

APRU MH2015 INTERNATIONAL SYMPOSIUM

OVERALL PROGRAM

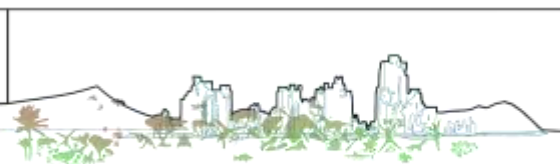
DAY 0: October 7 – Public Event (Launch of Resilience Game Tournament, Quezon Hall Lobby)

15:00 PM to 18:00 PM

3:00 to 3:30 PM	Registration	APRU Secretariat / BaR C2 Team
3:31 to 3:40 pm	Welcome Remarks	Dr. Benito M. Pacheco <i>Vice Chancellor for Academic Affairs University of the Philippines Diliman, & BaR Program Head</i>
3:41 to 4:00 PM	Background and Introduction of Resilience: Survive and Thrive™ Card Game	Dr. Laura T. David <i>Project Leader Biodiversity and Resilience - C2 University of the Philippines Diliman</i>
4:01 to 4:30 PM	Launching of Paladino't Paladina: A Resilience: Survive and Thrive™	Dr. Elena E. Pernia <i>Tournament Co-Project Leader Biodiversity and Resilience - C2 University of the Philippines Diliman</i>
4:31 to 5:30 PM	Playing the game	BaR C2 Team
5:31 to 5:45 PM	Awarding of prizes to winners	Dr. Laura T. David <i>BaR C2 Project Leader</i> Dr. Benito M. Pacheco <i>BaR Program Head</i> Dr. Elena E. Pernia <i>BaR C2 Co-Project Leader</i>
5:21 to 5:30 PM	Closing Remarks	Ms. Cheryl C. Torrado <i>Program Director (Global Leadership) Association of Pacific Rim Universities</i>
5:31 to 7:00 PM	Merienda	

Welcome Dinner hosted by President Alfredo E. Pascual at the Executive House.

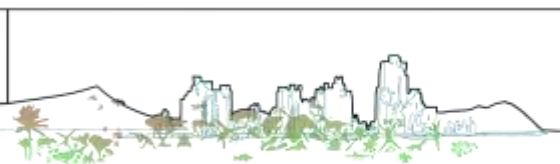
19:00 PM to 21:00 PM



DAY 1: October 8 – Oral and Poster Presentations
(Microtel by Wyndham, Technohub, UP Diliman QC)

Time	Activity
8:30-9:00	Registration
9:00-9:55	Inaugural Ceremony Message from Dr. Gisela P. Concepcion, Vice-President for Academic Affairs, University of the Philippines
9:55-10:00	Premiere of original musical composition for chorus and percussion by Dr. Ramon P. Santos with poetry by Dr. Gemino H. Abad.
10:00-10:40	Keynote Addresses Prof. Toshio Yamagata, Japan Agency for Marine-Earth Science and Technology Chancellor Michael L. Tan, University of the Philippines Diliman
10:40-10:45	Group Photograph
10:45-11:00	Coffee Break
11:00-12:00	Plenary Session 1 Presentations on APRU & APRU Multi-Hazard Program Ms. Cheryl C. Torrado, Program Director (Global Leadership) APRU Prof. Takako Izumi, IRiDeS, Tohoku University Prof. Supot Teachavorasinskun, Chulalongkorn University: <i>Building a flood resilient community; A case study from 2011 Thailand devastated flood</i> Prof. Kuniyoshi Takeuchi, International Center for Water Hazard and Risk Management. Session Chair: Dr. Benito M. Pacheco
12:00-13:00	Lunch
13:00 – 15:00	Parallel Sessions 1
	Session 1A: Understanding disaster risk and risk factors (6 papers) Session Chair: Dean Elena E. Pernia
	Session 1B: Effects of natural hazards on exposed elements (6 papers) Prof. Rhodora M. Gonzalez
	Session 1C: Identifying & quantifying multi-hazard exposure 1 (6 papers) Session Chair: Prof. Mark Albert H. Zarco
15:00 – 15:30	Coffee Break
15:30 – 16:30	Plenary Session 2 Dr. Renato U. Solidum, PHIVOLCS Prof. Alfredo Mahar F. Lagmay, Project NOAH Prof. Lei Yan, Peking University Session Chair: Prof. Carlo Primo C. David/Co-Chair: Prof. Elenita N. Que
16:30 - 17:30	Poster Session: Session Chair: Dean Leonardo C. Rosete (10 posters)
17:00 – 18:00	APRU MH Core Group and UP Meeting
18:00 – 19:30	Conference Dinner

