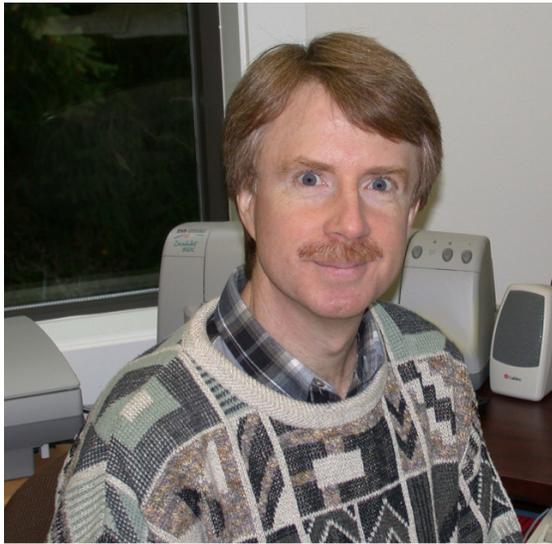

Science Board Chairman - R. Ian Perry



Dr. R. Ian Perry was elected Chairman of the PICES Science Board in October 2001, at PICES X in Victoria, B.C., Canada. Ian was born and raised in Vancouver, Canada, and from his early school years he had wanted to be a marine biologist. This was the 1960's, with increasing interest and awareness of the oceans thanks to authors like Rachel Carson and Jacques Cousteau. Of course, living by the sea and watching its changing moods helped, too. Once in university, he was surprised to find that everyone in biology wanted to be either a medical doctor or a marine biologist, so there was a lot of competition. He obtained his B.Sc. in zoology from the University of British Columbia, and then took a year off to work for Dr. Timothy Parsons on the CEPEX (Controlled Ecosystems Pollution Experiment) project and to travel. Working on CEPEX confirmed and rekindled his passion for oceanography. Although he considered doing his M.Sc. in Miami and Halifax, he stayed with Dr. Parsons at the University of British Columbia, reasoning that he could always go elsewhere for a Ph.D. Ian's graduate work involved a Ship-of-Opportunity sampling program on the north coast of British Columbia, a region whose biological oceanography was very poorly known. Coincidentally, the present Assistant Executive Secretary of PICES, Dr. Skip McKinnell, was conducting the shipboard sampling on the ship-of-opportunity. Ian ultimately skipped his M.Sc and went directly to a Ph.D. in zoology and oceanography, and was offered a position with Canada's Department of Fisheries and Oceans before he completed his thesis.

In 1984, Ian moved from Canada's third largest city on the mild west coast to a small village on Canada's cold east

coast to join DFO's Biological Station in St. Andrews, New Brunswick, as a fisheries oceanographer. His responsibilities were to bridge the gap between fisheries and oceanography, two disciplines that had rarely worked together. He spent seven years in St. Andrews, working and building collaborative programs between fisheries scientists and oceanographers, focusing on the Scotian Shelf, the Gulf of Maine, and Georges Bank. Work in the latter two of these regions brought Ian into collaborative programs with the U.S. National Marine Fisheries Service and other scientists at Woods Hole, MA. This led to involvement in the circulation and biological modelling studies funded in the first U.S. GLOBEC program, on Georges Bank.

Ian moved to the Pacific Biological Station, Nanaimo, B.C., in 1991 to work in the newly formed Ocean Environment and Fisheries Section. This involved developing research programs concerning environmental influences on fish distributions and recruitment in the Pacific. Since then, he has conducted research on the environmental effects and food web interactions of larval, juvenile and adult stages of a number of species of both finfish and invertebrates. He developed a framework to provide stock assessment advice for species about which almost nothing is known. He conducts the stock assessments for green sea urchins along the B.C. coast; and most recently, he has begun exploring ecosystem-based approaches to the study and management of marine systems in B.C.

