

Second International TWIN-SEA Workshop on

“Climate and Societal Change in Coastal Areas in Indonesia and South East Asia”

(Updated draft stand March 22, 2015)

GEDUNG PDII LIPI
Jl. Jend. Gatot Subroto 10, Jakarta,
Indonesia, March 23-24, 2015

Organized by:



**UNITED NATIONS
UNIVERSITY**

UNU-EHS

Institute for Environment
and Human Security



FRANZIUS-INSTITUTE
*for Hydraulic, Waterways
and Coastal Engineering*

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Day 1: Monday, 23rd of March 2015

08:30 – 09:00 Registration and welcoming coffee

I –Introduction to TWIN-SEA Project, Linking the Workshop to the Broader Strategic Planning

Moderator: Dr. Fabrice Renaud, **Rapporteur:** Ms Ayu Surtiari

09:00 **Welcome Address and Opening of the Workshop**

Prof. Dr. Iskandar Zulkarnain (LIPI)

09:15 **TWIN-SEA and Other Relevant Research Activities on Natural Hazards and Risk in Indonesia and Southeast Asia**

Prof. Dr. Torsten Schlurmann (FI)

09:30 **LIPI Medium-Term Strategies, Core Research Topics, and Contribution to Expert Network Building in South East Asia**

Dr. Siti Nuramaliati Prijono (LIPI) PRESENTATION

09:45 **Ongoing TWIN-SEA Activities and Guiding Questions For The Workshop**

Dr. Matthias Garschagen (UNU-EHS)

10:00 **State of the Art, Workshop Expectations, and Future Perspectives Related to E-Learning within TWIN-SEA**

Dr. Joerg Szarzynski (UNU-EHS)

10:15 **Group Picture**

-10:40 **Press Interview (VIP Room)**

Coffee/Tea break (25 minutes)

II – Programs and Activities on DRR and CCA at The National and Local Level in Indonesia

Moderation: Prof. Yekti Maunati, **Rapporteur:** Mr. Gabriel David

10:40 **Integration of DRR and CCA within the Indonesia National Mid-Term Development Planning 2014-2018**

Ms. Tri Dewi Virgiyanti (BAPPENAS)

10:50 **Latest Development on Indonesia Climate Change Adaptation Policy and Programs**

Mr. Arif Wibowo (Ministry of Environment)

11:00 **Indonesia Disaster Risk Reduction Policy, to Implement the Sendai Framework for Disaster Risk Reduction 2015-2030**

Mr. Lilik Kurniawan (BNPB)

11:10 **Climate Change and the Need for Adaptation**

Prof. Dr. Rizaldi Boer (CCROM IPB) PRESENTATION

11:20 **Development the Concept of Vulnerability Assessment in Indonesia for Natural and Climate Change Hazard: Challenges and Opportunities for Implementation.**

Dr. Herryal Z. Anwar / Ms. Emilia Yustiningrum (LIPI) PRESENTATION

11:30 **USAID DRR/CCA Programs in Indonesia**

Dr. Jennifer Jadin (USAID) PRESENTATION

11:40 **Q&A for the session (30 minutes)**

12:10-13:10 Lunch Break (1 hour)

Day 1: Monday, 23rd of March 2015 (continue)

III –STATE OF THE ART OF WORKING GROUP II: Vulnerability and Pathways for Adaptation

Moderation: *Prof. Torsten Schlurmann*, **Rapporteur:** *Dr Riyanti Djalante*

13.10 **Between Collapse and Transformation: Adaptation Pathways in Coastal Megacities (Skype)**

Prof. Dr. Mark Pelling (King's College London) VIDEO

13.25 **Spatial Planning and Risk Reduction: Lessons between Indonesia and Germany? (Skype)**

Prof. Dr. Joern Birkmann (University of Stuttgart)

13.40 **Q&A for the session (20 minutes)**

14:00 **Firms' Decision Making under Risk and Regional Adaptive Resilience in Indonesia**

Prof. Dr. Javier Revilla Diez / Mr. Thomas Neise (University Cologne)

14.15 **Dynamic Vulnerability in Jakarta: Drivers and Challenges in the Future**

Prof. Dr. Yekti Maunati (LIPI) / Ms. Ayu Surtiari (LIPI/UNU-EHS)

14.30 **Q&A for the session (15 minutes)**

14:45-15:00 Coffee/Tea break (15 minutes)

IV –STATE OF THE ART OF WORKING GROUP II: Vulnerability and Pathways for Adaptation (continue)

Moderation: *Dr Herry Yogaswara*, **Rapporteur:** *Ms. Syarifah Dalimunthe*

15.00 **DRR and CCA at Coastal Areas and Small Islands**

Dr. Hendra Yusran Siry (MAAF)

15.15 **The Relationship between Ethnic Heterogeneity/Homogeneity and the Effectiveness of Collective Coping Capacity to Environmental Risk in Selected Slums in Jakarta**

Mr. Iker Urdangarin Meabe (UNU-EHS/University of Bonn)

15.25 **Water Resources In Megacities: Virtual Water Flows and Consumption Economies**

Ms. Lisa-Michelle Bott / (University Cologne)

15.35 **Q&A for the session (25 minutes)**

V –Summary of discussions in day 1

Moderation: *Dr. Matthias Garschagen*, **Rapporteur:** *Mr. Antoni Ros Martinez*

16:00 **Joint discussions**

– **Plan for day 2**

17:00 *Dr. Matthias Garschagen (UNU-EHS)*

End of Day 1

Day 2: Tuesday, 24th of March 2015

I - Opening

08.30 **Overview of the day**

Dr. Matthias Garschagen (UNU-EHS)

