

Registration and abstracts

Those wishing to attend are invited to register and submit abstracts (maximum of 300 words) through the PICES website (www.pices.int). **The deadline for early registration and abstract submission is November 4, 2005.** Abstract format must comply with guidelines provided.

A discounted early registration fee of CDN\$ 225 (CDN \$ 150 for students) will be charged to help cover costs of the symposium. Regular registration (after November 4) is CDN\$ 325 (CDN\$ 225 for students) and subject to availability of space. A spousal registration fee is CDN\$ 50. Registration is not considered complete until the registration fee is received. Please refer to the PICES Home Page for detail instructions and forms.

Limited support is expected to be available to assist young scientists (35 years of age or younger) and scientists from countries with "economies in transition" to attend the symposium. Application procedure and forms can be found on the PICES Home Page (www.pices.int/secure/login.aspx). **Deadline for application is November 4, 2005.**

Because of venue arrangements and the intent for only plenary sessions and posters, we are limited to *ca.* 30 oral

talks and 90 poster presentations during this symposium. In the event that response (abstract submission) exceeds this, the Steering Committee will consider abstract merit and relevance, and date of submission in determining abstract acceptance. **Authors will be notified on the status of their submissions by January 4, 2006.**

Co-Convenors

Harold P. Batchelder (Oregon State University, U.S.A.)

Suam Kim (Pukyong National University, Korea)

Steering Committee

Makoto Kashiwai (Hokkaido National Fisheries Research Institute, Japan)

Gordon A. McFarlane (Pacific Biological Station, Canada)

Vladimir I. Radchenko (Sakhalin Research Institute of Fisheries & Oceanography, Russia)

Yasunori Sakurai (Hokkaido University, Japan)

Franklin B. Schwing (Pacific Fisheries Environmental Laboratory, U.S.A.)

Francisco E. Werner (GLOBEC International)

Sinjae Yoo (Korea Ocean Research & Development Institute, Korea)

Further Information

Complete information and the latest news about the symposium can be found on the PICES Home Page at "www.pices.int/meetings/international_symposia/Honolulu2006/default.aspx".

Symposium on
**Climate variability and ecosystem impacts on the North Pacific:
a basin-scale synthesis**



April 19 - 21, 2006

Honolulu, U.S.A.

Background and objectives

Atmospheric forcing, ocean structure, and ecosystem structure and population dynamics vary on many spatial and temporal scales. Dominant temporal scales are diel, seasonal, interannual and longer. In the past ten to fifteen years, marine scientists have begun to document evidence that basin-wide or large-scale changes might be significant forcing for decadal to millennium-scale changes in marine ecosystems. In 1994, the PICES Climate Change and Carrying Capacity (CCCC) Program, a regional program of the IGBP/SCOR/IOC GLOBEC International, was developed to provide a framework for examining climate-ecosystem linkages, mostly on regional scales, but with plans for broader-scale, basin-wide synthesis, in the North Pacific. The primary scientific objective of this symposium is to present a synthesis of the effects of seasonal to multi-decadal variability on the structure and function of the North Pacific that goes beyond the analysis and understanding developed from studies of a single trophic level, process or region—a True Synthesis.

The Symposium is organized by PICES and co-sponsored by GLOBEC.



Science themes

We invite scientific papers that provide inter-disciplinary or multi-regional comparisons on the specific science themes of the symposium:

Theme 1

Regime shifts, especially, examination of the ocean and ecosystem responses to known strong, infrequent changes in the North Pacific, such as those that occurred in 1977, 1989, and 1998;

Theme 2

Ecosystem productivity and structural responses to physical forcing, with an emphasis on shorter than inter-decadal time-scales—interannual (*e.g.*, such as El Niño and La Niña), seasonal and event scales;

Theme 3

Pan-Pacific comparisons, with an emphasis on comparisons of similar species or processes from multiple coastal ecosystems and of open ocean-coastal linkages and climate connections.

Papers on related topics will also be considered.

Dates and venue

The symposium will be held April 19-21, 2006, at the Hawaii Imiloa International Conference Center (East-West Center) in Honolulu, U.S.A.

Symposium structure

The symposium will have a combination of plenary oral sessions and poster sessions. Each day will cover one of the science themes and include about 10 oral presentations. Keynote speakers will provide 35-minute overviews and challenges for each science theme. Contributed papers that are accepted will be 25 minutes in length. Number of posters displayed each day will be limited, and poster-only time will be provided in the afternoons for discussion with authors. Specific discussion periods will be scheduled at the end of the first two days. The Closing Session on the third day will include “Perspective” talks and a panel-based discussion. The official language of the symposium will be English.

There will be a Welcome Reception for all participants on Wednesday, April 19.

Publication

The symposium proceedings will be published in a special issue of *Progress in Oceanography*. Papers, including those based on poster presentations, will be considered for publication following peer review. Interested authors will be required to submit one paper copy and an electronic version of their manuscript at the time of the meeting. Copies of the proceedings will be sent to all registered participants.