Ian served on the Scientific Steering Committee for the Canada GLOBEC program, and was a member of the Executive Committee of the PICES Climate Change and Carrying Capacity (CCCC) Program, being part of the team that drafted the CCCC Implementation Plan. Along with Dr. Sinjae Yoo of Korea, Ian served as the first Co-Chairman of the MODEL Task Team. For the past six years, Ian has been the Vice-Chairman of the IGBP/SCOR/IOC GLOBEC program, and served as the first Chairman of its Focus 1 Working Group on retrospective analyses and time series studies. He has also just finished a term as Chairman of the Invertebrate Subcommittee of DFO's Pacific Scientific Advice Review Committee (PSARC), which evaluates the stock assessment activities for invertebrates in B.C. In his spare time, Ian is an Associate Editor for *Fisheries Oceanography*, enjoys reading (other books in addition to submitted manuscripts), swimming, hiking, and spending time with his family. Ian is now looking forward to the opportunities and challenges of PICES' Science Board.

CCCC Co-Chairman - Harold (Hal) P. Batchelder



Dr. Harold (Hal) P. Batchelder was born in New York, but grew up in Massachusetts, spending the summers of his youth at the beaches in New Hampshire and in the woods of New Hampshire and Maine. His father is a structural engineer, and once when asked by a teacher in grammar school to describe what his father does for a living, he responded, “he builds bridges out of toothpicks and glue”. Clearly, there was more to it than that! He was never pushed to follow his father’s footsteps in engineering, and was encouraged to pursue his own interests. In grade school he wanted to be a ‘forest ranger’ when he ‘grew up’, and he eventually went to the University of Maine to pursue this interest in forestry. Somewhere along the way as an undergraduate, he got “sidetracked” into marine science, with interests in, first, intertidal ecology, and later, plankton ecology.

In 1977 he moved west to Oregon State University, where he obtained an M.Sc in Oceanography working on the

population dynamics and structure of intertidal sea anemones. Fortunately, a technical position opened up on a project run by Professors Charles Miller and Bruce Frost, to sample zooplankton from the Canadian Weatherships *Quadra* and *Vancouver* at Station PAPA in the North Pacific, during their last 18 months prior to retirement (the ships, not the Professors!). Eventually, he returned to student status and completed a Ph.D. on the population dynamics and vital rates of the copepod, *Metridia pacifica*, in the subarctic Pacific.

Following a post-doctoral and marine research scientist position at the University of Rhode Island, Hal served for 6 years as the scientific director of the National U.S. GLOBEC Steering Committee Office, first at the University of California, Davis, and later at Berkeley. Presently he is an Associate Professor (Senior Research) at Oregon State University, and is Executive Director of the U.S. GLOBEC Northeast Pacific (NEP) Regional Coordinating Office. Consequently, most of his time is consumed by administrative work, but he still finds time to examine (via modeling studies) the interactions of plankton populations and physical flow fields, and has particular interests in coupling Lagrangian approaches, that include complex biological states and behaviors, with Eulerian descriptions of physics and lower trophic levels. In his spare time--what little there is--he goes hiking, biking and birding. Locally, he serves on the Board of the Audubon Society of Corvallis. Hal attended PICES II and PICES VII previously, but was only little involved in PICES administrivia. Obviously, that has changed dramatically since he began his term as PICES Climate Change and Carrying Capacity (CCCC) Co-Chairman at PICES X.

TCODE Chairman - Igor I. Shevchenko



Dr. Igor I. Shevchenko graduated from the Far East State University (Vladivostok, Russia) in Applied Mathematics (M. Sc.) in 1976. He received his Ph.D. in Computer Sciences from the Institute for Control Sciences of Russian Academy of Sciences (Moscow, Russia) in 1983. He spent two years at the Science Information Processing Center of the University of Tsukuba (Tsukuba, Japan), doing some research in Differential Games and AI Applications. Dr. Shevchenko is Associate Professor and Head of Informatics Department of the Institute of Mathematics and Computer Sciences of the Far East State University. He has worked for TINRO-Center since 1995, first as Head of Applied Mathematics Laboratory, and then as Head of the Information Technology Department. During these years he was involved not only in data management activity, but also in implementation of software for archiving and processing different types of data and metadata related to the Pacific Ocean. Dr. Shevchenko has served as a representative of Russia on TCODE since the PICES Sixth Annual Meeting.

