

NEWSLETTER

GLOBAL THINK TANK



Taking a Peek at Indonesia's Energy Future

Energy Panel of 8th Widyatama International Seminar on Sustainability, September 4th 2016 at Universitas Widyatama, Bandung.

On September 5th 2016, RDI collaborated with Widyatama to hold a discussion panel on renewable energy in Indonesia as a part of 8th WISS conference in Bandung. In this event, we are honored to host two distinguished speakers, Prof. Jon Lovett (University of Leeds) and Prof. Joy Clancy (University Twente).

Dr. Saut Sagala (ITB) also presented his research on Palembang's energy security; Mr. Endang Kuswandi (PT Rancang Bangun Nusantara) shared his experience on implementing wind technology in Garut district and Ms. Elisabeth Rianawati (RDI) presented RDI's research on rural biogas application in Boyolali and Lembang. This event was moderated by Dr. Mangapul Nababan and Dr. Yudha Prambudia.

This event was attended from academicians, field practitioners and local government staffs, which resulted in dynamic discussion and sharing sessions. Prof. Jon Lovett is a professor at Leeds University's School of Geography; he shared his work on Energy Garden—a concept developed to promote the utilization of biofuel as response to scarcity of fossil fuel and the high demand for its supply while contribute to reduction of GHG. Prof. Joy Clancy is an expert on gender and energy, she shared her researches on women's position in the energy ladder and how gender equality could affect and improve energy management. Overall, the material and the discussion led to a productive and fruitful event.



Mangapul Nababan, Yudha Prambudia, Saut Sagala, Jon Lovett, Joy Clancy, Elisabeth Rianawati, Endang Kuswandi (from left to right)



Prof. Dr. Jon Lovett, University of Leeds



Prof. Dr. Joy Clancy, University of Twente

Bushfire Management in Australia

Stephen Sutton, *Charles Darwin University*

At July 20th at RDI, he shared about his previous work in Bushfire & Natural Hazard CRC and North Territory Government. In managing bushfire, selective burning of the forest is needed in order to prevent further loss due to the spreading of fire.



PetaJakarta.id: Urban Risk Map

Dr. Etienne Turpin, *Massachusetts Institute of Technology*

August 15th, RDI held a lecture in collaboration with ITENAS. Dr. Etienne Turpin shared his current project with Jakarta Local Government in developing crowdsourced flood map as a mean to flood early warning system with his team at PetaBencana.id.



Game-Theoretical Analyses in Land Management and Urban Resilience

Dr. Datuk Ary Samsura, *Raboud University*

August 16th at Universitas Pendidikan Indonesia's Management Program. Dr. Datuk Ary Samsura, gave a lecture on implementation of game theory in land management studies and improving urban resilience.



Cultural Drivers of Disaster Risk Reduction Behaviour

Stephen Sutton, *Charles Darwin University*

Right after Mr. Sutton shared his work on bushfire, he shared his doctoral dissertation on how beliefs and behaviours relate to disaster risk reduction that led to community survival in Simeulue Island.



Collaborative Urban Planning: Reaching Planning Decisions by Gaming

Prof. Erwin van der Krabben, *Raboud University*

August 18th at Universitas Pendidikan Indonesia. Prof. Erwin van der Krabben, gave a lecture on how to reach decision making in urban planning and how game theory can be used to achieve participation.



Community Recovery in Aceh, 10 Years After

Katja Brundiers, *Arizona State University*

At September 7th at RDI, Katja Brundiers gave a lecture on her doctoral dissertation about post-disaster community recovery in Aceh, Indonesia and, Chirstchurch, New Zealand from then until now. She compared how the communities cope and rebuild.



RDI Visit to United Kingdom

September 17th - 23rd, 2016 RDI visited several academic institutions in United Kingdom. RDI Team consists of Mrs. Ayu Krishna, Mr. Sapari and Wahyu Lubis. The team visited Coventry University, RDI's institutional partner to discuss future research collaborations, joint programs. The team also present the research to Coventry University's disaster research group. After that the team visit UCL and EPICENTER's research director, Tatiana to discuss about future researches collaboration. Lastly the team visit Leeds University to meet with Jon Lovett, and had a tour in Water, Energy and Transportation research center.



RDI Visit to Universitas Gadjah Mada (UGM), Yogyakarta

Written by Musyafa Syahbid

In September 6, 2016 RDI visited Universitas Gadjah Mada (UGM)-Yogyakarta. RDI was invited to attend a coordination meeting for research proposal preparation in sustainable Higher Education Research Alliance (SHERA-USAID) project. This research proposal is collaborated with Center for Economic Studies and Public Policy (PSEKP-UGM) and consortium members including Resilience Development Initiative (RDI-Bandung), Universitas Pembangunan Nasional (UPN) Veteran (Yogyakarta), Universitas Pattimura (Maluku), Universitas Khairun (Maluku Utara), and Brigham Young University (UK).

