



International Symposium on
Integrated Coastal Management
for Marine Biodiversity in Asia

Understanding Connections for Biodiversity and Society

Collective
Abstracts

Kyoto Terrsa
Kyoto, JAPAN

January 14-15, 2010

Organized by

Division of Integrated Coastal Management
Field Science Education and Research Center
Kyoto University



Program of Oral and Poster Presentations

14 January			
09:00-09:30	Registration		
09:30-10:20	Opening Program		
	Welcome Address Integrated Coastal Management for Marine Biodiversity in Asia		Yoshihisa Shirayama (FSERC, Kyoto Univ)
	Welcome Message		Masazumi Nagamitsu (Nippon Foundation)
	Group Picture (In front of Kyoto Terra)		
	Coffee Break		
Oral Presentation			
Session A			
Loss of Marine Biodiversity and Complex Habitats			
Chairmen: Yoshihisa Shirayama and Asuncion de Guzman			
10:20-10:40	A.1	The tsunami in Thailand; impacts, recovery and consequences for coastal zone management	Michael A. Kendall <i>et al.</i> (Plymouth Marine Laboratory, United Kingdom)
10:40-11:00	A.2	Jellyfish blooms in East Asian coastal seas: Loss of productive ecosystem	Shin-ichi Uye (Hiroshima Univ, Japan)
11:00-11:20	Coffee Break		
11:20-11:40	A.3	The seagrass-mangrove connection as a climate change mitigation and adaptation factor in East Asian coasts	Miguel D. Fortes (Univ of the Philippines)
11:40-12:00	A.4	Habitat diversity and its loss in Japanese coastal marine ecosystems	Hiroshi Mukai (FSERC, Kyoto Univ, Japan)
12:00-14:00	Lunch and Poster Session		
Session B			
Connection and Disruption of Land and Coastal Marine Ecosystems			
Chairmen: Hiroshi Mukai and Nickolai Shadrin			
14:00-14:20	B.1	Impacts on sandy beach and habitat of Japanese hard clams due to construction of port breakwaters	Takaaki Uda (Public Works Research Center and Japan University)
14:20-14:40	B.2	Hierarchical watershed management – A case of Lake Biwa ecosystem	Shigeo Yachi (Kyoto Univ, Japan)
14:40-15:00	B.3	The linkage between mountain, human habitation and sea for sustaining unique biodiversity in Chikugo River Estuary, Ariake Bay, Japan	Masaru Tanaka (University of Malaysia, Sabah, Malaysia)
15:00-15:20	Coffee Break		

