

# NEWSLETTER

Vol 2 April – June 2018



## Research and Project Field Visit

RDI Researchers Visited Lampung, Yogyakarta, West Java, East Java, and South Sulawesi Provinces

Ramanditya Wimbardana with women and local community in Malang, East Java

**T**his quarter RDI researchers travelled around various locations in Indonesia to collect data for different projects. During three months period there were five active projects that demanded data collection: Climate and Vulnerability Resilience Assessment as well as Gender Equality and Social Inclusion Assessment for SNV, Mid-term Review of Prevention+ Program for Rutgers WPF Indonesia, and two baseline studies for Save the Children's #WeSeeEqual and ANCP Family First program. During this period, a collaborative research between RDI and Coventry University in assessing Bandung city response and preparedness towards earthquake risk also started.

The team responds to different topics from child protection, family resilience, women's rights, sanitation infrastructures, climate change impacts, to disaster risk reduction. During the data collection RDI team interacted with different layer of communities from children, women, men, civil society organization, and community-based organizations. RDI team also conducted in-depth interview and FGDs with government institutions from district planning agency, women empowerment and child protection agency, education agency, health agency, public works, police department, correctional facilities, district court, to crisis center (P2TP2A). This period is a great step up for RDI to develop its members' experience and expertise on new topics such as women's rights.



*FGD with Children in Cianjur*



*FGD with women organizations*

## Visiting Safe School in Indonesia And Thailand to Develop an ASEAN Regional Monitoring Mechanism

RDI, is commissioned by Plan International as lead representative of AADMER Partnership Group, is conducting country consultations with Indonesia and Thailand to develop the regional reporting mechanisms on Safe School program in ASEAN. Part of the ASEAN Safe Schools Initiative that was launched in 2013 and currently is being funded by the European Union government through DIPECHO.

In both countries, Avianto Amri and Yusra Tebe – RDI Fellows, met with key stakeholders on safe schools, consists of the Ministry of Education (MoE) and the National Disaster Management Offices (NDMOs) in each country as well as leading NGOs such as Plan International, World Vision, Save the Children, and Care International.

The consultations covers key issues that requires inputs from Member States such as the main principles of reporting, how the reporting will be done, and what types of indicators that is best to be applied. In addition to this, the RDI team, lead by Dr. Saut Sagala, also designed an online survey to gather inputs from government and non-government stakeholders from the ten ASEAN Member States. To date, inputs and feedbacks have been received from six ASEAN Member States, including also from UN ISDR.



### Kick Off Meeting for Seismic City

On 14 May 2018, One of our research collaboration with researchers from UK, Bandung Seismic City has began. On this project we involved several researcher and fellow from RDI. On this kick off meeting, there are several people involved such as Dr. Gavin Sullivan (Coventry University), Emma Critchley, Dr. Saut Sagala, Husnul Aris Alberdi, Dinda Primaizera, Jeeten Kumar and James Stefanuto.

This study will involved several people from various discipline so this meeting will be a start to getting to know each other and how we will contribute. We discuss about the project, how we will collect the data, what will we analyze and how we disseminated the result of this study 120 active volcanoes that puts millions of Indonesians at risk .

## Collaboration Project on Foreigner Friendly Shinjuku Station – Riela Drianda, RDI Senior Fellow

The number of foreign visitors to Japan in 2017 hit the new record, marking a 19.3% increase from 2016. The Japanese government is targeting 40 million foreign visitors by 2020, when the capital city hosts the Olympics and Paralympics. Even though Tokyo is gearing up and upgrading various facilities to host these big events, there are still many remaining issues and challenges that need to be addressed immediately such as language and cultural barriers.

This spring, Dr. Riela Drianda and her students, will start a collaboration project between Waseda University, Osekkai Japan, and JR East-Shinjuku. With an average of 3.5 million passing through its doors, Shinjuku Station is one of the busiest transport hubs in Japan. Shinjuku is also home to a number of private railway companies and bus terminals transforming this station into a huge labyrinth for the users. Even the locals often find Shinjuku hard to navigate.

Since Tokyo will welcome more visitors in the future, there is a strong demand to make Shinjuku Station more foreigner-friendly. Together with Osekkai Japan, foreign students will come across foreign visitors and identify the challenges they face in Shinjuku area.



