

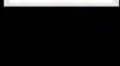
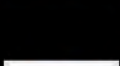
# acss2011 acsee2011

The Asian Conference on Sustainability, Energy & the Environment

The Asian Conference on the Social Sciences







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**Letter of Welcome**

**From the Chairman of the International Academic Forum's International Advisory Board  
& the Chairman of IAFOR Japan**

Dear Colleagues,

Welcome to the Second Asian Conference on the Social Sciences & the Inaugural Asian Conference on Sustainability, Energy and the Environment, held jointly this year.

The aim of this event is to provide an opportunity for academics and scholars to meet and exchange ideas and views in a forum encouraging respectful dialogue. This international conference will bring together a number of university scholars working throughout Japan, Asia, and beyond to share ideas.

We have been very impressed by the range and quality of submissions received from the open call for papers, from authors all over the world, representing many disciplines and approaches, and are confident that everyone will find reason to be intellectually challenged and inspired by the work of their fellow members of the global academic community.

We encourage you, as academics working throughout the world, to forge friendships and working relationships with other participants across national, religious and disciplinary borders.

It is in this spirit of friendship and international cooperation, that we express our warmest regards to every participant.

We hope you enjoy the conference,

Yours truly,

S.D.B. Picken

Takayuki Yamada



**Rev. Professor Stuart D. B Picken**

Order of the Sacred Treasure, M.A. Hons., B.D., Ph.D., F.R.A.S.

Chairman, Japan Society of Scotland & Founding Chairman, IAFOR International Advisory Board

**Mr Takayuki Yamada**

Chairman of IAFOR Japan & International Advisory Board Member

**Letter of Welcome****From the Executive Director of the International Academic Forum**

Dear Friends and Colleagues,

Welcome to the Second Asian Conference on the Social Sciences, to be held this year alongside the inaugural Asian Conference on Sustainability, Energy and the Environment. Last year's Social Sciences conference was a wonderful celebration of interdisciplinary study, and the expansion of the event to include a paired sustainability conference will, I am sure provide an inspiration for all.

We are living through interesting and unsettling times. The continued rise of China and India, the emerging powers of South America, the global economic situation, and the recent and ongoing events in the Middle East continue to create many questions for us, as social scientists to consider, and the interplay between social, economic and environmental sustainability asks us to reflect on how we can work towards the goal of a sustainable world. There is much we can gain from being together. Our two open themes have encouraged scientists from around the globe to meet and share their respective outlooks and collective wisdom.

Last year's theme was East Meets West in Pursuit of a Sustainable World, with a particular emphasis on the global scourge of hunger. Director Mohamed Saleheen of the World Food programme spoke of how monies raised in Japan were used to feed those in need throughout the world, and yet shortly after the recent earthquake, the WFP tents were erected in North Eastern Japan in scenes of desolation reminiscent of the post war era. Another echo of that dark period was the nuclear situation unfolding at the Fukushima plant, as worries over radiation led to the reappraisal not just in Japan, but throughout the world of nuclear power programmes.

We are a more intimate event than we would usually expect, in large part due to the aforementioned events of March, which have caused many would-be registrants to put off their visits to Japan for another year. This intimacy will, I am sure, allow for greater and deeper intellectual relationships to be formed.

My thanks to all those who have helped in the preparation for this event, in particular to International Advisory Board Chair Professor Stuart Picken, Local Conference Chair Professor Steve Cornwell, Programme Adviser Dean June Henton, and Featured Speakers Professor Keith Miler and Mr Lowell Sheppard. Also thanks to every delegate for coming, and especially those who have made the trip from abroad, and in doing so showing a strong gesture of solidarity with Japan. Especially at this difficult time for the country, we greatly appreciate your attendance, and encourage your active engagement throughout the conference.