Session C			
Conservation of biodiversity: Present and Future of Marine Protected Areas			
Chairmen: Yoh Yamashita and Michael Kendall			
15:20-15:40	C.1	Conservation and restoration of biodiversity: Present and future of Marine Protected Areas (MPA), MPA networks accelerate efforts in Integrated Coastal Management (ICM)	Porfirio M. Aliño (Univ of the Philippines)
15:40-16:00	C.2	Marine Protected Areas in the Philippines: Enhancing Marine Biodiversity, Environmental Governance, and Community Participation in Integrated Coastal Management	Asuncion De Guzman (Mindanao State University Naawan, Philippines)
16:00-16:20	C.3	Marine and coastal protected areas in Thailand : Status and trend	Anuwat Nateewathana (Ministry of Natural Resources. & Environment. Thailand)
16:20-16:40	Coffee Break		
16:40-17:00	C.4	Marine Protected Areas in Japan: Their main characteristics and spatial/ temporal distributions	Nobuyuki Yagi (The Univ. of Tokyo, Japan)
17:00-17:20	C.5	Marine Protected Areas in Japanese fisheries: Case studies in Kyoto, Shiretoko and Ise Bay	Hiroyuki Matsuda <i>et al.</i> (Yokohama National University, Japan)
18:00-20:00	Reception Dinner		
15 Jan			
Session D (Part1)			
Role of NGO and Education in Linking the Gap Between Nature and People			
Chairmen: Masayuki Sato and Porfirio Aliño			
09:20-09:40	D.1	Research and education of the ecological links from forests to coastal waters in FSERC, Kyoto University	Yoh Yamashita (FSERC, Kyoto Univ, Japan)
09:40-10:00	D.2	The Center for Restoration of Basin Ecosystem and Environment (CeRBEE) activity center for Integrated Coastal Management, established in Hiroshima University, Japan	Tamiji Yamamoto <i>et al.</i> (Hiroshima Univ, Japan)
10:00-10:20	D.3	Sustainable conservation of Thai coastal biodiversity: A university challenge	Chittima Aryuthaka <i>et al.</i> (Kasetsart Univ Thailand)
10:20-10:40	Coffee Break		
10:40-11:00	D.4	Roles of academic institutes in Integrated Coastal Management (ICM) in Chonburi Province, Thailand	Suriyan Tunkijjanukij <i>et al.</i> (Kasetsart Univ., Thailand)
11:00-11:20	D.5	The "Large Areas for Marine Management" approach to conservation in South East Asia	Hugh Kirkman <i>et al.</i> (Fauna & Flora International, Australia)
11:20-11:40	C.6	Multi-sectoral collaboration based on local knowledge and coastal sciences for Asian Marine Protected Areas	Satoquo Seino (The Univ of Tokyo, Japan)
11:40-14:00	Lunch and Poster Session		

Session D (Part2) Role of NGO and Education in Linking the Gap Between Nature and People Chair persons: Takahito Yoshioka and Hugh Kirkman			
14:00-14:20	D.7	Understanding the role of NGO in biodiversity conservation through WWF efforts on MPA development in Vietnam	Tham Thi Ngoc Diep (WWF, Vietnam)
14:20-14:40	D.8	Empowerment of a fishermen community: An alternative roadmap	Midori Kawabe <i>et al.</i> (Tokyo Univ of Marine Science and Technology, Japan)
14:40-15:00	D.9	Reform of Japanese coastal fisheries	Toshio Katsukawa (Mie University, Japan)
15:00-16:20	Round Table Discussion by Hiroshi Mukai and Miguel Fortes		
16:20-16:30	Concluding Remarks by Shozo Shibata		

Poster Session		
14 Jan at 13:00-14:00 and 15 Jan at 13:00-14:00		
Cluster 1 – The Endangered Web of Life in Our Seas		
P 1-1	Biodiversity conservation in seagrass beds: The necessity of social-ecological systems integration	Miguel D. Fortes (University of Philippines)
P1-2	Sea-level rise impacts on coastal biodiversity of Bangladesh	Golam Mahabub Sarwar (University of Wollongong, Australia)
P1-3	Seagrass Assessment in Linamon, Lanao del Norte, Mindanao, Philippines	Maria Luisa S. Orbita <i>et al.</i> (Mindanao State Univ. - Iligan Institute of Technology, Philippines)
P1-4	Eelgrass <i>Zostera marina</i> metapopulation dynamics in Tokyo Bay, Japan	Kentaro Watanabe <i>et al.</i> (Chiba University, Japan)
P1-5	Impact of exotic species introduction on biodiversity in water dependent ecosystems in Mindanao, Philippines.	Buenafior D. Jimenez (Mindanao State Univ - Iligan Institute of Technology, Philippines)
P1-6	Marine biodiversity for sustainable conservation in plant genetic conservation project under the Royal Highness Princess Maha Chakri Sirindhorn	Sunan Patarajinda (Kasetsart University, Thailand)
P1-7	Diversity assessment of plankton in the coastal waters of Misamis Occidental, Mindanao, Philippines	Maria Lourdes Dorothy Lacuna <i>et al.</i> (Mindanao State Univ-Iligan Institute of Technology, Philippines)
P1-8	A comparative study of distribution pattern of endangered fiddler crab <i>Uca arcuata</i> on artificial and natural tidal flats	Takashi Kawai <i>et al.</i> (Anan National College of Technology, Japan)
P1-9	Distribution pattern of the mud snail <i>Cerithidea rhizophorarum</i> on natural and artificial tidal flats	Naotomo Ota <i>et al.</i> (Anan National College of Technology, Japan)
P1-10	Effects of environmental factors on podocyst production and excystment of the common jellyfish <i>Aurelia aurita</i> s.l.	Htun Thein <i>et al.</i> (Hiroshima University, Japan)