Overall Moderator: Dean Elena E. Pernia



DAY 2: October 9 Oral Presentation
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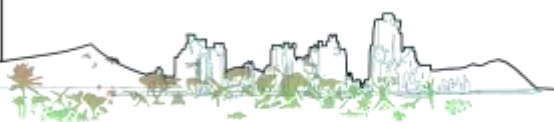
Time	Activity
8:30 – 9:00	Summary of the first day(Dr. Umali)
9:00- 10:00	Plenary Session 3 Prof. Yuichi Ono, IRIDeS, Tohoku University Undersecretary Alexander Pama, Executive Director, NDRRMC Dean Felino P. Lansigan, College of Arts and Sciences, UP Los Baños Session Chair: Prof. Aurora Odette C. Mendoza
10:00-10:05	Group Photograph
10:05-10:30	Coffee Break
10:30-12:30	Parallel Sessions 2
	Session 2A:Communities of Interest, Sectors of concern, and Elements of interest (6 papers) Session Chair: Dean Mario Delos Reyes
	Session 2B : Enhancing Disaster Preparedness for Effective Response 1 (6 papers) Session Chair: Prof. FlaudetteMay V. Datuin(1 reserved)
	Session 2C: Investing in DRRM for resilience& sustainability (6 papers) Session Chair: Dean Prof. Ramon L. Clarete/Prof. Grace C. Ramos
12:30-13:30	Lunch
13:30 – 15:30	Parallel Sessions 3
	Session 3A:“Build Back Better” in recovery, rehabilitation and reconstruction (6 papers) Session Chair: Prof. Laura T. David (1 reserved)
	Session 3B:Identifying & quantifying multi-hazard exposure 2 (6-papers) Session Chair: Prof. Jaime Y. Hernandez, Jr.
	Session 3C: Enhancing Disaster Preparedness for Effective Response 2 (6 papers) Session Chair: Prof. Aleli B. Bawagan
15:30 – 16:00	Coffee Break
16:00 - 17:00	Plenary Session 4 Prof. Perry S. Ong, UP Diliman Prof. JC Gaillard, University of Auckland Dr. German Velasquez, UNISDR Geneva Session Chair: Dr. Rhodora V. Azanza
17:00 – 17:30	Closing Ceremony Summary of Proceedings by Benito M. Pacheco, UP Diliman

Overall Moderator: Dean Elena E. Pernia

DAY 3: October 10 – Technical Tour (optional; by separate registration)

6:00 AM to 6:00 PM Taal Volcano and its vicinity.

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Session 1A: Understanding Disaster Risk and Risk Factors

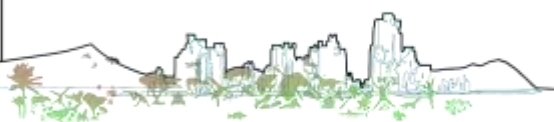
Session Chair: Dean Elena E. Pernia

13:00 – 15:00

8 October 2015

	Title	Presenter
1	Modeling risk behavior: Disaster Schema and the role of information	Kristofer Berse
2	An ordinal regression approach to understand earthquake risk perception	Kristofer Berse
3	Bangkok's Unplanned Development: Shaping Vulnerability to the 2011 Floods	Danny Marks
4	Need for Holistic Flood Risk Management: Case of Pasig-Marikina River Basin of Metro Manila	Guillermo Tabios
5	Understanding risk and coping in the context of disaster evacuation in Central Philippines	Soledad Dalisay
6	Earthquake Preparedness Literacy (EPL) among Residents of Barangay Barangka in Marikina City	Christine Cox

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Session 1B: Effects of Natural Hazards on Exposed Elements

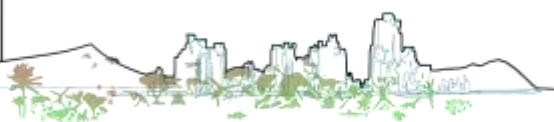
Prof. Rhodora M. Gonzalez

13:00 – 15:00

8 October 2015

	Title	Presenter
1	A Novel Tsunami Simulation by Lattice Boltzmann Method for Shallow Water Equations	Kenta Sato
2	Building damaged detection using ALOS-2/PALSAR-2 dual polarimetric SAR intensity imagery	Yanbing Bai
3	Pushover Analysis of Reinforced Concrete Columns Using Rigid Body Spring Discrete Element Method	Romeo Longalong
4	Super Typhoon Haiyan (Yolanda) Ocean Surface Wind: Satellite Scatterometry derived wind speed and WMO Storm Surge Wave Equation	Ruben Lim
5	Post-Yolanda Mangrove Rehab	Jonathan Anticamara
6	Neglected disasters in a neglected space: Implications and challenges of DRR	Jake Cadag

