

The 15th *PAMS* Meeting¹

Third Announcement: Call for Abstracts

Dates: April 23 – 25, 2009

Venue: Novotel Ambassador, Busan, Korea

Rationale

PAMS is an acronym of Pacific–Asian Marginal Seas that comprise the Indonesian Seas, the South China Sea, the East China Sea, the Yellow/Bohai Sea, the East Sea (Sea of Japan), and the Okhotsk Sea. PAMS have experienced some of the most pronounced climatic and environmental changes since 20th century due to global warming and associated thermodynamic consequences. Common major changes include the warming of air and water temperature, changes in the precipitation pattern, more frequent occurrence of strengthened typhoon, and associated changes in ocean biogeochemical processes and ecosystem. The climate variability in PAMS is influenced by the monsoon, PDO (Pacific Decadal Oscillation), AO (Arctic Oscillation), and ENSO at different levels of significance. In spite of the some common observed climate variability in PAMS, there have been few comparative studies on the climate variability over different PAMS regions.

In recent years, scientific understanding of the global climate change has advanced notably owing to the development of global climate models (GCMs). Current GCMs, however, have mainly been focused on simulating global climate features, and thereby lacking certain key processes occurring in regional scales. Thus, it is important to assess the performance of GCM products and to identify uncertainties for those regional key processes by comparing the model products and observed long-term data. Analyses of long-term data would also elucidate the climate variability over the PAMS and their possible linkages, since all parts of the globe communicate and contribute to the global climate system through the large scale atmospheric and oceanic circulation systems.

These topics together with the issues of high-frequency phenomena and extreme events will be the main interest of discussions during the 15th PAMS Meeting in Korea.

¹ *PAMS* The Steering Committee has agreed unanimously to change the name from PAMS/JECSS to PAMS finally, as it was known formerly as JECSS and JECSS/PAMS, reflecting the expansion of the scope and areas of common interests in time since its inception in 1981.

Main Theme of the Meeting

Observations, Understanding, and Prediction of Climate Variability in PAMS

Scientific Topics

Regional Climate Processes in PAMS

Kuroshio and its Interaction with PAMS

Responses of PAMS to Global Warming

Asian Monsoon and ENSO and Their Impacts to PAMS

Modeling and Future Climate Projections in PAMS

Waves and Tides in PAMS

Extreme Events

Biogeochemistry and Ecosystem in PAMS

Other topics related to PAMS oceanography

Oral sessions & convener(s)

Dynamics and variability of the Kuroshio along the North Pacific Western Boundary

(Prof. Bo Qiu, Prof. Phil Hsueh, Prof. Qinyu Liu); bo@soest.hawaii.edu

Kuroshio and the ocean circulation in the Asian marginal seas (Dr. Dongliang Yuan,

Prof. Tetsuo Yanagi, Prof. Fangli Qiao); dyuan@ms.qdio.ac.cn

Behavior of Changjiang Diluted Water and circulation on the shelf in the East China Sea

(Prof. Takeshi Matsuno, Dr. Jae-Hak Lee, Prof. Xiaopei Lin);

matsuno@riam.kyushu-u.ac.jp

Internal waves, internal tides, and ocean response to typhoon (Dr. Jae-Hun Park, Prof.

Il-Ju Moon); jpark@gso.uri.edu

Toward better understanding of deep seas/circulation in the Northwestern Pacific and

Asian marginal seas (Prof. Yu-Heng Tseng, Prof. Sen Jan); yhtseng1@ntu.edu.tw

The South China Sea and its interaction with its neighboring seas and its impact on

climate (Prof. Yaochu Yuan); yuanyc2@yahoo.com.cn

Miscellaneous session

Meeting Outcome

Proceedings will be freely available at the Meeting. Presentation files will be collected with authors' permission to make a CD-ROM and to distribute it to all participants of the Meeting. Publication of the workshop presentations in a special issue of a relevant journal will be considered.

Deadlines

Submission of Abstracts: **March 15, 2009**

Registration: **March 15, 2009**

Submission of Abstract (see the attached form) and Registration Form

Send brief or extended abstract, and the attached registration form directly by e-mail or fax by **March 15, 2009** to LOC of the Meeting at:

Kyung-II Chang

Tel: +82-2-880-6747, Fax: +82-2-872-0311

E-mail: kichang@snu.ac.kr

On-site Registration Fee

\$100 (US dollars)

Postgraduate students: \$30 (US dollars) with student certificate

Web Site

<http://rio.snu.ac.kr/pams2009>

Registration and Abstract forms are available from the web site.