Cluster 2 - Fragile Connections of Ecosystems		
P2-1	Dugong conservation and banana plantations in Davao Gulf, Philippines	Emily Antonio (Kyoto University, Japan)
P2-2	Impact of anthropogenic activities on inland and marine fish resources in the coastal region of Bangladesh	Md. Giashuddin Miah <i>et al.</i> (Bangabandhu Sheikh Mujibur Rahman Agri Univ, Bangladesh)
P2-3	A perspective on disruptions in biodiversity of Cochin backwaters along the South West Coast of India	Balchand Alungal <i>et al.</i> (Cochin University of Science and Technology, India)
P2-4	Food habits and migration pattern of the Japanese temperate bass <i>Lateolabrax japonicus</i> in the Yura River Estuary	Taiki Fuji <i>et al.</i> (Kyoto University, Japan)
P2-5	Oviposition site selection of frog breeding in coastal environment	Takashi Haramura (Kyoto University, Japan)
Cluster 3 - Present and Future of Marine Protected Area (MPA)		
P3-1	Marine Protected Area (MPA) in the context of ocean zoning: Its effectiveness in Xiamen China	Qinhua Fang <i>et al.</i> (Xiamen University, China)
P3-2	Integrated coastal zone management in Vietnam: Problems and Solutions	Nickolai V. Shadrin <i>et al.</i> (Institute of Biology of Southern Seas, Ukraine)
P3-3	Community based Marine Protected Area as a strategy to manage marine and coastal resources in Indonesia	Ma`ruf Kasim (Haluoleo University, Indonesia)
P3-4	Turtle Conservation Initiative in Bintan, Indonesia	Catharine K. Winata <i>et al.</i> (P.T. Bintan Resort Cakrawala, Indonesia)
Cluster 4 - Role of NGO and Education in Conservation and Restoration of Biodiversity		
P4-1	Development of integrated GIS system for broad-scale, long-term monitoring of seagrass beds in Japan	Masahiro Nakaoka <i>et al.</i> (Akkeshi Marine Station, Hokkaido University, Japan)
P4-2	Payment for Watershed Services (PWS): Economic valuation of perceived changes and adaptive incentives of goods/services	Hebin Lin <i>et al.</i> (Kyoto University, Japan)
P4-3	Preliminary survey on the socio-economic monitoring (SocMon) in Nanao Bay points to challenges to and prospects for coastal resources management	Rizalita R. Edpalina <i>et al.</i> (UN Univ-Institute of Advanced Studies, Japan)
P4-4	Institutional mechanisms for effective inter-local governmental planning and management of fisheries resources: The case of four municipalities in Baler Bay, Aurora, Philippines	Pedcris M. Orencio <i>et al.</i> (Hokkaido Univ, Japan)
P4-5	Education for sustainable development of Tokyo Bay as capacity building for ICM	Midori Kawabe (Tokyo Univ of Marine Science and Technology, Japan)

Access Guide

Symposium Venue - **Kyoto TERRSA** (Kyoto Citizen`s Amenity Plaza)
 Shinmachi Kujo, Minami-ku, Kyoto, Japan
 Tel: 81+75-692-3400, Fax: 81+75-692-3402
 (Access information available from 9AM to 9:30PM)

Accommodation – **Kyoto DAI-ICHI Hotel**
 Shimotonoda-cho, Higashikujo, Minami-ku, Kyoto, Japan
 Tel: 81+75-661-8800, Fax: 81+75-661-8110

