

# First CREAMS/PICES Workshop on East Asian Seas Time-series (EAST-I)

**Date:** April 21-22, 2005

**Venue:** Seoul National University (SNU), Seoul, Korea

**Convenors:** H. Batchelder (PICES/U.S.A.), K.-R. Kim (Korea), V. Lobanov (Russia) and Y. Sakurai (Japan)

**Program Committee:** G. Kim, S. Kim and K. Chang (Korea), and A. Bychkov (PICES)

**Organized by**

Research Institute of Oceanography, SNU

**Sponsored by**

Ministry of Maritime Affairs and Fisheries (MOMAF), Korea

North Pacific Marine Science Organization (PICES)

School of Earth & Environmental Sciences (BK21) of SNU

## BACKGROUND AND OBJECTIVES

Since its establishment over a decade ago, PICES has been interested in the dynamics of the marginal seas of the North Pacific Ocean. Apart from the eastern side of the Bering Sea, all such seas are located along the Asian continent. Recognizing that each marginal sea is unique, PICES is interested in promoting and coordinating scientific research in each of these seas. PICES has recently endeavored to produce routine reports on marine ecosystems of the North Pacific. This activity requires an ocean/climate observing systems and an analytical capacity to understand the changes that are occurring. In response to this need, the CREAMS/PICES Program that was endorsed at the PICES Thirteenth Annual Meeting (October 2004, Honolulu, U.S.A.) is initiating East-Asian Sea Time-series (EAST); a project to collect high resolution time-series of physical, chemical, and biological parameters in the marginal seas of the western North Pacific. Time series measurements of oceanographic parameters at critical locations in the world's oceans (*e.g.*, BATS, HOTS, Line-P/Station P, CalCOFI, Line-A, KNOT, SEATS, etc.) have provided unprecedented detailed information on the nature and complexity of the real ocean in operation. The stage is set to advance understanding of this complexity.

The Japan/East Sea will be considered initially because the CREAMS (Circulation Research in East Asian Marginal Seas) Program, a joint research effort by scientists from Japan, Republic of Korea, Russia, and USA, already collected comprehensive information on this marginal sea, and demonstrated that it behaves in many ways like a miniature of a large open ocean. The Japan/East Sea also poses important scientific questions - scientists are still trying to understand the dramatic changes in temperature and structure that occurred during the last 50-60 years. The EAST-I Workshop aims to provide a forum for exchange of scientific information and expertise which will lead to better predictions of the response of the world's oceans to global warming and climate change. The primary objective of the workshop is to exchange experiences of previous time-series studies in order to draw an implementation plan for the East Asian Seas Time-series.

## WORKSHOP STRUCTURE

The 1st day: About 10 oral presentations from world time-series stations (invited, 30~40 min/ea) and poster sessions (contributed)

The 2nd day: 4-6 oral presentations (contributed, 20~30 min/ea) related to EAST and 4 hours of group discussion on planning EAST.

## **ABSTRACT SUBMISSION**

The deadline for submission of abstract is March 15, 2005. Please send a computer file of your abstract (Word or Word Perfect file for PC or Mac or postscript file) by e-mail to the workshop Contact Person. Abstract format must comply with guidelines provided below.

Use 12 point pitch throughout the abstract and follow the following format:

**TITLE (ALL CAPITAL LETTERS)**

**Authors**

Affiliations of all authors, postal & email addresses for the corresponding author  
(Leave one line blank)

Abstract or extended abstract (up to 4 pages of A4 or letter size paper; leave 2-3 cm margins)

## **REGISTRATION AND ACCOMMODATION**

For registration please send the following information by e-mail to the workshop Contact Person by February 20, 2005:

Name, affiliation, position, address, email address, fax no., title of paper (if intend to make presentation), preference for accommodation, day of arrival, duration of stay.

Rooms are available at the Hoam Faculty House on the campus of Seoul National University (<http://www.hoam.ac.kr>).

## **CONTACT PERSON**

For questions regarding the scientific program, abstract submission, registration and accommodation, please contact

Dr. Guebuem Kim  
School of Earth and Environment Sciences  
Seoul National University, Seoul, Korea, 151-742  
Phone: +82-2-880-7508  
Fax: +82-2-887-0210 (Attn. G. Kim)  
E-mail: [gkim@snu.ac.kr](mailto:gkim@snu.ac.kr)