

## Third International TWIN-SEA Workshop

***“Low-Regret Adaptation for Social Transformation and Policy Changes on Climate and Disaster Risks in Coastal Areas in Indonesia and South East Asia”***

**PDII LIPI Building, 2<sup>nd</sup> Floor**  
**Jl. Jend. Gatot Subroto 10, Jakarta,**  
**Indonesia, March 14-15, 2016**

Organized by:



Supported by:



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**AGENDA**  
**THIRD TWIN SEA WORKSHOP:**  
**Low Regret Adaptations for Social Transformation and Policy Changes**  
**on Climate and Disaster Risks in Coastal Areas in Indonesia and South East Asia**  
**14-15 March 2016**  
**PDII - LIPI Building, 2nd floor, Jln Jend. Gatot Subroto. No. 10 Jakarta, Indonesia**

Venue: PDII Seminar Room

Minutes	Start	End	Tentative Agenda	Speakers	Moderator & Rapporteur	Outcome
<b>Day 1 (14 March 2016)</b>						
45	8:00	8:45	<b>Registrations</b> <b>Welcoming Session</b>		Master of Ceremony: Ms. Pretty Prihati	
10	8:45	8:55	Overview of the Workshop: Framing Low Regret Adaptation Measures	Dr. Heru Santoso, M. App. Sc		
10	8:55	9:05	Updates on TWIN SEA phase 1	Dr. Matthias Garchagen		
10	9:05	9:15	Remarks from TWIN SEA Project Leader	Prof. Dr. Torsten Schlurmann		
10	9:15	9:25	Opening Address from Vice Rector for the United Nations University in Europe, and Director of UNU EHS	Prof. Dr. Jakob Rhyner		
10	9:25	9:35	Opening Address and Official Workshop Opening by Chairman of LIPI	Prof. Dr. Iskandar Zulkarnain		
15	9:35	9:50	Group Photo			
15	9:50	10:05	<b>Coffee Break</b>			
<b>Keynote Speeches</b>						
20	10:05	10:25	Managing Extreme Climate Risks Measures in an Ever-growing Megapolitan of Jakarta: Some Key Policy Questions to Science and Private Sectors	Governor of DKI Jakarta, Basuki Tjahaja Purnama, represented by Dr. Oswar Mungkasa	Moderator: Prof. Dr. Yekti Maunati, Rapporteur: Gabriel David, M.Sc	
20	10:25	10:45	Challenges and Future Outlook of Urban Resilience in Indonesia: Cross-Collaboration between Science, Policy and Private Sectors	Prof. Dr. Jan Sopaheluwakan		
20	10:45	11:05	Resilient City - A Disaster Assessment Tool to Optimize Urban Performance	Prof. Dr. Theo Kotter		
20	11:05	11:25	Managing Social Transformation in Disaster and Climate Change Context: Challenges and Future Outlook	Dr. Tri Nuke Pudjiastuti, MA		
45	11:25	12:10	Discussions			
60	12:10	13:10	<b>Lunch Break</b>			
5	13:10	13:15	<b>Panel Discussions: Addressing Policy Changes and Societal Transformation: Role of Science, Private Sector and Policy Makers</b>	(Panelists):	Moderator: Dr. Matthias Garschagen, Rapporteur: Gusti Ayu Ketut Surtiari, M.Si	<b>Introduction by Moderator. Panelist present triggering ideas in 7 minutes. The session would rely on a depth discussions</b>
7	13:15	13:22	1. Future outlook of Science and Technology cooperation between Indonesia and German for Disaster Risk Reduction and Climate Change Adaptation	Mr. Michael Rottman		
7	13:22	13:29	2. From Research to policy and practices: Perspectives from Ministry of Research, Technology and Higher Education, Director General of Research & Development	Dr. M Dimiyati		
7	13:29	13:36	3. Development of research capacities for Disaster Risk Reduction and Climate Change	Prof. Dr. Gadis Sri Haryani		
7	13:36	13:43	4. Livable Cities Projects: Ramboll/IMS (German Private Company)	Mr. Andreas Nitzschke		
7	13:43	13:50	5. Reducing Environmental Risks: Komatsu Indonesia	Mr. Rofiur Rutab		
45	13:50	14:35	Discussions			
15	14:35	14:50	<b>Coffee Break</b>			
20	14:50	15:10	<b>Priority &amp; Advanced Research Projects in LIPI</b>	Dr. Hery Yogaswara, Dr. Rahmat Fajar Lubis, Dr. Puspita Lisdiyanti, Dr. Anto Tri S, Dr. Agus Sukarto	Moderator: Prof. Dr. Gadis Sri Haryani	
20	15:10	15:30	Flashtalk: Motivations and Expectations of young scientists on multi-disciplinary studies of DRR and CCA in the future	Anggun Mayang Sari (Junior researcher in research center for Geotechnology), Syarifah Dalimunthe (junior researcher in Population Research Center), Prabowo Purwanto (Research Center for Physics)	Moderator: Dr. Hery Yogaswara	<b>Key questions: what are the imagined career paths of science in DRR and CCA, how to get the research interest across opportunities for science-based DRR and CCA capacity building</b>