### HKBN 2018 and Disaster Preparedness Game

On 26 April 2018, RDI held a half day seminar as a part of series of National Disaster Day events initiated by the National Agency for Disaster Management of Indonesia and other disaster affiliated institutions. This seminar then concluded by group photo session with #HKBN2018 and slogan "SIAP UNTUK SELAMAT". In this disaster preparedness session, Mr. Avianto Amri introduced the "PREDIKT" boardgame which introduces disaster-related information to children through games that resemble a ladder snake game. This board-game was developed from Mr Anto's dissertation task in Macquarie University, Australia.

This event was an opportunity for RDI to delivers knowledge on disaster preparedness to its network, and also on education research topic within the seminar.

# Voice of Members



## Visiting Lampung Province, Tasikmalaya and Bandung District

Rizkita Mardea Nurdianra, RDI Gender Officer

I had the opportunity to collect data for two projects, Gender Equality and Social Inclusion (GESI) Assessment for SNV and e See Equal: Transforming Gender Norms among School Children for STC. From 4<sup>th</sup> May until 16<sup>th</sup> May I went to Bandar Lampung, Metro and Tasikmalaya, and on 3<sup>rd</sup> week of May and 1<sup>st</sup> week of July, I did field observation in Bandung Districts. Both projects are related to gender equality, one related to WASH issues and the other one is related to health education in school. Became part of team member for this project give me new experience and improve my capacity building as novice researcher. The SNV project gives me insight about how hard for social inclusion group to access WASH issue in several areas in program areas. And the STC project provided me new experience and broader knowledge about gender in various level (students, teacher and parents) as gender researcher in RDI. These issue also quite interesting for me, because those students are influenced by internet and gadget. Based on my observation, because of the internet influenced those students learned several things before they allowed it. This can called as negative impact for them and needs further action.



## Survey and Filming

Dinda, RDI Grants Officer

In the middle of May 2008, one of RDI fellow from Coventry University and his colleague from Seismic Cities Team came to Bandung, conducted an initial survey for Bandung Seismic Project. Bandung Seismic Project is

an interdisciplinary research about resilience in Bandung and its surrounding as a city prone to earthquake hazard with Lembang Fault as the main source. Mainly I assisted Emma, the visual artist in filming local people in some prone areas. The film tells how a precious life could be destroyed immediately by one disaster occurrence. This is my first field visit as RDI researcher, and I have learned some stuffs too. Without preparation and preparedness, a disaster could mercilessly destroy everything on the surface. The local people in the prone areas do not have much choices to consider even if they know their residency is at risk, and they usually don't take it seriously until it happened.

## Visiting Tasikmalaya

Sania, RDI Outreach Officer

I did field survey for climate vulnerability and resilience (CVR) for SNV in Tasikmalaya City from 14-16 May 2018. In general, this project analyse upstream and downstream interactions and how these are impact



waster, sanitation, and hygiene (WASH) conditions and service provision in the city. This project really related to my major so it help me to deepen my understanding of the possible climate vulnerabilities of WASH service. I also had a chance to interviewed the staff of public health agency and discuss the existing Tasikmalaya City's WASH infrastructures and public sanitation behaviour and habit, future challenge to be faced by government itself. The discussion went well and it's really broadening my sight about Tasikmalaya City's issue related to the WASH aspect and also how public sanitation behaviour and habit involved the development of WASH infrastructures. Can not wait for another experience in other project!

## Participating in Climate Resilient Sustainable Livelihood & Climate Smart Disaster Risk Management Seminar

Praditya Adhitama, RDI Research Specialist

On 5th of May, I had the opportunity to represent RDI in an interactive-seminar held by Oxfam Indonesia. The seminar was held in Lombok with the theme of "Climate Resilient Sustainable Livelihood and Climate Smart Disaster Risk Management". The event was participated by The Major of Bima City accompanied by other local government representations from Lombok Island, national & international NGO representatives, as well as community groups that are partnering with Oxfam. From government to the local community, the event showcased many promising efforts on dealing with climate change and natural disaster issues. Involved in such an inspiring event has made me realize that various efforts have been done by the society to deal with disaster and climate change impact. These efforts are pioneered by small communities and to gain massive benefit, escalation to bigger audience is needed. Thus, I strongly believe that this potency should be developed more to get a greater impact through community collaboration and active support from the government.



