

# W4 MONITOR Workshop

## Filling the gaps in the PICES North Pacific Ecosystem Status Report

*Co-Convenors: Vyacheslav B. Lobanov (Russia), Phillip R. Mundy (U.S.A.), R. Ian Perry (Canada) and Sei-Ichi Saitoh (Japan)*

In 2004, PICES published the first status report on the marine ecosystems of the North Pacific (PICES. 2004. Marine ecosystems of the North Pacific. PICES Special Publication 1, 280 p.). It reviewed climatic, oceanographic, and fisheries conditions for all major regions in the North Pacific, with a focus on 1999-2003, and identified some of the critical factors causing changes in these ecosystems. Much was learned about the process of assessing the status of marine ecosystems, but much was also left out of the report. For example, benthic organisms, near-shore regions and contaminants were only sparsely discussed, and there were few attempts to provide synthetic or summary indices of ecosystem state that might be comparable among regions. In 2004, PICES also produced a report on Fisheries and Ecosystem Responses to Recent Regime Shifts, which included updated information that was not in the Ecosystem Status Report. The new MONITOR Technical Committee has accepted the responsibility to update this Ecosystem Status Report and to produce the next version. The purpose of this workshop is to examine the process used to develop and review the first status report (what worked, what did not), to consider other models of ecosystem status reports (*e.g.*, ICES, Global International Waters Assessment, and the recently released Millennium Ecosystem Assessment), and to identify themes and data sources that were poorly, or not at all, included in the first version. Presentations on these topics, and on existing monitoring programs that could contribute to the next Ecosystem Status Report, and on new sampling, observation and data processing technologies which might contribute directly to the next report, are invited.

*Saturday, October 1, 2005 08:30-18:00*

- 08:30-08:40     **Introduction by Convenors**
- 08:40-09:10     **R. Ian Perry and Skip McKinnell**  
PICES report on the marine ecosystems of the North Pacific: Why, how, and what's needed next (W4-2424)
- 09:10-09:40     **David L. Fluharty**  
Putting ecosystem science to work (W4-2362)
- 09:40-10:10     **Jacqueline Alder** (Invited)  
Millennium Ecosystem Assessment: Lessons learned (W4-2520)
- 10:10-10:30     **Coffee Break**
- 10:30-11:00     **P. Robin Rigby, Tetsuya Kato and Yoshihisa Shirayama** (Invited)  
Broadening our understanding of the North Pacific nearshore ecosystem: Integrating PICES and NaGISA (W4-2401)
- 11:00-11:30     **Sinjaee Yoo**  
Filling the gaps: The case of the Yellow Sea (W4-2542)
- 11:30-12:00     **Peter S. Rand, Xanthippe Augerot and Cathy D. Pearson**  
Progress on a range-wide inventory for Pacific salmon monitoring data (W4-2509)
- 12:00-12:30     **Phillip R. Mundy**  
Hypothesis-driven ecosystem monitoring in the Gulf of Alaska (W4-2595)
- 12:30-14:00     **Lunch**
- 14:00-18:00     **Discussion (with Coffee Break from 16:00-16:20)**