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Session 1C: Identifying & Quantifying Multi-Hazard Exposure 1

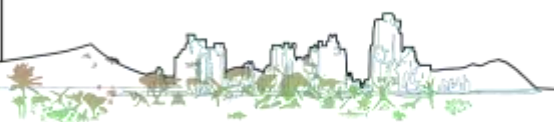
Session Chair: Prof. Mark Albert H.Zarco

13:00 – 15:00

8 October 2015

	Title	Presenter
1	Application of GIS-based Logistic Regression Modelling for Landslide Susceptibility Assessment of Antipolo, Rizal Philippines	Jaime Angelo Victor
2	Wind Vulnerability Assessment of a Standard School Building in Tacloban using Reliability-based modeling	Liezl Raissa E. Tan
3	Quantification of Flood Vulnerability of Key Building Types in the Greater Metro Manila Area, Philippines	Raniel Suiza
4	Quantifying Typhoon Hazards: Historical Wave Overtopping along Roxas Boulevard Seawall	Eric C. Cruz
5	Simulative Analysis of Storm Tide Levels along Roxas Boulevard Seawall	Jeane B. Camelo
6	Estimating Typhoon Haiyan's Wind Speeds Using Windicators	Joshua Agar

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Session 2A: Communities of Interest, Sectors of Concern, and Elements of Interest

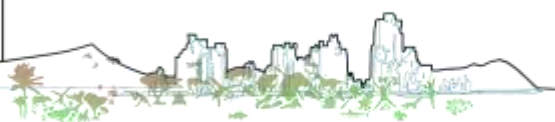
Session Chair: Dean Mario Delos Reyes

10:30 – 12:30

9 October 2015

	Title	Presenter
1	Displacement Experiences of Students and Teachers after Typhoon Haiyan: Recommendations on Mental Health and Psychosocial Support within Academic Institutions	Ana Tuazon
2	Flood, Evacuate: Implication of Disasters to Women in an Evacuation Center in Brgy. San Vicente, Angono	Victor G. Obedicen
3	Building Sustainable and Disaster Resilient Informal Settlement Communities	Mario R. Delos Reyes
4	Exposure and Sensitivity Analysis of Disaster Risk Areas in Barangay Tumana, Marikina City as input to Barangay Development Planning	Nicasio Espina, Jr
5	A Strategic Model in Mainstreaming Disaster Risk Reduction (DRR) and Climate Change Adaptation (CCA) in Quezon City Comprehensive Land Use Planning (QC-CLUP), Philippines	Tabassam Raza
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Session 2B : Enhancing Disaster Preparedness for Effective Response 1 (6 papers)

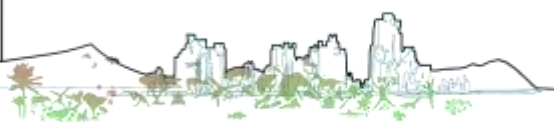
Session Chair: Prof. Flaudette May V. Datuin

10:30 – 12:30

9 October 2015

	Title	Presenter
1	Developing A Landslide Early Warning System As Input For BLISTT Disaster Risk Reduction Management	Florence Leslie Campolet
2	Tracking Yolanda: An exploratory study on government transparency	Rachel Khan
3	Development of a highly-performed tsunami evacuation simulation -Basic verification and validation in Kesennuma city, Tohoku, Japan -	Fumiyasu Makinoshima
4	Challenges in Developing National Guidelines for MHPSS under the Philippine DRRM Framework	Violeta Bautista
5	Lessons learned from Typhoon Haiyan and future challenges for Disaster Risk Reduction	Shuichi Kure

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Session 2C: Investing in DRRM for Resilience & Sustainability

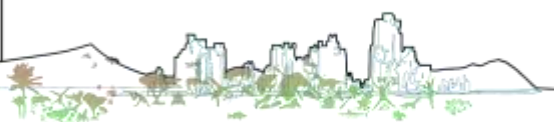
Session Chair: Prof. Maja-Leah V. Ravago

10:30 – 12:30

9 October 2015

	Title	Presenter
1	Enhancing Education Resilience at the Disaster-Affected Schools through Learning from the Disaster Experiences: A Case of Ishinomaki City in Japan	Aiko Sakurai
2	Risk Drivers vs. Game Changers: Comparative Frames of Local Practices of Resource Management and Disaster Risk Reduction and the Sendai Framework	Sarah Raymundo
3	Harnessing Participatory and Community-Based Approach in Disaster Recovery Planning in Areas Affected by the Earthquake in Bohol	Emmanuel M. Luna
4	Continuing Post-Pinatubo Resilience and Biodiversity Activities among Aytas	Cynthia N. Zayas
5	Vulnerability assessments of coral reef fishes and small-scale fisheries: Building resilience through ecosystem approach to fisheries management	Antonio Samuel Mamauag

