domain: Understanding the Dynamics of Pesantren as the Oldest and Largest Education Institution Model in Inodonesia*

Widya Priyahita, Gadjah Mada University, Indonesia  
Nabilah Munsyariah, Gadjah Mada University, Indonesia

0126

*Relationship between the Public Transportation Networks and Urban Land Development in Hong Kong Using Space Syntax*

Hua Leung Sin, The Chinese University of Hong Kong, Hong Kong  
Bo Huang, The Chinese University of Hong Kong, Hong Kong

**Poster Session 10: ACSS**

**Room: Kiku**

**Sunday 12:00-1:00**

0205

*Design and Analysis of Small Scale Straight - Bladed Vertical Axis Wind Turbine*

Xiao Na Ji, Nanyang Technological University, Singapore

Seach Chyr Goh, Nanyang Technological University, Singapore

Jörg Schlüter, Nanyang Technological University, Singapore

0243

*Are You Ready to Change the Way to Serve Customers? CRM Implementation of Nursing Homes*

Mei-Ling Wang, National Kaohsiung Normal University, Taiwan

Chun-Hsien Lee, National Kaohsiung Normal University, Taiwan

**VIRTUAL POSTER**

### ACSS Virtual Presentations

0232

*Peace journalism: How Thai media employ it to transcend the southern conflict*  
Walakkamol Changkamol, University of Queensland, Australia

0251

*Constructing Malaysian Identity: Petronas festival advertisements*  
Rozita Abdullah, The University of Queensland, Australia

### ACSEE Virtual Presentations

0017

*Valuation of Urban Green Space in Bangkok, Thailand*  
Somskaow Bejranonda, Kasetsart University, Thailand  
Valaiporn Attanandana, Kasetsart University, Thailand

0033

*Property Assessed Clean Energy Financing in Italy*  
Nadia Ameli, Università Politecnica delle Marche, USA  
Daniel Kammen, Università Politecnica delle Marche, USA

0041

*Human and Environmental Interactions in Settlements: A Case Study of Gilan, Iran*  
Fereshteh Karbalaee-Habibollah, University of Tehran, Iran  
Caitlin de BeÅLrigny Wall, University of Sydney, Australia

0094

*Establishing the Holistic Sustainability Evaluation Framework for Asia - Pacific Regions by Exploring Local Practices in China*  
Wenli Dong, The University of Newcastle, Australia  
Jamie Mackee, The University of Newcastle, Australia  
Michael Mak, The University of Newcastle, Australia

0119

*Optimum Air Change Rate for Night Ventilation in Order to Achieve Energy Saving in Yemeni Office Building*  
Aymen Aklan, TU Braunschweig-Institut für Gebäude- und Solartechnik, Germany  
Volker Hukemann, TU Braunschweig-Institut für Gebäude- und Solartechnik, Germany  
Manfred Fisch, TU Braunschweig-Institut für Gebäude- und Solartechnik, Germany

0221

*Consumer Willingness to Pay for Energy Conservation: The Case of Taiwan*  
Jin-Long Liu, National Central University, Taiwan

0222

*An Enquiry into Scarcity and Urban Renewal: Pointers for Social Justice and Sustainability*  
Deljana Iossifova, University of Westminster, UK  
Isis Nunez Ferrera, University of Westminster, UK

0232

*Spatial Drought - Distribution in the Northwestern Part of Bangladesh*  
Mohammad Adnan Rajib, Bangladesh University of Engineering and Technology (BUET), Bangladesh  
Md. Rubayet Mortuza, Bangladesh University of Engineering and Technology (BUET), Bangladesh  
Saranah Selmi, Asif Khan Ankur, Bangladesh University of Engineering and Technology (BUET), Bangladesh  
Mujibur Rahman, Bangladesh University of Engineering and Technology (BUET), Bangladesh