Respectfully,

Joe Haldane



**Dr Joseph Haldane,**  
B.A. Hons., Ph.D., F.R.A.S.  
Executive Director, The International Academic Forum

**Conference at a Glance...**

**Registration and Information**

The Registration and Information Desk will be open from 15:00-17:00 on Thursday afternoon, and from 8:00-8:45, and 12:00-18:00 on Friday, from 9:00-17:00 on Saturday, and from 9:00-16:00 Sunday.

**Refreshments**

There will be twice daily complimentary refreshment breaks for delegates in the middle of the morning and the middle of the afternoon served in the Kiku base room (Coffees, teas, juices and a selection of biscuits and pastries).

**Thursday**

**ACSS/ACSEE 2011 Welcome Reception-18:00-19:30**

Come and enjoy a complimentary glass of wine (or soft drink) to open the conference at first floor Neuf-Neuf café/restaurant.

**Friday**

**Plenary Session – 9:00-12:00**

**Parallel Sessions**

Session 1: 13:00-14:30

Session 2: 14:45-16:45

**Conference Dinner: Friday Evening - 19:00-21:00**

The official conference dinner will be held in a downtown Osaka izakaya, and provide a relaxed and enjoyable environment to meet and network with other delegates. This is ticketed (5,000 JPY) and there are a limited number of places. For more information please see the inside back cover of this programme or ask a member of staff at the reception desk.

**Saturday**

**Parallel Sessions**

Session 1: 9:00-10:30

Session 2: 10:45-12:15

Session 3: 13:15-14:45

Session 4: 15:00-16:30

**17:15-18:15**

**TRADITIONAL JAPANESE TEA CEREMONY DEMONSTRATION**

**Sunday**

**Parallel Sessions**

Session 1: 9:00-10:30

Session 2: 10:45-12:15

Session 3: 15:15-16:45

**Closing Remarks 15:00-15:30**

### General Information for Conference Participants

#### Information and Registration

The ACSS/ACSEE 2011 Registration and Information Desk will be situated in the Kiku base room on the second floor, and will be open at the following times:

Thursday, June 2	15:00-17:00
Friday, June 3	8:00-8:45 & 12:00-17:00
Saturday, June 4	9:00-17:00
Sunday, June 5	9:00-14:00

For those people wishing to pay on the day, please note that we will not be able to process credit cards.

#### Conference Plenary Session: Friday 9:00-12:00

The Plenary session will be held on Friday morning, with the event beginning at 9:00 in the Sakura room. Please arrive in good time if you wish to attend the session. There will be a mid-morning interval with refreshments served.

#### Parallel Speaker Sessions

Parallel Sessions will run on Saturday afternoon, and on Sunday and Monday throughout the day, and are organized into streams. Sessions are usually 90 minutes in length, and normally include two or three presenters. Exceptionally there may be four presenters to a session, and the session length is increased accordingly to 120 minutes.

**Friday**                      Session 1: 13:00-14:30  
Session 2: 14:45-16:15 (or 16:45)

**Saturday**                      Session 1: 9:00-10:30  
Session 2: 10:45-12:15 (or 12:45)  
Session 3: 13:15-14:45  
Session 4: 15:00-16:30 (or 17:00)

**Sunday**                      Session 1: 9:00-10:30  
Session 2: 10:45-12:15 (or 12:45)  
Session 3: 13:15-14:45

**Closing Remarks 15:00-15:30**

#### Presentations and Equipment

All presentation rooms are equipped with a screen, an LCD projector, and a Macbook laptop computer installed with PowerPoint software. You will be able to insert your USB flash drive or CD into the computer and double click on your presentation to open it in PowerPoint. We recommend that you bring two copies of your presentation in the case that one fails. There will also be a laser pointer.

If you are uncomfortable using the Macbook, you may also link your own laptop computer to the projector cable, however if you use your own Mac please ensure you have the requisite connector.

If needed, small speakers will be available. Please request the speakers before your session, and a member of staff will ensure that they are installed before your session.

