

# II-1. Program Overview



## Session I . Climate 'Crisis' and Ocean's Adaptation

11/15 (Mon.)  (120')	Chaired by	Seoung-Yong Hong, Chairperson of the Organizing Committee, Korea		
	Time	Speaker	Subject	Panelists
	13:35~13:55	Mohamed Aslam Minister for Housing, Transport and Environment, Maldives	Sea level rise & Small islands nations	<b>RaeKwon CHUNG</b> Director, Environment and Development Division, UNESCAP  <b>Anne McDonald</b> Director, United Nations University  <b>Daniel C.S. Ahn</b> Chairman, Offshore Plant Activating Committee, MLTM, Korea
	13:55~14:15	Jihyun Lee CBD(Convention on Biodiversity)	<b>Marine Bio-diversity (Biotech)</b>	
	14:15~14:35	Peter Hauge Madsen Head National Laboratory for Sustainable Energy of Division, Riso DTU	Alternative Energy (Offshore Wind Energy)	
	14:35~14:55	Nicole Glineur Program Manager Global Environmental Fund	Adaptation to Climate Change & Blue Forest Conservation	
14:55~15:25	Panel Discussion			

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## Session II. Ocean Civilization

11/15 (Mon.)  (120')	Chaired by	Paul Holthus, Secretary General, World Ocean Council	
	Time	Speaker	Subject
	13:35~13:55	Masayuki Mac Takahashi Honorable Professor of KOCHI University, Japan	Utilization of Deep Ocean Water(DOW) resources for the world society of 21st century
	13:55~14:15	Harry V. Daniels Professor, North Carolina State University, USA	Water Resources
	14:15~14:35	Michael H. Schwarz Professor, Virginia University, USA	Food (Offshore Aquaculture)
	14:35~14:55	Young-Jin Baek Vice President, RO Project Management, Doosan Heavy Industries & Construction, Korea	Sea Water Desalination Plant
	14:55~15:15	Dr. Zhang Liang Professor, Harbin Engineering University, China	Energy & Resources : Solar & offshore wind power
	15:15~15:30	Panel Discussion	

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## Session III. Green Port & Green Shipping

11/16 (Tue)  (120')	Chaired by	Se-Ho Kim, Former Vice-Minister of Construction and Transportation, Korea		
	Time	Speaker	Subject	Panelist
	10:05~10:25	Gun-Sik Choi Executive Vice-President & Chief Executive, Hanjin Shipping	Green Port Development & Terminal Operation	Dong-Hyun Lee Professor, Pyeongtaek University, Korea
	10:20~10:40	Theo Notteboom President/Professor, ITMMA, University of Antwerp, Belgium	The role of intermodal transportation and inland terminals in 'green' port strategy: Experiences from Europe	
	10:40~11:00	Young-Tae Chang Professor, Inha University	Hard Core Issues on Green Shipping	Jung-Yoon Lee Assistant Professor, Pukyong University, Korea
	11:00~11:20	<b>Prof. Mark Goh</b> National University of Singapore	Green Port Strategy	Young-Tae Park Professor, Dong-Eui University, Korea
11:20~12:00	Panel Discussion			

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## Session IV. Marine Bio-Med

11/16 (Tue.)  (150')	Chaired by	William Fenical, Prof. & Dir., CMBB/Scripps Institution of Oceanography		
	Time	Speaker	Subject	
	09:30~10:05	<b>William Fenical</b> Professor & Director, CMBB, Scripps Institution of Oceanography	Developing new medicines with marine microorganisms	
	10:05~10:35	<b>Raymond Anderson</b> Professor, University of British Columbia	Natural Medicines with marine invertebrate animals	
	10:35~11:05	<b>Brad Moore</b> Professor, Scripps Institution of Oceanography & Skaggs School of Pharmacy and Pharmaceutical Science, University of California San Diego	Marine-derived treatments with Microorganisms Genomics	
	11:05~11:35	<b>Heon-Joong Kang</b> Professor, Seoul National University	Commercializing marine bio- medicines (Tentative)	
	11:35~12:00	Panel Discussion		

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## Session V. Ocean Industry & High-tech Convergence

11/16 (Tue.)  (100')	Chaired by	<b>Daniel C. S. Ahn</b> Chairman, Offshore Plant Activating Committee, MLTM, Korea	
	Time	Speaker	Subject
	13:30~13:50	<b>Daniel C. S. Ahn,</b> Chairman, Offshore Plant Activating Committee, MLTM, Korea	Ocean Industry Requires Convergence Every Available High Tech
	13:50~14:10	<b>Peter C. Chu</b> Professor, Department of Oceanography, Naval Postgraduate School, USA	Current US Mine Warfare Status and Future AUV, UUV and USV & UAV Development Plan
	14:10~14:30	<b>Joo-No Seo</b> Professor, Korea Naval University	Utilizing Robot in researching the ocean resource (Tentative)
	14:30~14:50	<b>Kyu-Nam Cho</b> Professor, Hongik University	Underwater Telecommunication (Tentative)
	15:00~15:10	Discussion	

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## Session VI. Ocean Policy & Governance