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Session 3A: “Build Back Better” in Recovery, Rehabilitation and Reconstruction

Session Chair: Prof. Laura T. David

13:30 – 15:30

9 October 2015

	Title	Presenter
1	Tacloban Post-Yolanda, Unprecedented Post Disaster Housing Relocation	Liz Maly
2	The Recovery of the Survivors of Mount Pinatubo Eruption of 1991 in Tokwing Resettlement	Lucille Quiambao
3	Mainstreaming of Climate change and Risk	Nora Diaz
4	Building back better: the Guiuan and Panay experience	Geraldine Matabang

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Session 3B: Identifying & Quantifying Multi-hazard Exposure 2

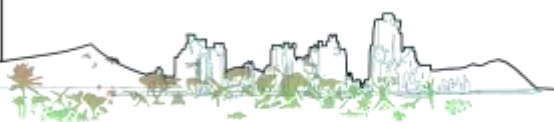
Session Chair: Prof. Jaime Y. Hernandez, Jr./Prof. Mark Albert H. Zarco

13:30 – 15:30

9 October 2015

	Title	Presenter
1	Research on Disaster-related Infectious Disease after Great Tohoku Earthquake at International Research Institute for Disaster Science at Tohoku University. .	Toshio Hattori
2	Ambient Vibration Measurement and System Identification of a Lattice-type Telecommunication Tower	William Mata
3	Seismic Risk Assessment of UPLB Campus	Richelle Zafra
4	Model of the Typhoon Haiyan storm surge and exposure of Leyte Gulf to storm surges	Cesar L. Villanoy
5	Accounting for multi hazards in the preliminary engineering of an archipelagic beach pier	Eric C. Cruz
6	Computing the Inland Penetration of Historical Tsunamis along an Open Coastline	Eric C. Cruz

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Session 3C: Enhancing Disaster Preparedness for Effective Response 2

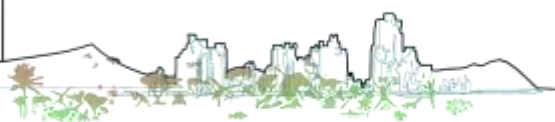
Session Chair: Prof. Aleli B. Bawagan

13:30 – 15:30

9 October 2015

	Title	Presenter
1	Development of a Robust and Rapidly Deployable GSM Base Station and Backhaul for Emergency Response (ROGER)	Joel Marciano
2	Weathering the storm: Developing a community-directed strategic communication plan for hydrometeorological disaster preparedness	Lagman, Angelo
3	Establishing a Network on Earthquake Monitoring and Disaster Preparedness Through Volunteer Computing and Simulation Games	Rafael Saldaña
4	Real-time Disaster-Emergency Information Collected and Decision System with UAV-Mobile Vehicle	Lei Yan

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Poster Session

8 October 2015

16:00 to 17:30

	Title	Presenter
1	A PRACTICAL APPLICATION OF A CHILDREN'S DISASTER EDUCATION PROGRAM IN THE PHILIPPINES	M. Yasuda
2	Field Survey and Analysis of Damaged School Buildings by the 2013 Typhoon Haiyan and Storm Surge	Anawat Suppasri
3	Geospatial database development and disaster risk management: Case of Typhoon Haiyan, the Philippines	Carine J. Yi
4	Investigation of Pesticide Malathion Contamination in Pagsanjan, Lumban Watershed, Philippines	Erwin Quimbao
5	Geometric Modification of Gable Roof for Low-Rise Buildings to Reduce Wind Demand	Julian Eymard Maliwang
6	Soil Profile Effects on Earthquake Ground Motion Amplification Using Actual and Derived Synthetic Earthquake Motion	Kristian Azul
7	Disasters and the public school system: Distribution and impacts	Claire David

LOCAL ORGANIZING COMMITTEE

Prof. Benito M. Pacheco
Chairman

Prof. Rhodora V. Azanza
Co-Chairman & Overall Coordinator

Members

Prof. Laura T. David
Prof. Carlos Primo C. David
Prof. Louie P. Balicanta
Prof. Jaime Y. Hernandez, Jr.
Prof. Grace C. Ramos
Prof. Elenita N. Que
Prof. Ramon L. Clarete
Dean Mario R. delos Reyes
Prof. Flaudette May D. Datuin
Dean Elena E. Pernia

Prof. Gerry Bagtasa
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