#### Session Chairs

Session Chairs are asked to introduce themselves and other speakers (briefly), and ensure that the session begins and ends on time, and that the time is divided fairly between the presentations (see below). Each presenter should have no less than 30 minutes in which to present his or her paper, and respond to any questions. We recommend 20 minutes for your paper and 10 minutes for Q and A.

#### A Polite Request to All Participants

Participants are requested to arrive in a timely fashion for all addresses, whether to their own, or to those of other presenters. Presenters are reminded that the time slots should be divided fairly and equally between the number of presentations, and that they should not overrun. The session chair is asked to assume this timekeeping role.

#### Poster Session & Poster Requirements

The Poster Sessions will be held in the Kiku base room. The poster frames are B1 and so it is recommended that posters be no larger than B1 (707mm x 1000mm/27.8 inches x 39.4 inches). A1 (594mm x 841mm/23.4 inches x 39.4 inches) would also be fine. If your poster is oversized, then we will be able to provide adhesive single-sided and double-sided tape.

**Internet**

There will be no Internet connection in the presentation rooms, but there will be wireless connection in the communal areas and the 2F lobby of the Ramada Hotel. If you are staying at the hotel then all rooms include a complimentary broadband access point. For your convenience, there will also be a limited number of computers wired up to the Internet in the Kiku base room.

**Badges**

When you check in, you will receive a conference package, which includes your name badge. Wearing your badge IS required for entrance to the sessions. If you lose your badge it can be replaced for a fee of JPY 5000. You must wear your badge at all times during the Conference.

If you are not wearing your badge, security will stop you and ask you to show your ID and evidence that you are registered. Those unable to show proof will be escorted from the Conference by security. There are (4) colors of badges indicating the type of conference participant: RED: Presenters and General Audience; YELLOW: Keynote and Featured Speakers; BLACK: Conference Volunteer Staff/IAFOR Staff; BLUE: Conference Exhibitors and Affiliates.

**What to Wear & Bring**

Attendees generally wear business casual attire. You may want to bring along a light jacket or sweater, as the temperature in meeting rooms is often difficult to control.

**Security**

The Japanese police have been enforcing random passport and identification checks. If you do not have identification when stopped, the police will detain you. There may also be a financial penalty. For the enjoyment of all participants, inappropriate behavior will not be tolerated and violators will be removed from the premises. Do not leave personal items or conference bags unattended anywhere in the Ramada Osaka as this will be taken away by security.

**Smoking**

The Ramada Osaka has implemented a Clean Indoor Air Act; therefore, smoking is not permitted in any of the conference rooms or the ballroom. Please smoke only in designated areas.

**Photo/Recording Waiver**

There may be photography, audio or video recording at the conference. By entering the event premises you give consent to the use of your photograph, likeness or video or audio recording in whole or in part without restriction or limitation for any educational, promotional, or any purpose for distribution.

**Meals & Drinks****Refreshment Breaks**

Coffee, tea, and light snacks will be provided twice a day, in the middle of the morning and the middle of the afternoon in the Kiku base room. All other meals, including lunch and dinner, can be purchased at any of the restaurants or convenience stores in and around the Ramada Osaka.

As a conference registrant, and if you are staying at the Ramada Hotel, your room includes breakfast. This is a good occasion to start the day and meet other delegates. You must book through the Ramada Osaka to enjoy this arrangement.

**The Ramada hotel has arranged for a 20% discount on food and drink purchased from the Lampada Restaurant (16F), the Tenzan teppanyaki Steak Restaurant (B1), Neuf-Neuf Dining and Café (1F), and the Tres Tres Bon Gourmet Deli (1F). To access this discount, please present your registration pass. This discount does not apply to the breakfast.**

**Special Events****Thursday Welcome Reception (18:00-19:30 – Neuf Neuf Casual Dining 1F): Free**

Come and enjoy a drink or two (both soft and alcoholic drinks served), and meet fellow delegates and featured speakers at the 1<sup>st</sup> floor Neuf Neuf bar area.