11/16 (Tue.)  (150')	Chaired by	Raphael P. M. Lotilla. Executive Director, PEMSEA	
	Time	Speaker	Subject
	13:35~14:00	Miriam C. Balgos Gerard J. Mangone Center for Marine Policy, University of Delaware	Global Ocean Governance toward RIO+ 20
	14:00~14:25	Nakahara Hiroyuki Managing Director, Research Institute for Ocean Economics, Japan	Marine Policy of Indonesia(Tentative)
	14:25~14:50	Ketut Sugama Successor of Vice-Minister, Maritime Affairs and Fisheries, Indonesia	Government Policy of Japan toward Ocean Power (Tentative)
	14:45~15:10	Philippe VALLETTE General Manager, World Ocean Network	Global Ocean Policy (Tentative)
	15:10~15:35	Jon M. Van Dyke Professor, University of Hawaii at Manoa, USA	USA & EU Ocean Governance to Climate Change
	15:35~16:00	Discussion	

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## Session VII. Ocean Tourism & Cruise Industry

	Chaired by	Paul Holthus, Secretary General, World Ocean Council		
	Time	Speaker	Subject	Panelists
11/16 (Tue)  (100')	15:30~15:55	Dario Rustico Marketing & Sales Manager, COSTACO	Green Strategy in Perspective of Cruise Liners (Tentative)	Sung-Goo Hwang Vice-President, Busan Port Authority, Korea
	15:55~16:15	Kaye Chon Professor, Hong Kong Polytechnic University	Trends in tourism in Asia Pacific with implications for sea tourism	
	16:15~16:35	Paul Holthus Secretary General, World Ocean Council	Cruise Industry and its impact on the local economy (Tentative)	Hae-Sang Kang Professor, Dongseo University, Korea
	16:35~16:55	Young-Ryeol Joo Vice president, Cruise and Ferry Team, Samsung Heavy Industries	Yacht/Boat Building	Dong-Hyeon Park CEO, BIP, Korea
	16:55~17:10	Panel Discussion		

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## Session VIII. New Paradigms for Fisheries

11/17 (Wed.)  (150')	<b>Chaired by</b>	Carl-Christian Schmidt, Head of the Fisheries Policies Division, OECD		
	<b>Time</b>	<b>Speaker</b>	<b>Subject</b>	<b>Panelist</b>
	09:40~10:10	Jong-Koo Lee Executive Managing Director, Dongwon Industries	Renovation for the 21c of Fisheries Industries	Mohamed Shareef State Minister for Housing and Environment, Maldives
	10:10~10:40	Chang Ik Zhang Professor PKNU, Korea	New Approaches for Holistic Eco-system-Based Fisheries Assessment and Management Framework	Ketut Sugama Successor of Vice- Minister, Maritime Affairs and Fisheries, Indonesia
	10:40~11:10	Carl-Christian Schmidt Head of the Fisheries Policies Division, OECD	Good Governance for Ensuring Food Security in Fisheries	Young-Tae Shin KMI, Korea
	11:10~11:40	Jeff M. Hinshaw Past-President World Aquaculture Society Professor, North Carolina State University	Sustainable Aquaculture	Sung Chul. Bae Professor, Pukyong University, Korea
11:40~12:00	Panel Discussion			

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## Special Session I . Global Marine CEO Round-Table 2010

Time	November 15 (Mon.) 15:50~17:40		
Chair	Young-min Kim, President & CEO, Hanjin Shipping		
Subject	Climate Change and the Shipping Industry - Risks and opportunities the shipping industry faces today relating to climate change -Maritime regulations : Responding to both regional and		- Going slow to reduce GreenHouseGas emissions - Future ships : How ready are we? - Shipping the greenest mode of transportation : How to make it greener.
Parti- cipants	Category	Organization	Participants
	NGO	UNESCAP	<b>RaeKwon CHUNG</b> Director, Environment and Development Division
	Ship Owner	Danaos Corporation	<b>John Coustas</b> , President & Chief Operating Officer
		Reederei F. Laeisz	Nikolaus H. Schues Partner
	Port Authority	Port of Algeciras	<b>Luis Hormachea</b> Director General
		Port of Rotterdam Authority	Hans Smits CEO
Class	DNV	Tor Sevensen Chief Operating Officer	

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## Special Session II. Marine Environment Policy Seminar on the Pacific Rim Region

11/15 (Mon.)  (110')	Chair	Mohamed Aslam, Minister for Housing, Transport and Environment, Maldives		
	Time	Speaker	Subject	
	15:50~16:15	Rick Spinrad Vice President for Research, Oregon State University	The role of international collaboration in ocean operations	
	16:15~16:35	Dong-Oh Cho Professor, Korea Maritime University	A proposal to cooperate among China, Japan, and Korea in ocean debris issues (Tentative)	
	16:35~16:55	Kanehiro Haruyuki Professor Emeritus, University of Tokyo and Kochi University, Japan	Government Policy of Japan to mitigate the influence of ocean debris (Tentative)	
	16:55~17:15	Weiwei Zhang National Marine Environmental Monitoring Center, China	Monitoring System to prevent the worsening ocean debris in China (Tentative)	
17:15~17:40	Discussion/Q&A			

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## Special Sessions

Time	Session	Subject	Co-organized by
09:30~12:00	Special Session III	Asia Pacific Phycological Association Working Group-The Asian Network for Using Algae As a CO <sub>2</sub> Sink	APPA
13:30~17:00	Special Session IV	The Role of Design in the Marine Era	Busan Design Center
	Special Session V	Promotion Strategy & Human Resources Development For Off-shore Plant Industries	Korea Maritime University
	Special Session VI	Marine Science & Technology Transfer Seminar 2010	KIMST