POC Chairman - Kuh Kim



Dr. Kuh Kim got his Ph.D. in 1975 from M.I.T.-Woods Hole Oceanographic Institution Joint Program of Oceanography. Currently he is Professor of Physical Oceanography at the School of Earth and Environmental Sciences (SEES), Seoul National University. He has been the Dean and the Director of SEES since 1999. Dr. Kim's research interests include the meso-scale dynamics, circulation and climate change in marginal seas. His observations in the Japan/East Sea since 1980 have produced new findings on water masses and interannual variability in the Korea Strait and Ulleung Basin. He organized international expeditions called CREAMS (Circulation Research of the East Asian Marginal Seas) to study the circulation and its variability in the Japan/East Sea during 1993-1998 with Japanese and Russian colleagues. Since the First JECSS (Japan/East and East China Seas Study) Workshop in 1981, he has been working on the regional cooperation in oceanographic researches as a member of the JECSS Steering Committee, convenors of its bi-annual workshops, and editor of its proceedings. JECSS Workshop is changing its name to PAMS (Pacific-Asian Marginal Seas) Workshop, as exchange processes between the marginal seas and the North Pacific have been recognized as important parts of its interest. He has been the Chairman of the PAMS-JECSS Steering Committee since 1993. Presently, he also serves as a member of the International Argo Science Team. Dr. Kim has been with PICES as a member of the Physical Oceanography and Climate (POC) Committee since 1996, and was elected as the Chairman of POC at PICES X.

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activities in the future. Results from both the CGOA and CCS will be presented at the Ocean Sciences special session on "Coupled biophysical processes, fisheries resources, and climate variability in coastal ecosystems of the Northeast Pacific Ocean" in February 2002. Meetings such as the GLOBEC International 2nd Open Science Meeting and PICES XI in Qingdao, People's Republic of China, in October 2002, will continue to provide additional venues for interactions between PIs working in the two regions, and with scientists from other GLOBEC or GLOBEC-like programs.

Most of the results that have been reported to date are the result of the initial monitoring, modeling and retrospective projects begun in 1997. Approximately two dozen papers funded by GLOBEC NEP appear in 3 special volumes of *Progress in Oceanography*. Additional papers are in press in other journals. An even greater number of scientists who were involved in the recently completed process studies of 2000-2001 are actively analyzing their data and preparing for the second year of intensive field studies. They have just had their first joint workshop to exchange information. What is clear is that the GLOBEC NEP program has been fortunate to occur at a time when ocean conditions in the NE Pacific have experienced strong signals—including a strong El Niño of 1997-98, the subsequent La Niña, and perhaps, although it is too early to say, a "regime shift" in the late 1990's. The species composition of

zooplankton ranging from the CalCOFI region (Ohman, pers comm.) through the GLOBEC CCS region to the shelf off Vancouver Island (Peterson, W.T., and Mackas, D.L. 2001. Shifts in zooplankton abundance and species composition off central Oregon and southwestern British Columbia. PICES Press, 9: 28-29) indicates a shift from a warm, unproductive regime to a cool, productive regime in the CCS. It remains to be determined whether this shift is a manifestation of a low-frequency "regime-shift" or a residual effect of the El Niño-La Niña of 1997-1999. In either case, the GLOBEC NEP sampling has a strong signal to work with, in both physical and biological fields and time series.

There have also been changes in the coordination of the NEP program. The NEP coordinating office moved to Oregon State University, Corvallis, OR, in June 2000. Hal Batchelder remains the Executive Director of the NEP program. The Interim Northeast Pacific Executive Committee that was described in 1998, has been replaced by a Northeast Pacific Executive Committee (NEPEXCO), consisting of scientists elected from among the funded principal investigators. Ted Strub of Oregon State University is the current Chairman of the NEPEXCO, which has 14 members representing diverse geographic, discipline and institutional interests. NEPEXCO members serve two-year terms, and can be re-elected.