**Friday Conference Dinner (19:00-21:00) – “A Night Out in Osaka”: Ticketed 5,000 JPY**

The conference dinner will be held in the bustling environment of a downtown izakaya, a short walk from the conference venue. The large set menu will include a variety of Japanese dishes, and the price includes complimentary alcoholic and soft drinks throughout the meal. This event is ticketed (based on a first come, first served basis) and is not included with your registration. For more information about these events and to book, please go to the information desk in the Kiku base room. A vegetarian option is also available, but please tell the staff at the time of booking of any particular dietary requirements.

**Conference Dinner Participants: MEET IN THE LOBBY AT 19:00**



**Saturday Japanese Tea Ceremony (17:15-18:15): Free**

The conference will be hosting a demonstration of the traditional Japanese tea ceremony, with local teacher Kayoko Ashida. There will be a short film, followed by an explanation and demonstration, as well as the chance to try some tea and traditional Japanese sweets. Please arrive promptly.

**Conference Proceedings**

The Conference Proceedings are published online as part of the IAFOR research archive, where they can be freely accessed through the IAFOR site at [www.iafor.org](http://www.iafor.org)

**ACSS Conference Proceedings**

**Title:** *The Asian Conference on the Social Sciences Official Conference Proceedings*  
**ISSN:** 2186-2303  
**URL:** [www.iafor.org/acss\\_proceedings.html](http://www.iafor.org/acss_proceedings.html)

**ACSEE Conference Proceedings**

**Title:** *The Asian Conference on Sustainability, Energy and the Environment Official Conference Proceedings*  
**ISSN:** 2186-2311  
**URL:** [www.iafor.org/acsee\\_proceedings.html](http://www.iafor.org/acsee_proceedings.html)

A large, faint watermark of the IAFOR logo is centered on the page. It features the word "iafor" in a light blue, lowercase, sans-serif font. Above the text is a circular emblem composed of several curved, overlapping lines in shades of blue, orange, and yellow, creating a globe-like effect. The entire logo is semi-transparent, serving as a background element.

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## Ramada Osaka

### Conference Rooms Guide



### Second Floor

**Kiku Room:** Base Room and Poster Sessions

**Sakura Room:** Plenary Session & Parallel Sessions

### Third Floor

Kashi, Kusu, Matsu, Hana and Fuji Rooms: Parallel Sessions





MAP OF THE RAMADA HOTEL & SURROUNDING AREA



Japanese ●  
Tea Ceremony  
Demonstration



Saturday June 4  
Sakura Room  
17:15-18:15



# Featured Speakers



**The Reverend Professor Stuart D. B. Picken**

Order of the Sacred Treasure (瑞宝中授章), M.A. (Hons), B.D., Ph.D. (Glasgow), F.R.A.S.

Chairman of the IAFOR IAB

**Friday 9:00-9:30 – Welcome Address**

**&**

**Sunday 15:00 – Closing Remarks**



Fellow of the Royal Asiatic Society, author of a dozen books and over 130 articles and papers, Professor Picken is considered one of the foremost scholars on Japan, China, and Globalization in East Asia.

As an academic, Professor Picken has devoted more than 30 years to scholarship in Japan, notably as a professor at the International Christian University in Tokyo, where he specialized in ethics and Japanese thought, and as International Adviser to the High Priest of Tsubaki Grand Shrine (Mie prefecture).

He has also served as a consultant to various businesses, including Jun Ashida Ltd., Mitsui Mining & Smelting Corp., Kobe Steel, and Japan Air Lines.

In November 2008, the Government of Japan awarded Professor Picken the Order of the Sacred Treasure for his pioneering research, and outstanding contribution to the promotion of friendship and mutual understanding between Japan and the UK. The honour is normally reserved for Japanese citizens and is a mark of the utmost respect in which Professor Picken is held by the Japanese Government.