PAMS Steering Committee

Prof. Kuh Kim (Seoul National University, Korea, Chairman): kuhkim@snu.ac.kr

Prof. Kyung-II Chang (Seoul National University, Korea): kichang@snu.ac.kr

Prof. Phil Hsueh: (Florida State University, USA): hsueh@ocean.fsu.edu

Prof. Cho-Teng Liu (National Taiwan University, Taiwan): ctliu@ccms.ntu.edu.tw

Prof. Tetsua Yanagi (Kyushu University, Japan): tyanagi@riam.kyushu-u.ac.jp

Prof. Yuan Yaochu (Second Institute of Oceanography, China):
yuanyc2@yahoo.com.cn

Local Organizing Committee

Prof. Kyung-II Chang (Seoul National University): kichang@snu.ac.kr

Ms. So-Young Chang (Seoul National University): sychang@snu.ac.kr

Dr. Jae-Hak Lee (Korea Ocean Research & Development Institute): jhlee@kordi.re.kr

Prof. Yang-Ki Cho (Chonnam National University): ykcho@chonnam.ac.kr

Dr. Young-Sang Suh (National Fisheries Research & Development Institute):
yssuh@nfrdi.re.kr

Prof. Ho-Jin Lee (Korea Maritime University): hjlee@hhu.ac.kr

Prof. Tongsup Lee (Pusan National University): tlee@pnu.ac.kr

Prof. Kitack Lee (Pohang University of Science and Technology): ktl@postech.ac.kr

Schedule (Tentative)

	4/23 (Thursday)	4/24 (Friday)	4/25 (Saturday)	
Morning session	Registration 08:00~09:00	Oral Session III	Oral Session VII	
	Opening Session 09:00~09:30			08:30~10:20 (15 min.×6)
	Keynote Lecture 09:30~12:20 (30 min.×5)	Oral Session IV 10:20~11:50 (15 min.×6)	Wrap-up Session 10:50~11:50 (60 min.)	
	Lunch	12:20~13:30 (Free)	11:50~13:30 (Free) * Steering Committee Meeting	
Afternoon session	Oral Session I 13:30~15:00 (15 min.×6)	Oral Session V 13:30~15:00 (15 min.×6)		
	Poster Session I 15:00~16:30 (90 min.)	Poster Session II 15:00~16:30 (90 min.)		
	Oral Session II 16:30~18:00 (15 min.×6)	Oral Session VI 16:30~18:00 (15 min.×6)		
	Social events	18:30~20:30 Banquet (Free)		Optional tour (13:30~18:00)

Keynote Speakers

Prof. Changsheng Chen (Univ. of Massachusetta, USA)

Prof. Fang Guohong (State Oceanic Administration, China)

Prof. Shoshiro Minobe (Hokkaido Univ., Japan)

Prof. Mark Wimbush (Univ. of Rhode Island, USA)

Prof. Young-Hyang Park (National Museum of Natural Histories, France)

Registration Form

The 15th PAMS Meeting

23-25 April 2009, Novotel Ambassador Hotel, Busan, Korea

Prof./Dr./Mr./Ms.

(Family Name)

(Given Name)

Organization/Institution

Mailing Address

Phone

Fax

E-Mail

Meeting & Presentation

I plan to attend the meeting:

[] Yes [] No

I plan to present an oral talk:

[] Yes [] No

I plan to contribute to Poster Sessions:

[] Yes [] No

Please send the form directly by e-mail or fax to LOC of the Meeting at:

Kyung-Il Chang,

Tel: +82-2-880-6747, Fax: +82-2-872-0311

E-mail: kichang@snu.ac.kr

<Guide to Prepare an Abstract>

TITLE (16 POINTS, BOLD)

Author¹, others^{2,3,etc} (14 points, bold)

¹*Affiliation of the First Author followed by email address*

²*Affiliation of the Second Author*

*** Note: Presenting author's name must be underlined.**

Key words: 11 points, bold.

Abstract: Prepare a brief or an extended abstract not more than 4 pages, including title, author's name, affiliations, address, email, key words, and figures. All manuscripts must be in English. Please use A4 size white paper. All margin (top margin, bottom margin, left-side margin, and right-side margin) is in 25mm(1.0in). Single column, single-space format, and gray scale color for all the figures. The 12pt Times New Roman used as a default font for the content of abstract.

1. Introduction

2. Methods

3. Results

3.1 Result-1

4. Conclusions and Discussion

The brief or extended abstracts are recommended to write in Microsoft word (MS-Word) format, and submit as attachment file to the Chairman of Local Organizing Committee: kichang@snu.ac.kr. **Deadline for abstract submission on February 28, 2009.**

References

Senjyu, T., H.-R. Shin, J.-H. Yoon, Z. Nagano, H.-S. An, S.-K. Byun and C.-K. Lee, 2005. Deep flow field in the Japan/East Sea as deduced from direct current measurements. *Deep-Sea Research II* **52**, 1726-1741.