

## Mentoring for Resilience

### Education Sandpit Extension Activity



### Sandpit event discussion and reporting

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## **Mentoring for Resilience**

### Education Sandpit Extension Activity

On March 30, 2019, an event titled "Mentoring for Resilience" was held in Ateneo de Manila University (ADMU) as part of the agenda of the Erasmus+ funded CABARET (Capacity Building in Asia for Resilience Education) Project workshop in Manila, Philippines last March 25-30, 2019 titled "3rd International Workshop on Multi-hazard Early Warning and Resilience Building in Coastal Communities". This mentoring activity is in line with the extension event proposed under the Sandpit on Enhancing Disaster Resilience Education in Asia. The event was co-sponsored by the Departments of Biology and Environmental Science of the School of Science and Engineering, Ateneo de Manila University, and the Climate Change and Disaster Risk Program of the Ateneo Institute of Sustainability.

The event was held to provide opportunities for graduate students working on disaster risk and resilience (DRR) to share their research and practice, and to have one-on-one sessions with the disaster resilience experts of the CABARET project. CABARET experts who served as mentors during the activity include Dr. Spec. Ruben Paul Borg (University of Malta, Malta), Prof. Ranjith Dissanayake (University of Peradeniya, Sri Lanka), Prof. Richard Haigh (University of Huddersfield, United Kingdom), Dr. Harkunti P. Rahayu (Institut Teknologi Bandung, Indonesia), and Prof. Boyko Rangelov (Sofia University of Mining and Geology, Bulgaria). Mr. Glenn S. Banaguas, Executive Director of the Environmental and Climate Change Research Institute (ECCRI) of De La Salle Araneta University, who was invited to give a keynote speech on "Climate Smart Philippines: HEIs and Policy Actors" also served as a mentor during the one-on-one session.

The student participants selected among those who submitted abstracts had the opportunity to deliver a 10-minute presentation on their DRR study and ideas in the morning. All twenty (20) student participants were matched with the experts based on their DRR interests and the expert's specialization. In the afternoon, they dialogued with the experts during the one-on-one mentoring session. Other experts and participants from the CABARET consortium were also present during this extension activity, and participants had the opportunity to interface with them during tea breaks. As the event is open to public, walk in participants also had the opportunity to interact with the experts and students. Several of the student participants represent socio-economic actors, thus the event is also in line with the objectives of CABARET Work Package 6.

Aside from the student presentations and mentoring sessions, the event also featured a campus tour highlighting ADMU's initiatives on disaster preparedness and resilience, including a tour of buildings that underwent structural assessment and strengthening, container vans with DRR equipment and stockpile, and viewdeck overlooking the West Valley Fault.

Through the event evaluations, student participants expressed how strongly they agreed that the event helped build networks and connections among practitioners, researchers, and students in DRR. They also strongly agreed that they were able interface with DRR experts and engage in a conversation with them, gain insights in DRR relevant to their work/studies through the event, and that the speakers and experts presented information and ideas that helped enhance their knowledge and ideas on building resilience.



All the participants during the event “Mentoring for Resilience” held in Ateneo de Manila University, March 30, 2019.