5	15:30	15:35	<b>Working Group 2: Socio-Economic Vulnerability and Development Pathways</b>	Speakers:		<b>Introduction by Moderator</b>
10	15:35	15:45	1. Resilient City: Adaptation in urban communities and social planning for disaster risk reduction and climate changes	Prof. Dr. Johanis Haba	Moderator: Dr. Herryal Anwar, Rapporteur: Dr. David Gabriel	
10	15:45	15:55	2. The role and capacity of urban planning for disaster risk reduction: lessons from Indonesia	Dr. Djoko Suroso		
10	15:55	16:05	3. Development of CCVI in Indonesia	Arif Wibowo, M.Sc		
5	16:05	16:10	4. Presentation on Bremenport Portfolio (Harbour and Port Management)	Mr. Dirk Marholz		
10	16:10	16:20	5. Updates on research in Ministry of Marine Affairs and Fisheries related with TWIN SEA project on low regret adaptation measures	Dr. Semeidi Husrin		
5	16:20	16:25	6. Presentation on Company Portfolio (Coastal Protection, Harbour and Port Management)	Mr. Oliver Schwarz		
10	16:25	16:35	7. Dynamic of Vulnerability to Climate Change Impact and Socio-Spatial Transformation in the Coastal Areas of Jakarta	Gusti Ketut Ayu Surtiari, M. Si		
30	16:35	17:05	Discussions			
10	17:05	17:15	Announcement: Field Trip Day 3 to North Jakarta	Dr. Semeidi Husrin & Gusti Ketut Ayu Surtiari, M.Si, NCICD	Rae Sita Pratiwi, S.Sos	
10	17:15	17:25	<b>Summary: Identified key issues</b>		Dr. Rahmat Fajar Lubis	<b>Main issues identified in the overall workshop Day 1</b>
10	17:25	17:35	Announcements for Day 2		Irina Rafliana, SE., M.Si	<b>Plans and general announcements for workshop Day 2</b>
5	17:35	17:40	<b>Closing Day 1</b>	Dr. Heru Santoso, M. App. Sc		

**Venue: PDII Seminar Room**

Minutes	Start	End	Tentative Agenda	Speakers	Moderator & Rapporteur	Outcome		
<b>Day 2 (15 March 2016)</b>								
10	8:00	8:10	<b>Overview Day 1 and Outlook Day 2</b>		Irina Rafliana, SE., M.Si			
20	8:10	8:30	<b>Keynote Speech: Accelerating Collaborative Approaches Between Science, Policy and Private Sector: Lessons from Vietnam (NISTPASS Hanoi)</b>	Dr. Bach Tan Sinh, Leader Vietnam Climate Change Initiative	Moderator: Dr. Wahyu Widiyono, Rapporteur: Mila Kencana			
20	8:30	8:50	<b>Discussions</b>					
15	8:50	9:05	<b>Coffee Break</b>					
<b>Working Group 2: Continued</b>								
10	9:05	9:15	1. Manufacturing firms between individual and collective adaptation to floods in Jakarta	Thomas Neise, M.Sc				
10	9:15	9:25	2. Community Resilience: Efforts to Develop Conceptual Framework for DRR & CCA	Dr. Herryal Anwar				
10	9:25	9:35	3. Resilience-focused collaboration. Case study Aceh Province, Indonesia After 2004 the Indian Ocean Tsunami	Siswani Sari, M.Sc				
5	9:35	9:40	4. Company Portfolio: Fichtner Water and Wind	Mr. Dick Lesemann				
10	9:40	9:50	5. Risk Intelligence: Use of Modelling for Risk Calculation in Insurance Industry	Mr. Aditia Rojali				
5	9:50	9:55	6. Social-ecological Analysis of Ecosystem Services provided by replanted Mangroves in Muara Angke, North Jakarta, Indonesia: Preliminary research concept	Mr. Rene Kusdian				
10	9:55	10:05	7. The Impacts of Natural Hazards and Climate Change on Semarang - An Economic Damage Model	Mr. Fabio Pruss				
40	10:05	10:45	Discussions					
5	10:45	10:50	<b>Working Group 1: Current and Future Outlooks of Ecosystem Services and Low Regret Adaptation</b>		Moderator: Dr. Heru Santoso, M. App.Sc, Rapporteur: Thomas Neise, M.Sc	<b>Where are we in studying, learning and re-defining ecosystem-based DRR and CCA? How does ecosystem-based DRR and CCA approaches be communicated and advocated for uses in policy making and business?</b>		
10	10:50	11:00	1. Where Do We Stand on Eco-DRR Globally?	Dr. Fabrice Renaud				
10	11:00	11:10	2. Ecosystem-based Approach and Eco-technology for Water Resources protection and Management	Dr. Cynthia Henny				
10	11:10	11:20	3. Systematization of low regret adaptation strategies and future research focus in and beyond TWIN-SEA	Dr. Gabriel David & Mr. Thilo Grotebrune				
10	11:20	11:30	4. Coastal Protection and Development Investment: Low Regret Adaptation Measures in Jawa	Dr. Widjo Kongko				
5	11:30	11:35	5. Coastal Protection on the North Sea - Facility Protection of Haus Kliffende, Sylt	Mr. Hans Nickels				
5	11:35	11:40	6. Presentation on Company Portfolio, Naue Geotextiles	Mr. Doyo Dwiwarso				
20	11:40	12:00	Discussion					
60	12:00	13:00	<b>Lunch Break</b>					

