

沿岸海域の持続的な資源管理に関する国際シンポジウム
**International Symposium on the
Sustainability and Productivity of
Coastal Resources**

Date: 2011 January 19 (Wed.) 10:00 ~ 21 (Fri.) 18:00
Place: Ryojun Hall, Nagasaki University Sakamoto Campus

January 19 (Wednesday)

13:00~19:00 (10:00~registration)

Opening address : Prof. Shigeru Katamine (President, Nagasaki University)

Session 1 : Nutrient Dynamics and their effects on coastal ecosystems

Keynote speaker :

Prof. Kon-Kee Liu (National Central University / UC Davis)

Speakers List :

Yu Umezawa	Benoit Thibodeau
Eko Siswanto	Hannelore Waska
Chin-Chang Hung	Ryo Sugimoto
Atsushi Watanabe	Anukul Buranapratheprat
Young Baek Son	Naoki Yoshie

January 20 (Thursday)

9:00~17:00

Session 2 : Dynamics of biological resources
In the coastal and nearshore regions

Keynote speaker:

Prof. Masahiro Nakaoka

(Field Science Center for Northern Biosphere, Hokkaido University)

Speakers List :

Piyalap Tuntiprapas	Wei Li
Gregory Nishihara	Haruko Kurihara
Chris Cornwell	Sung-yin Yang
Juntian Xu	Gen Kume
Awantha Dissanayake	Kristine White

January 21 (Friday)

9:00~18:00

Excursion & Free discussion

日本語での情報はHPへ



長崎大学水産学部, 環東シナ海海洋環境資源研究センター(共催)

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科学技術振興調整費「若手研究者の自立的な研究環境整備促進プログラム」(平成19年度採択)

Symposium Website: <http://www-mri.fish.nagasaki-u.ac.jp/symposium/tt2011/index.html>



振興調整費

International Symposium on the Sustainability and Productivity of Coastal Resources

19 January (Wed)- 21 January (Fri)
Nagasaki University Medical School
Matsumoto Ryojun Auditorium
Bauduin Hall

Sponsored by

Nagasaki University

Nagasaki University Strategy for Fostering Young Scientists
Japan Science and Technology Agency (JST)



January 19 (Wednesday)

10:00 – 13:00 Registration

13:00 – 13:05 Welcome Address
Prof. Shigeru Katamine
(President, Nagasaki University)

13:05 – 13:30 Introduction
Yu Umezawa (Nagasaki University)

*Studies on nutrient dynamics conducted at Faculty of Fisheries,
Nagasaki University*

Session 1:

Nutrient Dynamics and their effects on coastal ecosystems

13:30 – 14:10 Keynote Address
Prof. Kon-Kee Liu
(National Central University /UC Davis)

*Nutrient dynamics and anthropogenic forcing in the western North
Pacific marginal seas*

14:10 – 14:35 **Eko Siswanto** (HyARC, Nagoya University)

*Remote sensing applications to elucidate environmental changes in
the marginal seas and coastal regions*

14:35 – 15:00 **Chin-Chang Hung** (National Taiwan Ocean University)

Biogeochemical impacts of atmospheric extreme events in the ocean

15:00 – 15:25 **Atsushi Watanabe** (Tokyo Institute of Technology)

pCO₂ distributions in the East China Sea-Japan Sea shelf estimated from climatological sea surface temperature, chlorophyll a and salinity

Coffee Break

15:45 – 16:10 **Young Baek Son**
(Korea Ocean Satellite Center, KORDI)

Marine Carbon Observation from Satellite Data

16:10 – 16:35 **Benoit Thibodeau** (AORI, the University of Tokyo)

Sedimentary nitrogen elimination in coastal environments

16:35 – 17:00 **Hannelore Waska**
(Max Planck Research Group, University of Oldenburg)

Submarine groundwater discharge: Impacts on intertidal nutrient budgets and benthic communities

Coffee Break

17:15 – 17:40 **Ryo Sugimoto** (Research Center for Marine Bioresources,
Fukui Prefectural University)

Application of stable isotope analysis to the nitrogen dynamics study in a eutrophic coastal environment

17:40 – 18:05 **Anukul Buranapratheprat** (Burapha University)

Roles of Turbulence on Chlorophyll-a distribution in the Upper Gulf of Thailand

18:05 – 18:30 **Naoki Yoshie**

(Center for Marine Environmental Studies, Ehime University)

Ecosystem and nutrient dynamics in the western Seto Inland Sea, Japan

19:00 – 21:00 Dinner at restaurant

January 20 (Thursday)

8:30 – 9:00 Registration

9:00 – 9:05

Session 2:

Dynamics of biological resources in the coastal and neashore regions

9:05 – 9:45 Keynote Address **Prof. Masahiro Nakaoka**

(Field Science Center for Northern Biosphere, Hokkaido University)

9:45 – 10:10 **Piyalap Tuntiprapas** (Prince of Songkla University)

Spatial and Temporal Variations of Seagrasses Coverage on Swimming Crabs (Portunidae) at Koh Tha Rai khanom-Mu Ko Tha Lae Tai national park, Thailand.

10:10 – 10:35 **Greg Nishihara** (Nagasaki University)

Placing a perspective on effects of physical variables on the primary productivity of rocky shores

Coffee Break

10:50 – 11:15 **Chris Cornwell** (University of Otago)

Predicting the effects of ocean acidification on New Zealand near-shore rocky reef macroalgal communities

11:15 – 11:40 **Juntian Xu** (Xiamen University)

*Positive and negative effects of CO₂-induced seawater acidification on photosynthetic performance of *Ulva prolifera* (chlorophyta)*

11:40 – 12:05 **Awantha Dissanayake** (Nagasaki University)

*Climate change impacts (ocean acidification and increased temperature) in Antarctic Krill *Euphausia superba**

Lunch & Picture

13:30 – 13:55 **Wei Li** (Xiamen University)

Effects of CO₂-induced seawater acidification on copepods from the coastal water of the Southern China Sea

13:55 – 14:20 **Haruko Kurihara** (University of the Ryukyus)

Ocean acidification and global warming climate change impacts on the coastal ecosystem

14:20 – 14:45 **Sung-yin Yang** (University of the Ryukyus)

Diversity and distribution of scleractinian associated Symbiodinium in the Chagos Archipelago, central Indian Ocean

Coffee Break

15:00 – 15:25 **Gen Kume** (Nagasaki University)

Spatial distribution and feeding habits of three species of larval fishes in Ariake Bay.

15:25 – 15:50 **Kristine White** (University of the Ryukyus)

Amphipods (Crustacea: Amphipoda) as bioindicators: the key to monitoring and preserving the sustainability of coastal resources?

Coffee Break

16:00 – 18:00 Workshop, Discussion, Conclusion

18:00 – 21:00 Dinner at restaurant

January 21 (Friday)

8:00 – 18:00 Excursion & Free discussion



国立大学法人

長崎大学

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