

Subarctic Pacific, 2003), and SUPRFISH (Studies on Prediction and Application of Fish Species Alternation, 2007–2012). He was also a core member of a series of meso-scale iron fertilization experiments in the subarctic Pacific, Subarctic Pacific Iron Experiment for Ecosystem Dynamics Study (SEEDS-I and SEEDS-II) and Subarctic Ecosystem Response to Iron Enrichment Study (SERIES), which were recommended by the PICES Advisory Panel on *Iron Fertilization Experiment in the Subarctic Pacific Ocean*.

Hiroaki has been involved in IMBER (Integrated Marine Biogeochemistry and Ecosystem Research), an IGBP/SCOR core project, from the planning stage, and served as a member of the IMBER Scientific Steering Committee and the Chairman of IMBER-JAPAN from 2004–2008. He began his association with PICES in 1994, attending the

Third PICES Annual Meeting in Nemuro, Japan. Later, Hiroaki served as a member of the MODEL Task Team, Advisory Panel on *Iron Fertilization Experiment in the Subarctic Pacific Ocean*, Study Group on *Future Integrative Scientific Program(s)* and the FUTURE Science Plan Writing Team, and as Co-Chairman of the FUTURE Implementation Plan Writing Team. He is also an active member of the Biological Oceanography Committee and Working Group on *Iron Supply and its Impact on Biogeochemistry and Ecosystems in the North Pacific Ocean*. At PICES-2009, Hiroaki was appointed Chairman of COVE-AP. He is very excited at starting the new PICES science program as FUTURE's science largely overlaps with his research interests, and because he believes serious effort to answer the key questions of FUTURE is one of the obligations for scientists in the Anthropocene.



Robin Brown is the Manager of the Ocean Science Division of the Fisheries and Oceans Canada's Science Branch, located at the Institute of Ocean Sciences in Sidney, British Columbia. This is the institution that is

usually referred to informally as "Club Fed", due to its picturesque location on Patricia Bay. Robin is really old and has been at the ocean science game in various jobs for 32 years. In his attempt to find steady work, he has worked in biological, chemical and physical oceanography, studying marine bugs, water properties, currents, waves and sea ice. He has worked in the North Pacific, the Arctic and the North Atlantic. Along the way, he has dabbled in remote sensing and data management. In 1999, he was declared unfit for any real productive work and immediately promoted to management. He is responsible for a team of 70 scientists and technicians whose work is focused on the coastal waters of British Columbia, the North Pacific and the Arctic.

Robin has been involved in PICES activities since the inception of the Organization and served as a member and Chairman of the Technical Committee on Data Exchange, Chairman of the Study Group on *Ecosystem Status Reporting*, and a member of the Finance and Administration Committee.

PICES Interns



We offer sincere thanks to Mr. Yongling Zhu (left), the 2009 PICES intern from the Second Institute of Oceanography of the State Oceanic Administration (Hangzhou, PR China), who will complete his term at the PICES Secretariat in February. We appreciate his dedicated work during this past year and wish him a successful career.

We are glad to announce that Ms. Tatiana Semenova (right) will join the Secretariat in March as the 2010 PICES Intern. She graduated from the Institute of International Studies at the Far Eastern State University and has worked at the International Department of the Pacific Research Fisheries Centre (TINRO-Centre) in Vladivostok, Russia, since 2007. We look forward to her involvement in PICES activities.