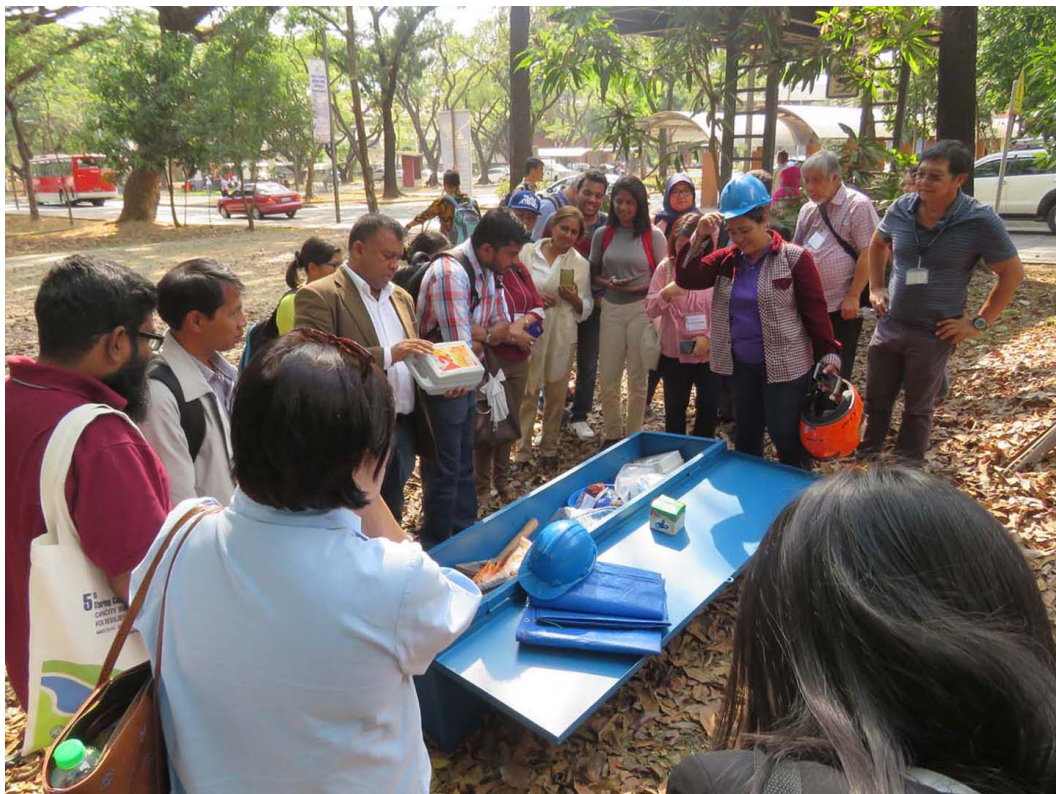
Mr. Glenn Banaguas delivering the Keynote Speech titled "Climate Smart Philippines: HEIs and Policy Actors". Mr. Banaguas is awarded as an Outstanding Young Scientist (OYS) of the Philippines for Environmental Management, US-ASEAN Fellowship for Science and Technology Alum, Chair of the ASEAN Science Diplomats European Union (EU)-Asia Climate Diplomat, and the Executive Director of the Environmental and Climate Change Research Institute (ECCRI) of De La Salle Araneta University.



One of the student participants presenting his study on work on "Earthquake and flood hazard risks assessment using Monte Carlo Analytic Hierarchy Process (MCAHP)".



Another student presenting his study on "Sustainable business towards urban flooding in Makassar City".



The participants visiting a container van with DRR equipment and stockpile as part of the campus tour.



The participants in the viewdeck overlooking the West Valley Fault as part of the campus tour.



One-on-one mentoring session of a student with Dr. Spec. Ruben Borg.



One-on-one mentoring session of a student with Dr. Harkunti Rahayu.



One-on-one mentoring session of a student with Prof. Boyko Ranguelov.

**Mentoring for Resilience  
Student Presentations**

Presentation Title	Presenter
Earthquake and flood hazard risks assessment using Monte Carlo Analytic Hierarchy Process (MCAHP)	Engr. Michael Almeida, Doctor of Philosophy in Civil Engineering specialized in Construction Technology and Management, De La Salle University, Philippines
Integrating Resilience with the BERDE Rating System	Arch. Levy Canaleta, Master in Disaster Risk and Resilience, Ateneo de Manila University, Philippines
Alternative Temporary Shelter Designs of the MOVE-UP Project (Phases 1-2)	Mr. Francis Urcia, Master in Disaster Risk and Resilience, Ateneo de Manila University, Philippines
Application of systems thinking for the analysis and management of the flood issues of Pampanga	Mr. Zacarias Daniel Baricuatro, Master in Disaster Risk and Resilience, Ateneo de Manila University, Philippines
Local indigenous knowledge-contingency planning nexus in the comprehensive disaster risk reduction around Mayon volcano	Ms. Rachelle Anne Miranda, Office of Civil Defense, Master in Disaster Risk and Resilience, Ateneo de Manila University, Philippines
Identification of local institutional networks prior to the disaster as an effort to increase local capacity of Padang	Mr. Mohd Abi Rafdi, Master of Urban and Regional Planning, Institute Technology of Bandung, Indonesia
Sustainable business towards urban flooding in Makassar City	Mr. Idham Andi Asman, Master of Urban and Regional Planning, Institute Technology of Bandung, Indonesia
Job satisfaction of disaster responders: The response operation for the APEC Economic Leaders' Meeting 2015	Mr. Joe-Mar Perez, Office of Civil Defense, Master in Disaster Risk and Resilience, Ateneo de Manila University, Philippines
Nandito Pa Rin Kami: Learning from Narratives of Filipino Disaster Survivors Years after a Disaster	Mr. Jun Angelo Sunglao, Master of Arts in Counselling Psychology, Ateneo de Manila University, Philippines

