



**Asia-Pacific
Economic Cooperation**

2015/SOM2/OFWG/009

Agenda Item: IV C b i

OFWG 02-2014 - Workshop on the Climate Change Impact on Oceans and Fisheries Resources: Agenda

Purpose: Information
Submitted by: Japan



APEC
PHILIPPINES
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**5th Oceans and Fisheries Working Group Meeting
Boracay, Philippines
10-12 May 2015**



**Asia-Pacific
Economic Cooperation**

APEC PROJECT (OFWG 02 2014)

Implemented by JAPAN, Co-sponsored by Peru, Philippines, & Viet Nam

PROGRAM

Workshop on the Climate Change Impact on Oceans and Fisheries Resources

9th May 2015, Boracay Island, Philippines

Opening¹

- **Welcome Remarks**

Atty Asis G. Perez, Department of Agriculture Undersecretary for Fisheries and Bureau of Fisheries and Aquatic Resources Director

- **Opening Key Remarks**

Prof. Nobuaki Okamoto, President, Tokyo University of Marine Science and Technology, Japan

1. Impact of Climate Change on Marine Environment

- **Meteorological Views about Climate Change**

Dr. Ruby Leung, Pacific Northwest National Laboratory, United States

- **Impact on Marine Environment**

Prof. Victor Ariel Gallardo, Professor of the Department of Oceanography, Universidad de Concepcion, Chile

- **Impact of Climate Change on Coastal Ecosystem and Practice for Adapting**

Dr. Shaobo Chen, Professor, Zhejiang Mariculture Research Institute, China

2. Striking Feature of Impacts

- **Ocean Acidification**

Dr. Christopher Sabine, Director, Pacific Marine Environmental Laboratory, National Oceanic and Atmospheric Administration (NOAA), United States

- **Stresses on Marine Biodiversity**

Dr. Sheila G. Vergara, Director of Biodiversity Information Management of ASEAN Centre for Biodiversity

3. Luncheon Speech

- **Implications for Marine Ecosystem**

Dr. Yoshihisa Shirayama, Executive Director, Japan Agency for Marine Earth Science and Technology (JAMSTEC), Japan

4. Arctic, as the Most Affected Ocean

- **Sea Ice Decline**

Dr. Koji Shimada, Associate Professor, Department of Ocean Science, Tokyo University of Marine Science and Technology, Japan

- **Implications for Global Trade and Distribution System**

Dr. Natsuhiko Otsuka, Manager, North Japan Port Consultations Co. Ltd.

5. Vulnerability of Fisheries

- **Climate Change Effects on Fisheries**

H.E. Mr. Árni Mathiesen, Assistant Director General, Food and Agriculture Organization of the United Nations (FAO), Fisheries and Aquaculture Department

- **Adaptations to Ecosystem Affects and Marine Environmental Shifts**

Mr. Masanori Miyahara, President, Fisheries Research Agency, Japan

- **Blue Carbon**

Dr. Achmad Poernomo, Director General, Ministry of Marine Affairs and Fisheries, Indonesia




6. Evening Session: Adaptation, as a Key Role in Decreasing Risks




Panel Discussions on the Adaptations to the Environmental Shifts Caused by Climate Change, by All Lecturers

Closing

¹ Moderator (APEC Project Overseer): Dr. Akima Umezawa, Cabinet Counsellor, Government of Japan

Workshop on the Climate Change Impact on Oceans and Fisheries Resources
List Speakers / Lecturers

	<p>Atty. Asis G. Perez Director, Bureau of Fisheries and Aquatic Resources</p>
	<p>Prof. Nobuaki Okamoto <i>President, Tokyo University of Marine Science and Technology, Japan</i></p>
	<p>Dr. Ruby Leung <i>Pacific Northwest National Laboratory, United States</i></p>
	<p>Prof. Victor Ariel Gallardo <i>Professor of the Department of Oceanography, Universidad de Concepcion, Chile</i></p>
	<p>Dr. Shaobo Chen <i>Professor, Zhejiang Mariculture Research Institute, China</i></p>
	<p>Dr. Christopher Sabine <i>Director, Pacific Marine Environmental Laboratory, National Oceanic and Atmospheric Administration (NOAA), United States</i></p>
	<p>Dr. Sheila G. Vergara <i>Director of Biodiversity Information Management of ASEAN Centre for Biodiversity</i></p>

	<p>Dr. Yoshihisa Shirayama <i>Executive Director, Japan Agency for Marine Earth Science and Technology (JAMSTEC), Japan</i></p>
	<p>Dr. Koji Shimada <i>Associate Professor, Department of Ocean Science, Tokyo University of Marine Science and Technology, Japan</i></p>
	<p>Dr. Natsuhiko Otsuka <i>Manager, North Japan Port Consultations Co. Ltd.</i></p>
	<p>H.E. Mr. Arni Mathiesen <i>Assistant Director General, Food and Agriculture Organization of the United Nations (FAO), Fisheries and Aquaculture Department</i></p>
	<p>Mr. Masanori Miyahara <i>President, Fisheries Research Agency, Japan</i></p>
	<p>Dr. Achmad Poernomo <i>Director General, Ministry of marine Affairs and Fisheries, Indonesia</i></p>
	<p>Moderator (APEC Project Overseer) Dr. Akima Umezawa <i>Cabinet Counsellor, Government of Japan</i></p>