

WG1: NATURAL DISASTERS AND PROTECTED AREAS

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WG1 OUTLINE

- **Extreme events**

e.g. Western Indian Ocean Tsunami in 2004

The Great East Japan Disaster in 2011

Mega Typhoon in Philippine last week

“The number of people affected by disasters is increasing”

- **We cannot control natural disaster (hazard)**

Many people live in PAs, some land-hungry countries in Asia

“How to decrease the disaster risk and support livelihoods in PAs”

- **Programs are in progress to rehabilitate and restore ecosystem and sustainable livelihood in PAs in Asia.**

“ Roles of PAs in post-disaster period”

WG1 SUB-THEMES

Date	Time	Sub-Themes
14/Nov	12:45-14:25	Session 1 (Speakers: 5) Natural Disasters in Protected Areas
	14:25-15:05	Session 2 (Speakers: 2) Ecosystem Conservation and Disaster Risk Reduction
	15:15-15:30	Coffee Break
	15:30-17:50	Session 2 (Speakers: 7) Ecosystem Conservation and Disaster Risk Reduction
15/Nov	12:45-14:55	Session 3 (Speakers: 6) Great East Japan Earthquake
	15:15-15:30	Coffee Break
	15:30-17:50	Session 4 (Speakers: 7) Management and Reconstruction of Protected Areas after a Disaster

WG1 PRESENTATIONS

1 Natural Disasters in Protected Areas

Name of Presenter	Organization	Title of Presentation
Yuki Matsuoka	The United Nations International Strategy for Disaster Reduction (UNISDR)	Global Efforts on Disaster Risk Reduction: UNISDR and HFA
Shigeo Aramaki	Yamanashi Institute of Environmental Sciences	Volcanic disaster mitigation programs in Japan with special reference to large-scale eruptions
Jeffrey A. McNeely	Consultant, Thailand Department of National Parks and Wildlife Conservation A.D. White Professor-at-Large, Cornell University, USA	Protected Areas and Climate Change in Asia: Challenges and Responses for a Creeping Crisis
Yam Malla	Country Representative, IUCN Nepal	Natural Disaster and Protected Areas, Managing Natural Disasters in Nepal's Protected Areas
Toru Ishikawa	The Council for the Promotion of the Kirishima Geopark	Volcanic disasters on the area of the Geopark: an example of the Kirishima Geopark, Southern Kyusyu, Japan

WG1 PRESENTATIONS

2 Ecosystem Conservation and Disaster Risk Reduction

Name of Presenter	Organization	Title of Presentation
Radhika Murti	Disaster Risk Reduction Coordinator, IUCN HQ	The Role of Ecosystem Services for DRR and CCA
Yen Nguyen Thi	Disaster Risk Reduction and Climate Change Coordinator CARE International in Viet Nam	Mangroves and coastal community resilience Thanh Hoa province, Viet Nam
Jan Sopaheluwakan	Board of Advisor International Center for Interdisciplinary and Advanced Research, Indonesian Institute of Sciences	The West Java Watershed-Biosphere Reserve and Jakarta Urban Resilience Nexus: The Battle Ground for an Integrated Approach to Conservation and Disaster Risk Reduction
Ravadee Prasertcharoensuk	Director, Sustainable Development Foundation (SDF)	Ecosystem-Based Integrated Coastal Resource Management through Multi-stakeholder Participation in Had Jaw Mai National Park, Trang Province, Thailand
Kei Jinnai	Director, Forestry and Nature Conservation Division 1 Global Environment Department, Japan International Cooperation Agency (JICA)	JICA's Experiences and Challenges to Eco-DRR in Development Assistance Context
Syamsidik	Tsunami and Disaster Mitigation Research Center (TDMRC), Syiah Kuala University	Challenges in Disaster Risk Reduction around Marine Parks in Aceh-Indonesia
Leigh Welling	US National Park Service	Enhancing Resiliency in the Wake of Hurricane Sandy
Saburo Mimatsu	Curator of MIMATSU MASAO MEMORIAL MUSEUM, Adviser to the Toya-Usu Geopark Council	The Role of Those Living at the Foot of the Volcano -Handing Down the Wisdom to the Next Generation-
Makoto Hatakeyama	NPO Mori wa Umi no Koibito (Society to protect Forest for Oysters)	The way how disaster prevention should do from lessons of the Great East Japan Earthquake and Tsunami –Emergent report from developing huge seawall in Kesen-numa City~

WG1 PRESENTATIONS

3 The Great East Japan Earthquake

Name of Presenter	Organization	Title of Presentation
Takehiko Ohta	Professor of Emeritus at the University of Tokyo	Change of Japanese land and construction of coastal forests
Hiroshi Kusakabe	Conservation Division, Forestry Agency	Recovery efforts for coastal disaster-prevention forest from the Great East Japan Earthquake
Katsunori Nakamura	Tohoku Research Center, Forestry and Forest Products Research Institute	Coastal pine forests damaged from the tsunami caused by the Great East Japan Earthquake
Yoshihiko Hirabuki and Minami-Gamou Ecotone Monitoring Network	Department of Regional Design, Tohoku Gakuin University	Huge earthquake/tsunami disturbance, autonomous eco system recovery and the human impact of reconstruction in the Sendai Bay sand-dune coastal ecotone
Katsue Fukamachi	Associate Professor, Kyoto University	A network of new links sets the tone for future culture conservation in the <i>Sanriku Fukko</i> (Reconstruction) National Park
Yusuke Sakuraba	Ranger, Miyako Ranger Office, Ministry of the Environment, Japan	Tradition of the Memory of the Earthquake Disaster— Who Conveys Memory?

WG1 PRESENTATIONS

4 Management and Reconstruction of Pas after a Disaster

Name of Presenter	Organization	Title of Presentation
Junichi Hirota	Faculty of Agriculture, Iwate University	Significance of <i>Sanriku Fukko</i> National Park for Reconstruction from Great East Japan Earthquake
Yutaka Yoshiyachi	Japan Travel Bureau Foundation	Research on the characteristics of the intention to participate in tourism on the "Michinoku Sea Breeze Trail"
Akihiro Nakamura	Graduate student, Division of Appropriate Technology and Sciences for Sustainable Development, Graduate School of Life and Environmental Sciences, University of Tsukuba	Change of a land use by disaster and the role of a protected area
Sayaka Hara	Ranger, Lake Toya Ranger Office, Ministry of the Environment, Japan	Environmental education in the volcanic ruins of Mt.Usu
Akira Matsumoto	Ranger, Ebino Ranger Office, Ministry of the Environment, Japan	Evolving National Park under Eruption of Mt. Shinmoedake: Cooperation with Kirishima-Kinkowan National Park and Kirishima Geopark
Sakanan Plathong	Department of Biology, Faculty of Science, Prince of Songkla University, Thailand	Post-Tsunami Conservation and Sustainable Rehabilitation of Coral Reefs in Marine National Park, Thailand
Agus Haryanta	Deputy Director of Human Resources and Equipments, Directorate of Forest Fire Control, Directorate General of Forest Protection and Nature Conservation, Indonesian Ministry of Forestry	Program of community Development of Forest Fire control in Peat Land Area in Indonesia

MESSAGE FROM WG1

- **Disaster Response: post disaster impacts/ implications for PAs**
- **Ecosystem Based Disaster Risk Reduction: PAs as buffers against disasters**
- **Disaster Recovery: Roles of PAs in post disaster rehabilitation and resilience**