### Student Participants' Institution, Degree, and DRR Work and Interests

School	Degree	Work; DRR topics of interest
Ateneo de Manila University	Master of Arts in Counselling Psychology	Disaster psychology, narratives of disaster survivors, resilience of aid workers
Ateneo de Manila University	Master in Disaster Risk and Resilience	Works in Provincial Disaster Risk Reduction and Management Office, Pampanga; Geologic hazard analysis, City Land Use Plans, GIS, preparing DRRM plans
Ateneo de Manila University	Master in Disaster Risk and Resilience	Licensed Architect; Resilient architecture, Incorporate resilience in BERDE planning
Ateneo de Manila University	Master in Disaster Risk and Resilience	Works in Office of Civil Defense; Post-conflict recovery, cluster approach in rehabilitation and recovery
Ateneo de Manila University	Master in Disaster Risk and Resilience	Works in Provincial Disaster Risk Reduction and Management Office, Batangas; Health, safety and disaster management
Ateneo de Manila University	Master in Disaster Risk and Resilience	Disaster risk reduction in jail management
Ateneo de Manila University	Master in Disaster Risk and Resilience	Works in Office of Civil Defense; Nationwide policies in DRR, developing course packages on DRR disaster response
Ateneo de Manila University	Master in Disaster Risk and Resilience	Works as a Social Entrepreneur; Eco-friendly disaster resilience panels for structures, policy analysis and appraisal, economic evaluation
Ateneo de Manila University	Master in Disaster Risk and Resilience	Vice President of a Bank; Sharing of disaster survivor experience, disaster mitigation, disaster resilience
Ateneo de Manila University	Master in Disaster Risk and Resilience	Emergency relief, architectural design for disaster, ground level work and grassroots initiatives that have a strong tie-in with urban planning and design, and technical innovation
Ateneo de Manila University	Master in Disaster Risk and Resilience	Works in Department of Science and Technology; Use of satellite imageries for disaster mitigation, post-disaster damage assessment, and to build resilience
Ateneo de Manila University	Master of Science in Computer Science	Incorporating computer science in DRR
Bataan Polytechnic State University	Master in Public Administration	Works in Provincial Disaster Risk Reduction and Management Office, Bataan; Disaster preparedness
De La Salle University	Doctor of Philosophy in Civil Engineering specialized in Construction Technology and Management	Licensed engineer; Disaster risk reduction in the construction sector, risk assessment tool, resilient structures
De La Salle University	Doctor of Philosophy in Industrial Engineering	Systems Theory, disaster risk reduction;

De la Salle University Manila	Doctor of Philosophy in Civil Engineering	Licensed Engineer; Resilient hospitals
De La Salle University Manila	Master of Science in Civil Engineering	Community resilience, Building fragility analysis, resilience assessment for school infrastructure against seismic, wind and flood hazards
Institut Teknologi Bandung	Urban and Regional Planning	Social network analysis on hazards and disasters
Institut Teknologi Bandung	Urban and Regional Planning	Urban flooding, survey and field study on coastal urban agglomeration resilience, business resilience, urban and spatial planning
University of the Philippines-Diliman	Master of Science in Geography	GIS in DRR, determining vulnerable resource areas, disaster narratives