Although now resident in Scotland, Professor Picken maintains his interests in Japan, as Chair of the Japan Society of Scotland, and through the IAFOR IAB, of which he is the founding chair. He lives near Glasgow with his wife and two children.



**Professor Keith Miller, Ph.D.**

Featured Speaker

**Friday 9:30-10:30 – Keynote Address**

**“A Sustainable Future for Whom? Humans, Corporations and Technology”**

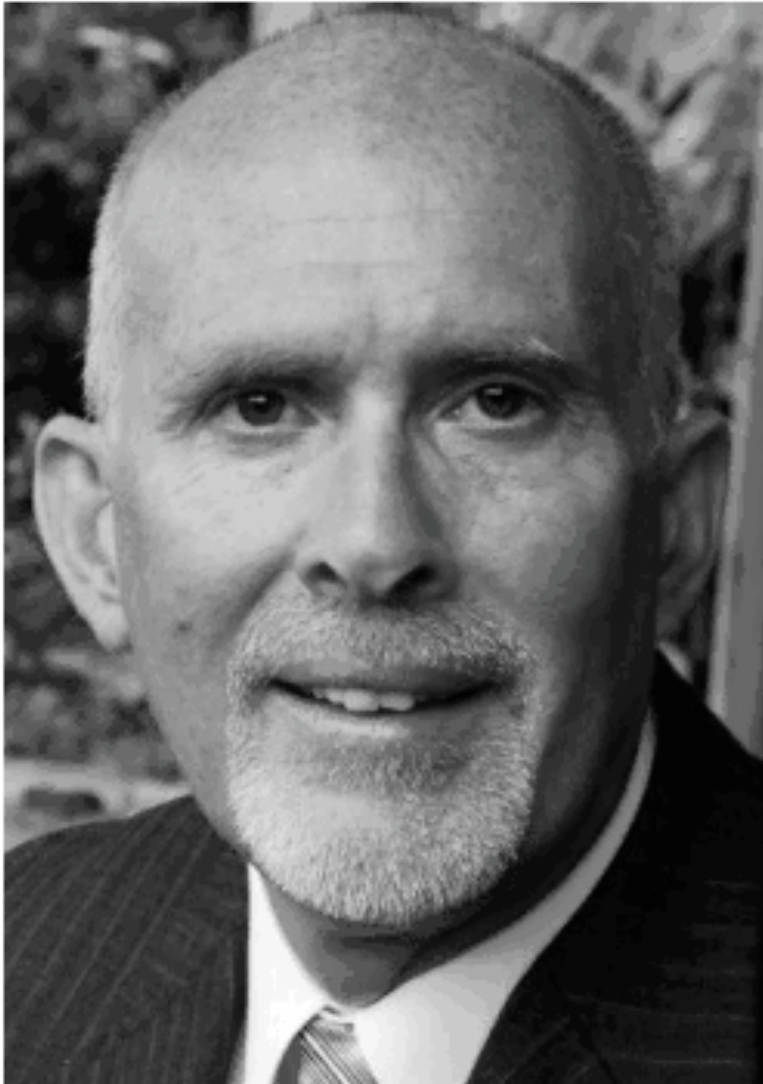


Keith W. Miller is the Schewe Professor of Liberal Arts and Science at the University of Illinois Springfield. He is a member of the Computer Science Department, and an associate member of the Philosophy Department there. Dr. Miller's research interests are in software testing and in computer ethics.

He is currently the editor-in-chief of IEEE Technology and Society. He was awarded the 2011 Joseph Weizenbaum Award by the International Society for Ethics and Information Technology. He is the principal investigator of a recent grant from the U.S. National Science Foundation to study the effects of ethics education for computer science students.