# Eid Mubarak

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## New RDI Member

### New Fellow

**Intan Adhi Perdana Putri**

Institute of Sciences LIPI

**Luh Kitty Katherina**

Institute of Sciences LIPI

**Aulia Hariz**

Wageningen University

**Kamelia Octaviani**

Institute of Technology Bandung

**Iva Yenis Septiariva**

Institute of Technology Bandung

**Asirin**

Institute of Technology Sumatera

**Yuni Lisafitri**

Institute of Technology Sumatera

**Merza Rahmawati**

Lampung University

**Aflian Dedy**

IOM Myanmar

**Robert Edison Nufninu**

ChildFund

**Wieka Dzurriyah Nur**

PT. Bank Mandiri

**Pribasari Damayanti**

PT. Sejahtera 15

### New Staff

**Dinda Primazeira**

Grants Officer

**Jeeten Kumar**

Research Officer

**Sania Septiani**

Outreach Officer

### New Intern

**Max Anny Laura Pardede**

Institute of Technology Sumatera

**Wido Wibisono**

Institute of Technology Sumatera

**Arif Ramadhan**

Institute of Technology Sumatera

**Ima Rianida Hutagalung**

Institute of Technology Sumatera

**Alhamidi**

Institute of Technology Sumatera

**Monica Vira Ajeng Kristanti**

Parahyangan University

**Donny Sihalo**

Institute of Technology Bandung

## New Publication and Working Paper

**Gan, D. K. W., Loy, A. C. M., Chin, B. L. F., Yusup, S., Unrean, P., Rianawati, E., & Acda, M. N. (2018).** Kinetics and Thermodynamic Analysis in One-Pot Pyrolysis of Rice Hull using Renewable Calcium Oxide based Catalysts. *Bioresource technology*.

**Loy, A. C. M., Gan, D. K. W., Yusup, S., Chin, B. L. F., Lam, M. K., Shahbaz, M., & Rianawati, E. (2018).** Thermogravimetric kinetic modelling of in-situ catalytic pyrolytic conversion of rice husk to bioenergy using rice hull ash catalyst. *Bioresource technology*, 261, 213-222.

**Unrean, P., Fui, B. C. L., Rianawati, E., & Acda, M. (2018).** Comparative techno-economic assessment and environmental impacts of rice husk-to-fuel conversion technologies. *Energy*, 151, 581-593.

**Tarigan, A. K. M., Sukor, N. S. A. S. (2018).** Consistent versus inconsistent behaviour of helmet use among urban motorcyclists in Malaysia. *Safety Science*, 109, 324-332

**Lovett, T.G., Sagala, S., Sasongko, M. A. (2018).** The Potential for Analysing How Small-Scale Farmers Choose Burning as a Land Clearing Strategy in South Sumatera. *RDI Working Paper Series*, 1.

**Mori, M., Sagala, S., Wulandari, Y. (2018).** Mt Sinabung and the Karo: How Cultural Aspects Shape Resilience. *RDI Working Paper Series*, 2.

**Zheng, C., Sagala, S., Alberdi, H. A., Tahir, A. M. (2018).** Navigating the infinite timeline: Social integration of refugees in long-term transit. *RDI Working Paper Series*, 3.



## AWARD

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

- Ramanditya Wimbardana for being accepted as PhD student on Sustainability Science in UNU IAS, Tokyo, Japan
- Praditya Adhitama for participating at Climate Resilient Sustainable Livelihood & Climate Smart Disaster Risk Management Seminar, in Mataram, Indonesia

## 2018 Internship Opportunity

Until 2017, RDI received 38 interns from 18 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 2018, we open internships on topics related to:

- (1) Bandung Seismic City;
- (2) Bio-digester Innovation for Biogas;
- (3) Child Protection;
- (4) Gender Equality;
- (5) Renewable Energy as an Opportunity for Livelihood;
- (6) Urban Heat Island; and
- (7) Hygiene Management in School

Interns at Resilience Development Initiative will be faced with many prominent research studies ranging from national to international scale. Internship period is April - September 2018.

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