

**Program of NDIP 2015(Second Circular)**

Time	March 11th		March 12th	
	Wed		Thu	
8:00	00	Registration	Registration	Registration
	10			
	20			
8:30	30	Opening address	Valerio Cozzani Quantitative assessment of NaTech scenarios and cascading events in the process industry	Valerio Cozzani Quantitative assessment of NaTech scenarios and cascading events in the process industry
	40	CJ Beegle-Krause Historical spills from North American and Europe: Perspectives for Future Planning		
	50			
9:00	00	Syamsidik Tsunami recovery Process in Aceh after 10 year of the Indian Ocean Tsunami, from the perspectives of landuse and housing	Roland Fendler Development of technical rules on Natech risk management in Germany	Roland Fendler Development of technical rules on Natech risk management in Germany
	10			
	20			
9:30	30	Coffee Break	Coffee Break	Coffee Break
	40			
	50			
10:00	00	Shane Wright Damage & loss from Natech and possible interventions in Asia	Elisabeth Krausmann Assessing the Natech risk due to earthquake impact at hazardous installations using the RAPID-N framework	Elisabeth Krausmann Assessing the Natech risk due to earthquake impact at hazardous installations using the RAPID-N framework
	10			
	20			
10:30	30	Ana Maria Cruz Hazardous materials releases following hurricanes Katrina and Rita in the United States	Masanori Tsugane Countermeasures of ships against earthquake and tsunami in large industrial parks	Masanori Tsugane Countermeasures of ships against earthquake and tsunami in large industrial parks
	40			
	50			
11:00	00	Takahiro Sugano Research of liquefaction damage mitigation team formed by the Cross-ministerial Strategic promotion Program(SIP) applicable for industrial complex	Isamu Fujita Oil Drift Simulation and its Application to Tsunami Disaster	Isamu Fujita Oil Drift Simulation and its Application to Tsunami Disaster
	10			
	20			
11:30	30	LUNCH	LUNCH	LUNCH
	40			
	50			
12:00	00	LUNCH	LUNCH	LUNCH
	10			
	20			
12:30	30	Takahiro Hagihara Response to petrochemical complex disaster	Naomi Kato Research initiative for natural disaster prevention of oil and gas spill in industrial parks	Naomi Kato Research initiative for natural disaster prevention of oil and gas spill in industrial parks
	40			
	50			
13:00	00	Ernesto Salzano Changing perspective: new limit states of oil and gas installation and pipeline to earthquake and tsunami	Hirotada Hashimoto Oil-sloshing impact due to possible Nankai Trough Earthquake	Hirotada Hashimoto Oil-sloshing impact due to possible Nankai Trough Earthquake
	10			
	20			
13:30	30	Takashi Tomita Tsunami disaster mitigation in ports -Lessons learned from the 2011 Tohoku tsunami-	Yohei Takagi Numerical and experimental studies on multiphase flow in tsunami with oil spill	Yohei Takagi Numerical and experimental studies on multiphase flow in tsunami with oil spill
	40			
	50			
14:00	00	Shinichi Aoki Hydrodynamic forces on a storage tank and a pipeline by run-up tsunami	Shinichi Aoki Hydrodynamic forces on a storage tank and a pipeline by run-up tsunami	Shinichi Aoki Hydrodynamic forces on a storage tank and a pipeline by run-up tsunami
	10			
	20			
14:30	30	Coffee Break	Coffee Break	Coffee Break
	40			
	50			
15:00	00	Kenji Ono Analysis supporting techniques and tools for developing business continuity plan	Kenichi Tokida Multiple safeguard against tsunami flood with use of hardy-erosive earth bank	Kenichi Tokida Multiple safeguard against tsunami flood with use of hardy-erosive earth bank
	10			
	20			
15:30	30	Shoichi Hara Dispersive performance of underwater dispersant against discharged oil from sunken vessels	Hiroyoshi Suzuki Study on lattice-pattern arranged vertical flexible pipes to decrease damage of oil and gas storage tanks caused by large-scale tsunami	Hiroyoshi Suzuki Study on lattice-pattern arranged vertical flexible pipes to decrease damage of oil and gas storage tanks caused by large-scale tsunami
	40			
	50			
16:00	00	Tomohiro Yuzui Inclusive environmental impact assessment for oil tankers	Hidenari Makino Analysis of ship evacuation during a tsunami -A discussion of 2011 Japan earthquake and tsunami-	Hidenari Makino Analysis of ship evacuation during a tsunami -A discussion of 2011 Japan earthquake and tsunami-
	10			
	20			
16:30	30	Alljca Tardy	Hiroshi Ishimaru The study of disasters in petrochemical complexes caused by large earthquakes -Fire caused by released flammables and atmospheric diffusion of toxic chemicals-	Hiroshi Ishimaru The study of disasters in petrochemical complexes caused by large earthquakes -Fire caused by released flammables and atmospheric diffusion of toxic chemicals-
	40			
	50			
17:00	00	Closing Remarks	Closing Remarks	Closing Remarks
	10			
	20			
17:30	30	Social at Cultural Salon at 9th floor	Social at Cultural Salon at 9th floor	Social at Cultural Salon at 9th floor
	40			
	50			
18:00	00			
	10			
	20			
18:30	30			
	40			
	50			
19:00	00			
	10			
	20			
19:30	00			
	10			
	20			