**Mr Lowell Sheppard**

Featured Speaker

**Friday 11:00-12:00 – Keynote Address****“Japan After the Quake: A Perspective”**

Lowell Sheppard is Asia Pacific Director of the HOPE International Development Agency, an organization focused on working with world's extreme poor in their quest to climb out of poverty. His overseas role was unexpectedly changed and enlarged after the recent Japanese Earthquake, when he found himself at the forefront of providing essential supplies, and giving hope to those in a country he now calls home.

Aside from his 25-year involvement with Hope, Lowell has dedicated much of his life to social and environmental improvement projects throughout the world. He was the chairman of the Whose Earth initiative in the United Kingdom, and was the founding chairman of Novimost, a non-government organization responding to the needs caused by war in the Balkans. He was also CEO of one of the United

Kingdom's largest youth charities and an executive member of Spring Harvest, an annual Christian festival which attracts more than 60,000 people each Easter, and raises more than one million dollars for charities every year. A fellow of the Royal Geographic Society, Mr Sheppard is the author of six books, which reflect his diverse intellectual interests, and life experience. His latest book, *Boys Becoming Men*, examines the importance of rites of passage, including adventures, for children becoming adults.

Lowell is a noted public speaker, and has given lectures at both undergraduate and postgraduate level on Corporate Social Responsibility and Sustainability, and he is vice-chairman of the CSR Committee for the American Chamber of Commerce in Japan.



# Friday



**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

\*

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, International 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 Kampheang Sean Campus, Thailand

Phaweesuda Ramnud, Kasetsart University Kampheang Sean Campus, Thailand

Vilai Saothongnoi, Kasetsart University Kampheang Sean Campus, Thailand

Suphachi Amkha, Kasetsart University Kampheang Sean Campus, Thailand

Kruamas Smakgahn, Kasetsart University Kampheang 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

0240

*The Politics of Global Warming: The Tragedy of the U.S. Congress and the 2010 Climate Bill*

Gary Wasserman, Georgetown University, SFS-Q, Qatar

0220

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

Eliseo Huesca, Jr, International Christian University, Japan



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**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



**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, Bangladesh Agricultural University

Jeroen Buysse, Ghent University, Belgium

Sanzidur Rahman, The University of Plymouth, United Kingdom

Guido Van Huylenbroeck, Ghent University, Belgium

0221

*Consumer Willingness to Pay for Energy Conservation: The Case of Taiwan*

Jin-Long Liu, National Central University, Taiwan

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



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**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, National Cheng Kung University, Taiwan

Shyhnan Liou, National Cheng Kung University, Taiwan

Sheng-Fen Chien, National Cheng Kung University, 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



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**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



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**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

0023

*Public participation towards environmental issues in Kota Bharu, Kelantan, Malaysia*

Haliza Abdul Rahman, Universiti Sains Malaysia, Malaysia

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



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**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

0233

*How to create international business opportunity: Africa, Asia and Europe?*

Jaka Aminata, University Paul Verlaine, France

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

0017

*Valuation of Urban Green Space in Bangkok, Thailand*

Somskaow Bejranonda, Kasetsart University, Thailand

Valaiporn Attanandana, Kasetsart University, Thailand

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

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**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, Department of Psychology, Sheffield Hallam University, United Kingdom

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

Momtaz 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



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**17:15-18:15**

**TRADITIONAL JAPANESE TEA CEREMONY DEMONSTRATION**

**Room: Sakura**





# Sunday



**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**

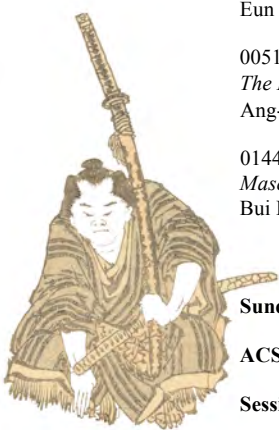
**Session Chair: Yumiko Tokita**

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

0108

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



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**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



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**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: Matsu**

