

Japan, Taiwan and the Philippines  
Joint KUROSHIO Workshop in Kaohsiung  
2008

**KUROSHIO BIODIVERSITY RESEARCH**  
International Symposium for Kuroshio Studies

30 November-4 December 2008

Auditorium, Department of Marine Environment and Engineering  
National Sun Yat-sen University  
Kaohsiung, Taiwan, ROC

**KUROSHIO CURRENT RESEARCH GROUP**

Asia-Pacific Ocean Research Center  
National Sun Yat-sen University  
Kaohsiung, Taiwan, ROC

**JAPAN, TAIWAN AND THE PHILIPPINES  
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The marine conditions in the coastal areas along the Kuroshio Current that originates east of the Philippines flows through the east coast of Taiwan and Japan are affected by this current and the broad scale phenomenon of global warming. To understand the current status of anthropogenic and natural environmental impacts on the countries along the Kuroshio Current and to deal with the situation, the workshop of 'Japan, Taiwan and the Philippines Joint KUROSHIO Workshop' with the focus on the Recent Changes in the Seaweed Ecosystem along Kuroshio Current-Towards Collaborative Rehabilitation of the 'Cradle of Fishes' was held in Kochi in November 21-22, 2007.

In Taiwan, the Kuroshio Current passes through the east side of the island with a branch extending into the South China Sea and the Taiwan Strait. The branching and meandering of the Kuroshio have been linked to the Southern Oscillation. Prevailing of the El Nino that usually resulted reduction of Kuroshio flow volume and strength, thus changing its branch flow pattern across the Bashi Channel, and adding to the complexity of the Kuroshio branching. The strength of the Kuroshio branch into the Taiwan Strait shows a clear seasonal pattern, being stronger in winter than in summer. Towards further understanding of how these oceanographic phenomena affect climate, biogeochemistry, biodiversity and marine resource production of the Kuroshio Sphere, which have been sparsely studied, systemic approach to unravel and assess the impact of global changes on the marine environment of Taiwan, and beyond is needed. The Kuroshio Research Group of Asia-Pacific Ocean Research Center in National Sun Yat-sen University has been carrying out joint investigation with representative universities in Taiwan, Kochi and the Philippines. This workshop of 2008 is an extension of the one held in 2007 and it will consist of invited talks, paper presentations, poster, and panel discussions in the field of (1) Coastal resource management, (2) Fisheries Resource, (3) Biodiversity (jellfish and seagrass), and (4) Biological Oceanography.

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 JOINT KUROSHIO WORKSHOP IN KAOHSIUNG  
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**Date:** 30 November – 4 December, 2008 (Sunday-Thursday)

**Venue:** Auditorium, Department of Marine Environment and Engineering,  
 National Sun Yat-sen University (NSYSU), Kaohsiung, Taiwan, ROC

**Sponsor:** Kuroshio Current Research Group of Asia-Pacific Ocean Research  
 Center, National Sun Yat-sen University, Kaohsiung, Taiwan, ROC

**Schedule:**

**Day 1 Arrival and reception** November 30, 2008 (Sunday)

**Day 2 Programme** December 1, 2008 (Monday)

Time	Program	
December 1, 2008 (Monday)		
08:00-09:00	<b>Registration and Welcome</b>	
09:00-09:20	<b>Opening Remark –Dr. HK Mok and Dr. Y Morooka</b>	
09:20-09:40	Coffee Break	
	<b>Speaker</b>	<b>Affiliation</b>
<b>Coastal Resource Management</b> (section chair: Jeng-Di Lee)		
09:40-10:00	Jeng-Di Lee	NSYSU
10:00-10:30	Keshavmurthy Shashank	RCBAS
10:30-11:00	Palma Ingles	National Oceanic and Atmospheric Administration
11:00-11:30	Plutomeo Moral Nieves	Bicol University
11:30-12:00	Masaru Kanda	Kochi University
12:00-14:00	Lunch Break	
<b>Fisheries Resource</b> (section chairs: D. Jegatheesan, Shui-Kai Chang)		
14:00-14:20	Chang SK	NSYSU
14:20-14:50	Ame EC	Bureau of Fisheries and Aquatic Resources
14:50-15:20	Nakamura Y	Kochi University
15:20-15:50	Soliman Victor Salcedo	Bicol University
15:50-16:20	Yagi Y	Kochi University
16:20-16:40	Haraguchi H	Kochi University
17:30-	<b>Banquet</b>	

**Day 3 Program** December 2, 2008 (Tuesday)

Time	Program	
December 2, 2008 (Tuesday)		
	Speaker	Affiliation
<b>Biodiversity (Jellyfish)</b> (section chair: Wen-Tseng Lo)		
09:00-10:00	Dawson, M.N and W.M. Hamner	USA
10:00-10:20	Wen-Tseng Lo	NSYSU
10:20-10:40	Coffee Break	
<b>Biodiversity (Seagrass)</b> (section chair: Bao-Sen Shieh)		
10:40-11:00	Shieh BS	Kaohsiung Medical University
11:00-11:20	Mok HK	NSYSU
11:20-11:40	Liu LL	NSYSU
11:40-12:00	Lee TM and Kao TW	NSYSU
12:00-14:00	Lunch Break	
<b>Biological Oceanography</b> (section chair: Ker-yea Soong)		
14:00-14:20	Chen Lee YL	NSYSU
14:20-14:40	Chen HY	NSYSU
14:40-15:00	Hung JJ	NSYSU
15:00-15:20	Lee CL	NSYSU
15:20-15:50	Soong KY	NSYSU
15:50-16:10	Coffee Break	
<b>16:10-17:00</b>	<b>General Discussion and Closing remarks</b>	
18:00-	<b>Banquet at a traditional Chinese restaurant</b>	

**Day 4 Excursion** December 3, 2008 (Wednesday)

1. Hsiao-Liu-Cchiu (Cobia marine culture) or
2. Taichung (Marine Biotech. Research, Farming IntelliGene Technology Corporation)

**Day 5 Departure** December 4, 2008 (Thursday)

Kaohsiung to Kochi

Taipei or Kaohsiung to Philippine