5	13:00	13:05	<b>Working Group 1 continued: Current and Future Outlooks of Ecosystem Services and Low Regret Adaptation</b>		Moderator: Dr. Heru Santoso, M. App.Sc, Rapporteur: Thomas Neise, M.Sc	Where are we in studying, learning and re-defining ecosystem-based DRR and CCA? How does ecosystem-based DRR and CCA approaches be communicated and advocated for uses in policy making and business?
15	13:05	13:20	1. Video Conference: Urban Planning and Economic Issues	Prof.Dr. Javier Revilla Diez		
10	13:20	13:30	2. Presentation on the North Jakarta Project on Coastal protection	PUR/Balai Pantai DKI Jakarta		
15	13:30	13:45	Discussions			
5	13:45	13:50	<b>Working Group 3: Role of Education, Science-Policy Dialogue &amp; Science Communication</b>			
10	13:50	14:00	1. Voices From the Grass Root: Adaptation and Resistances Towards Modernization and Industrialization	Dr. Dedi Supriadi Adhuri	Moderator: Dr. Eko Yulianto, Rapporteur: Rae Sita Pratiwi, S.Sos	What are the lessons gained and future outlook of bridging science into policy and practices for social transformation
10	14:00	14:10	2. Future outlook of education & science communication in DRR and CCA	Dr. Joerg Szarzynski		
10	14:10	14:20	3. LIPI's experiences and future outlook for public education and science communication	Nur Tri Aries Suestiningtyas, MA		
40	14:20	15:00	Discussions			
5	15:00	15:05	<b>Guidance for Break Group Discussions</b>		Moderator Group 1, Moderator Group 2, Moderator Group 3	
45	15:05	15:50	<b>Break Groups: Group Discussion: Group 1, Group 2 &amp; Group 3.</b>			Break into 3 groups, based on issues raised during Keynote speeches, Flash Talks, Panel Session, WG 1, WG 3 and WG 3 presentations
15	15:50	16:05	<b>Coffee break</b>			
10	16:05	16:15	Plenary & Group Presentation		Moderator: Dr. Ignasius Sutapa & Dr. Matthias Garschagen	
10	16:15	16:25	Group 1			
10	16:25	16:35	Group 2			
10	16:35	16:45	Group 3			
30	16:45	17:15	Discussions			
10	17:15	17:25	Conclusions			
10	17:25	17:35	<b>Closing Remarks</b>	Dr. Siti Nuramalianti Prijono (Principal Secretary LIPI)		Review TWIN SEA phase 1 and TWIN SEA outlook phase 2 (technical and visionary plans to follow up)

Venue: North Jakarta Bay,

Minutes	Start	End	Tentative Agenda	Field Trip Organizing Team	Site	Outcome
			<b>Day 3 (16 March 2016)</b>			
30	7:00	7:30	Field Trip orientation	Dr. Semeidi Husrin	<b>to be confirmed and announced in workshop Day 1</b>	Reclamation sites, subsidence evidences, retention lake and pumping stations, Jakarta port extension projects, NCICD sea wall projects phase A, B, C, last
10	7:30	7:40	Entering bus and depart to field site	Semeidi Husrin, Rae Sita		
560	7:40	17:00	Field Trip to several sites in North Jakarta	Pratiwi, Gusti Ayu Ketut		
10	8:30	8:40	Overview Field Trip			