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

**Session Chair: Brenda Kranz**

0068

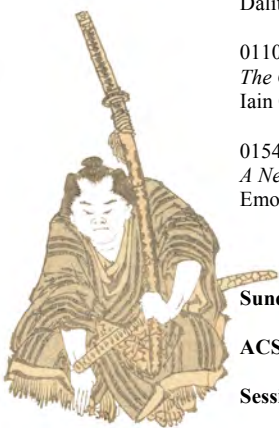
*Awareness Toward Environmental Problem Solving of Students*  
Anchalee Pongkaset, Sirindhorn College of Public Health, Yala, Thailand  
Kannika Ruangdej, Sirindhorn College of Public Health, Yala, Thailand

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



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**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



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**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, University Kebangsaan (National) Malaysia, 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 Zahrimia, 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*

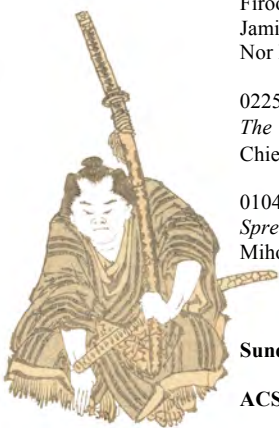
Jenn-Jiang Hwang, Department of Greenery, National University of Tainan, Taiwan

Jia-Sheng Hu, Department of Greenery, National University of Tainan, Taiwan

Yu-Jie Chen, Department of Greenery, National University of Tainan, Taiwan

Lai-Ho Huang, Bureau of Standards, Metrology and Inspection, Ministry of Economic Affairs, Taiwan

Wei-Ru Chang, Department of Landscape Architecture, Fu Jen Catholic University, Taiwan



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**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**



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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

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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 Torniainen, 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

0240

Chlorination and water quality monitoring within a public drinking water supply in Jeddah and Makkah, Saudi Arabia

Mohammed Al-Mohanna, King Abdulaziz Univ., Saudi Arabia

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 Munsyarihah, 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

A large, faint watermark of the iafor logo is centered on the page. It consists of the lowercase letters 'iafor' in a serif font, enclosed within a circular frame. The frame is composed of two concentric arcs: a red one on the left and a blue one on the right, meeting at the top and bottom.

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# Virtual





# ACSS Virtual Presentations

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*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

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*Property Assessed Clean Energy Financing in Italy*

Nadia Ameli, Università Politecnica delle Marche and UC Berkeley, USA

Daniel Kammen, UC Berkeley, USA

0041

*Human and Environmental Interactions in Settlements: A Case Study of Gilan, Iran*

Fereshteh Karbalaee-Habibollah, University of Tehran, Iran

Caitlin de BeÄLrigny 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

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

Md.Mujibur Rahman, Bangladesh University of Engineering and Technology (BUET), Bangladesh



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acss2011  
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# ZA·WATAMI

To drink, to eat, to have a good time.  
Partier discretion is advised.



## Official Conference Dinner Friday June 3, 7:00 p.m.

Continue conversations and start new ones...  
Resume acquaintances, and meet new colleagues and friends...  
Unwind after a long day of intellectual stimulation...

Come and join us at the conference dinner!

The conference dinner for ACSS/ACSEE will be held in the bustling environment of a downtown izakaya, a short walk from the conference venue. The large set menu will include a variety of Japanese dishes, and the price includes complimentary alcoholic and soft drinks throughout the meal.

Please note that a Vegetarian Option is also available

**Conference Dinner Price: 5,000 JPY  
(includes all food and drinks)**

SPACE IS LIMITED FOR OUR CONFERENCE DINNER  
&  
WE ADVISE BOOKING EARLY TO AVOID DISAPPOINTMENT

To secure your place(s) at the 2011 Conference dinner, please mail:  
conferences@iafor.org, with "June 3 Conference Dinner" in the  
subject field (advised), or ask at the information desk at the time of the conference.

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5,000 JPY