II – DRR and CCA Activities in Indonesia

Moderation: *Prof Gadis Sri Haryani* **Rapporteur:** *Mr. Iker Urdangarin Meabe*

09:00 **Private Actors involvement in DRR and CCA**

Mr. Indrajah Sentil (NAUE GmbH & Co. K)

09.10 **REDD+ in Indonesia**

Mr. Heru Prasetyo (Former Head of Indonesia National REDD+ Agency)

09:20 **Development of Disaster and Climate Resilient Cities in Indonesia**

Prof. Dr. Jan Sopaheluwakan (ISURI – UI)

09:30 **Progress of Integrating DRR and CCA**

Ms. Malikah Amril (UNDP)

09.40 **BMKG Climate Change Adaptation Programs and Activities**

Prof. Dr. Edwin Aldrian (Director of the Center for Research and Development - BMKG)

09:50 **ACCCRN Program in Indonesia**

Ms. Aniessa Delima Sari (Mercy Corps Indonesia)

10.00 **Q&A for the session (35 minutes)**

10:35 - 10:50 Coffee Break (15 minutes)

III – STATE OF THE ART OF WORKING GROUP I: Ecosystem-based Disaster Risk Reduction

Moderation: *Dr Fadjar Lubis*, **Rapporteur:** *Ms. Lisa Michelle-Bott*

10:50 **How are Decision on Eco-DRR taken in Indonesia: Preliminary Results from a Survey Carried Out with National and Local Level Administrations**

Dr. Fabrice Renaud (UNU-EHS)

11.05 **Building Resilience in Coastal Areas. Analysis of the Different Measures Implemented in TimbulSloko, Pilot Scenario for Demak Regency and Java's North Coast**

Mr. Antoni Ros Martinez (UNU-EHS)

11:20 **Climate Change and Water Issues**

Prof. Dr. Robert Delinom (LIPI)

11.35 **Proposed Initiatives to Understand the Performances and Limitations of Ecosystem Services, and to Conserve Ecosystem Services to Minimize Disaster Risk**

Dr. Heru Santoso (LIPI)

11:50 **An Overview of Ecosystem-Based and Low-Regret Coastal Protection Measures In DRR**

Mr. Gabriel David (FI) / Mr. Johan Risandi (MAAF)

12:10 **Q&A for the session (50 minutes)**

13:00 - 14:00 Lunch Break

Day 2: Tuesday 24th of March 2015 (continue)

IV –Break Out Group Session (WG I, II, III) (2 hours 30 minutes)

- 14.00 **Working Group Discussions (2 hours)**
Led by Group Leader / Coordinator
- 16.00 **Coffee Break (10 minutes)**
- 16.10 **Reporting (10 minutes for each WG, total 30 minutes)**

V – Closing Remarks

Moderation: Dr. Matthias Garschagen, **Rapporteur:** Ms. Ayu Surtiari

- 16:40 **Achievements and Way Forward for TWIN SEA network**
- **Closing Statements: LIPI, FI, UNU,**
- 17:00

End of Workshop

Abbreviation

| | |
|-----------|---|
| BAPPENAS | National Development Planning Agency |
| BMKG | Bureau of Meteorology, Climatology, and Geophysics |
| BNPB | National Disaster Management Agency |
| CCROM-IPB | Center for Climate Change Research, Bogor Agriculture Institute |
| FI | Franzius Institute for Hydraulics, Waterways and Coastal Engineering |
| I3URI | Indonesia International Institute for Urban Resilience and Infrastructure |
| LIPI | Indonesia Institute of Science |
| MAAF | Department of Marine Affairs and Fisheries |
| UI | University of Indonesia |
| UNDP | United Nation Development Program |
| UNORCID | The United Nations Office for REDD+ Coordination in Indonesia |
| UNU-EHS | United Nation University – Institute for Environment and Human Security |

Notes to Presenters:

- For those with 15 minutes presentation, 15 slides maximum please
- For those with 10 minutes presentation, 10 slides maximum please
- Please outline input for discussion rather than detailed discussion
- Make reference / answer the following cross cutting questions,
 1. How do the findings of your presentation relate to the work within TWIN-SEA?
 2. Which are the most pressing remaining knowledge gaps in the field you presented on?
 3. To what extend are the problems and issues raised by you related to gaps in knowledge or rather challenges with implementation and law enforcement? In other words, what can science contribute to the next steps of tackling the problems you referred to?

WORKING GROUPS 1, 2,3

| Coastal hazard, risk, and vulnerability assessment (Ecosystem-services) | <i>Socio-economic vulnerability and risk (incl.scenarios), development pathways, societal change</i> | Coastal management and low-regret adaptation | Role of educational activities (e.g. E-learning) in promoting DRR&CCA |
|---|--|---|--|
| | Identification of problems / questions | | |
| | State of the art and knowledge gaps | | |
| | Resulting research questions | | |
| Workplan for potential collaboration: who (institutions/persons), what (research object), how (methods/data available), where (case studies), timeframe, expected outcomes, other potential collaborators | | | |
| Moderators: Dr.Fabrice Renaud, Dr. Heru Santoso | Moderators: Prof. Dr. Yekti Maunati, Dr. Joern Birkmann, Dr. Robert Delinom, Matthias G. | Moderators: Prof. Torsten Schlurmann, Dr. Augy Syahailatua | Moderators: Dr. Joerg Szarzynski, Dr.Erick Tambo, Dr. Rachmat Fajar Lubis |