Access Kyoto City

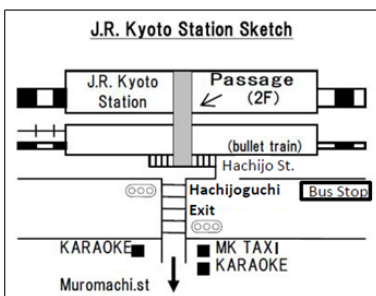
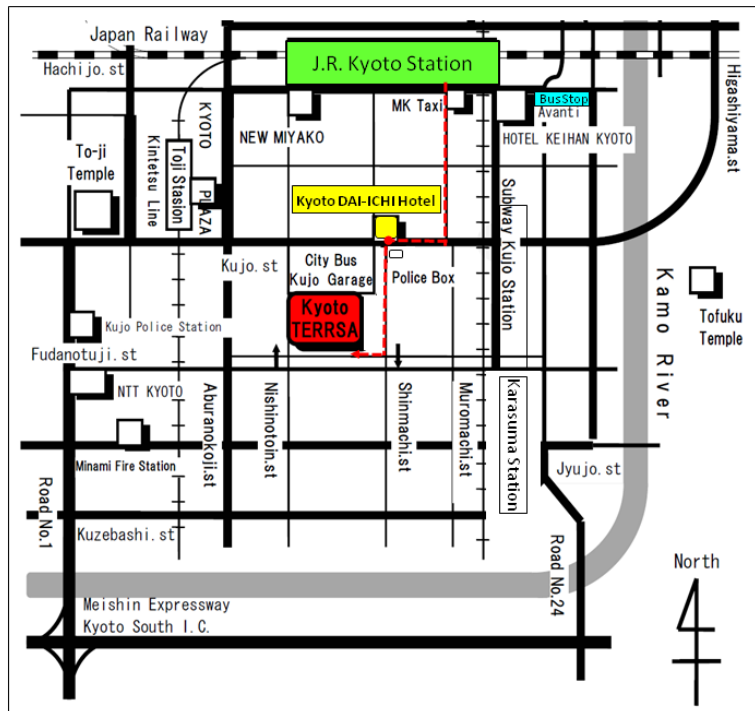
- 75 minutes by JR Haruka train from Osaka Kansai International Airport to Kyoto JR Station.
- 2 hrs by Limousine Bus from Osaka Kansai Airport to Kyoto JR Station (Hachijoguchi exit).
- 2.5 hrs by Shinkansen (bullet train) from JR Tokyo Station to Kyoto JR Station.

Access Kyoto Terrsa

- 5 minutes walk from Kujo Subway Station (Karasuma line).
- 5 minutes walk from To-ji Station (Kintetsu line).
- 15 minutes walk from Kyoto Station.
- 5 minutes walk from Dai-ichi Hotel

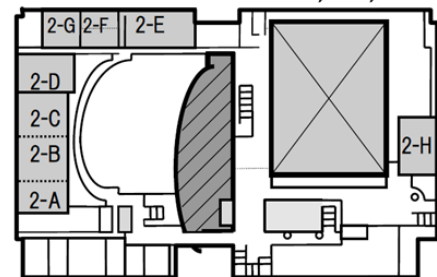
Access Kyoto Dai-ichi Hotel

- 6 minutes walk south from the Hachijoguchi Exit of Kyoto Station.



Floor Plan of Venue (2nd Floor of Kyoto Terrsa)

- Venue: Seminar Rooms 2-A, 2-B, 2-C
- 2F (East Building)
- 2-A.B.C.Seminar Room
 - (2-A.Seminar room No.1)
 - (2-B.Seminar room No.2)
 - (2-C.Seminar room No.3)
 - 2-D. Conference Room (Middle)
 - 2-E.A V Study Room
 - 2-F.Japanese Room & Tea-ceremony Room
 - 2-G.Cookery Room



Kyoto TERRSA Floor Map