Voice of Members

Reconnecting local families through nature workshop: Yokohama City, Japan

Written by Dr. Riela Diandra, Cluster Chair of CSWH

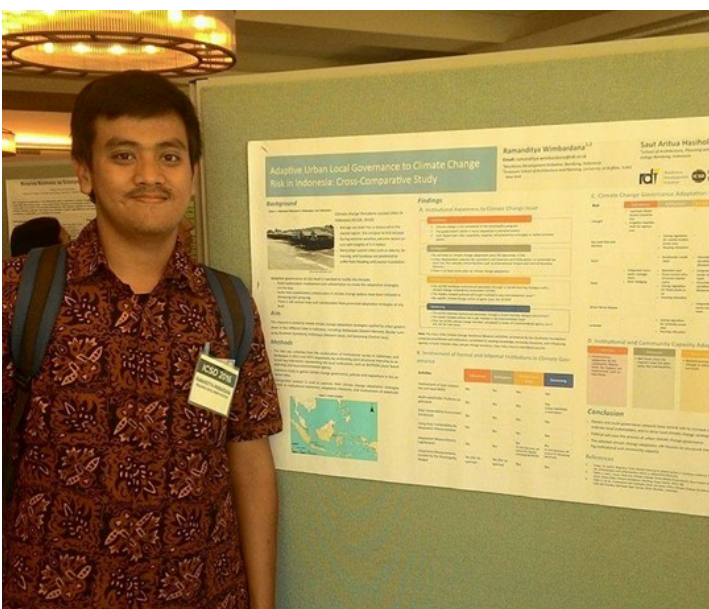
Moving to new city or country can be an exhilarating, rewarding experience. People will have the opportunity to explore new places and enjoy new lifestyle. However, one of the hardest parts of moving to a new city can be making new friends especially in Japan. It is more difficult to make friends when people are older and have their own family. Many Japanese families seem to be busy with their own schedule and they are less likely to open themselves up to anybody due to social pressures and norms.

Nature workshop is one of the methods used by some women groups in Yokohama to reconnect both Japanese and international families living in the same area. Children and their parents were invited to play outside and experience the nearby nature. The workshops were held in local urban parks and conducted in both English and Japanese. Loose materials were used to enhance children's play and promote parents' participation. After the session, the participants were given the chance to have picnic and enjoy lunch with other families. Some participants exchanged their numbers after realizing that they live in the same neighborhood. During lunch time, the participants were asked to provide feedback on the workshops. Feedback from the participants indicated high demands for such programs and more opportunities to connect with local people. The feedback also highlighted the demands to overcome people's loneliness in a city. (21/07)



Reflection from 4th International Conference on Sustainable Development: New York, USA

Written by Ramanditya Wimbardana, RDI Researcher



On September 21-23, 2016, an annual conference on sustainable development was held by the Center for Sustainable Development (CSD) and Sustainable Development Solutions Network (SDSN) at Columbia University, New York, United States. The big theme of the conference was to emphasize the importance of the United Nation (UN) Sustainable Development Goals (SDG). The conference was opened by the Prime Minister of Jamaica, Andrew Holness, who gave speech underlining the challenge of health and education development in Jamaica.

I had an opportunity to talk to Prof. Irwin Redlener who is the Director at National Center for Disaster Preparedness at Columbia University. He suggested RDI to join the UN Sustainable Development Solutions Network (SDSN). The platform helps to mobilize scientific and technological expertise globally to promote practical problem solving for sustainable development. Future RDI research proposal, may consider the SDG goals since those become references for many people who work in this arena.

On the second day of the conference, the selected research papers and poster were presented in parallel sessions. The selected papers were predominantly a number of research papers in disaster risk reduction and renewable energy issues. This was quite interesting by considering the fact that the wide range of the topics in this conference were seventeen (based on the UN SDG). This also means that RDI is on the right track in term of selecting emerging topics in sustainable development research. (08/10)

New Papers

Tarigan, A.K. M., Samsura, D. A. A., Sagala, S. A., & Wimbardana, R. (2016). Balikpapan: Urban planning and development in anticipation of the post-oil industry era. *Cities*, 60, 246-259.

Sagala, S. A., Adhitama, P., Sianturi, D. G., & Al Faruq, U. (2016). Mitigation Scenarios for Residential Fires in Densely Populated Urban Settlements in Sukahaji Village, Bandung City. *Geoplanning: Journal of Geomatics and Planning*.



Intern Welcome Party (23/09)



Dinner with Jon Lovett and Joy Clancy before WISS Energy Panel Event (04/09)



New RDI Members

Fellows

Prof. Dr. Joy S. Clancy

From University of Twente

Dr. Beta Paramitha

From Universitas Pendidikan Indonesia

Associated Researcher

Irsyad Kharisma

From Institut Teknologi Bandung

Interns 2016

Ashley Carvalho

From University of Notre Dame

Michael Coffey

From Murdoch University

Elise Currie

From Murdoch University

Adam Scott Reeves

From RMIT University

Sabina Kellie

From Adelaide University

Anna Himmelreich

From Australian National University

Asri Nur Zahirah

From Institut Teknologi Bandung

AWARD



RDI Would like to announce and congratulate that RDI members have been awarded for scholarship, conference grants, and training grants throughout the year

- Ramanditya Wimbardana for participating in 4th International Conference on Sustainable Development, at Columbia University, New York, 23rd – 24th September 2016
- Yasmina Wulandari for participating in International Conference on Feminism, in Jakarta, 23rd – 25th September 2016 and 5th International Workshop on Psychological Intervention After Disasters, in Manila, 14th – 17th November 2016
- Elisabeth Rianawati for participating in IFS-SEARCA Proposal Workshop, in Los Banos, 29th August - 2nd September 2016
- Alpian Angga Pratama for participating in Water Security and Climate Change Conference, in Bangkok, 29th November - 1st December 2016

2017 Internship Opportunity

Until 2016, RDI received 20 interns from 11 different universities, and have seen their capabilities increased as researchers. We are now looking for highly motivated interns who are eager to get some research experiences. In 2017, we open internships on topics related to:

- (1) Gender and Energy;
- (2) Culture and Disaster;
- (3) Children & Social Protection;
- (4) Biogas Adoption;
- (5) Energy Security;
- (6) Disaster Recovery Model;
- (7) Small Island Resilience; and
- (8) ASEAN Disaster Risk.

Interns at Resilience Development Initiative will be faced with many prominent research studies ranging from national to international scale. Internship period is January—June 2017.

For further information, visit <http://www.rdi.or.id/internship>