

## 2009 PICES Awards

The presentation ceremony for two prestigious PICES awards took place on October 26, 2009, during the Opening Session of the PICES Eighteenth Annual Meeting in Jeju, Korea.

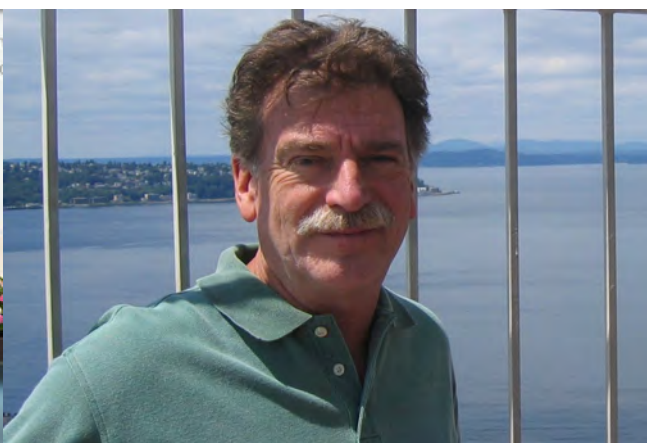
In 2000, PICES established an annual award for scientists who have made significant contributions to North Pacific marine science; have achieved sustained excellence in research, teaching, administration, or a combination of these in the area of the North Pacific; have worked to integrate the various disciplines of the marine sciences; and preferably, all of these in association with PICES. The award was named in honour of Professor Warren S. Wooster, a principal founder and the first Chairman of PICES, a world-renowned researcher of climate variability and fisheries production. Award description, nomination process and selection criteria are posted on the PICES website at [http://www.pices.int/Wooster\\_Award/default.aspx](http://www.pices.int/Wooster_Award/default.aspx). Prior recipients of the Wooster Award were Michael Mullin (2001), Yutaka Nagata (2002), William Percy (2003), Paul LeBlond (2004), Daniel Ware (2005), Makoto Kashiwai (2006), Kenneth Denman (2007), and Charles Miller (2008). To our deep regret Professor Wooster passed away in October 2008. He was not only a distinguished scientist,

but also an ambassador of international scientific cooperation. We will no longer be able to see him among the participants at the Annual Meetings, however, his spirit will be living in our minds through this Award.

The Wooster Award presentation ceremony was conducted by Drs. Tokio Wada (PICES Chairman) and John Stein (PICES Science Board Chairman). Dr. Wada introduced the award, and Dr. Stein announced the 2009 award recipient to be Professor Kuh Kim (Korea), an internationally distinguished physical oceanographer. The award was given in recognition of Professor Kim's scientific leadership in PICES (Chairman of the Physical Oceanography and Climate Committee from 2001 to 2004 and Chairman of the PICES Science Board from 2004 to 2007) and the global Argo array, his scientific research in the western Pacific that was pivotal in the initiation and success of the regional program on "Circulation Research in East Asian Marginal Seas" (CREAMS), and his great contribution to the development of the next generation of physical oceanographers and marine scientists. The full citation presented by Dr. Stein is included in the 2009 PICES Annual Report ([http://www.pices.int/publications/annual\\_reports/Ann\\_Rpt\\_08/2007%20OPENING\\_f.pdf](http://www.pices.int/publications/annual_reports/Ann_Rpt_08/2007%20OPENING_f.pdf)).



Professor Kuh Kim: (top left) giving remarks of appreciation at the 2009 Wooster Award presentation ceremony; (top right) posing with Drs. John Stein and Sinjae Yoo, the current and next Chairman of the PICES Science Board, respectively; (bottom left) enjoying conversation with Dr. Howard Freeland, his life-long friend and colleague; (bottom right) celebrating the end of a cruise with his students and Prof. Kyung-Ryul Kim.



(top left) Dr. Bernard Megrey and representatives of the Russian (Dr. Igor Shevchenko), Canadian (Mr. Robin Brown) and Japanese (Dr. Toru Suzuki) MFP teams at the 2009 POMA presentation ceremony; (top right) Mr. Allen Macklin (U.S. MFP member), who was not able to attend PICES-2009; (bottom left) members of the Korean and U.S. MFP teams in Busan, Korea; (bottom right) members of the Chinese and U.S. MFP teams at PICES-2007 in Victoria, Canada.

Progress in many aspects of marine science is based on ocean observations, monitoring, and management and dissemination of data provided by these activities. However, these activities are often behind the scenes, attracting little attention, so that they are seldom evaluated appropriately. To remedy this, a PICES Ocean Monitoring Service Award (POMA) was established in 2007 to recognize the sustained accomplishments of those engaged in monitoring, data management, and communication. This award aims at acknowledging organizations, groups and outstanding individuals who have contributed significantly to the advancement of marine science in the North Pacific through long-term ocean monitoring and data management. Award description, nomination process and selection criteria are posted at [http://www.pices.int/awards/POMA\\_award/POMA\\_award.aspx](http://www.pices.int/awards/POMA_award/POMA_award.aspx). The first award was presented in 2008 to the training ship T/S *Oshoro-maru* of Hokkaido University, Japan, for her long-term ecological monitoring activities in the northern North Pacific.

At the POMA presentation ceremony, Dr. Wada introduced the award, and Dr. Stein announced that the 2009 award be given to Dr. Bernard Megrey of NOAA-Fisheries' Alaska Fisheries Science Center and Mr. S. Allen Macklin of NOAA's

Pacific Marine Environmental Laboratory for their sustained efforts, vision, and leadership in building an inventory of biophysical data for the North Pacific, and for creating the PICES Marine Metadata Federation. The full citation presented by Dr. Stein is included in the 2009 PICES Annual Report ([http://www.pices.int/publications/annual\\_reports/Ann\\_Rpt\\_08/2007%20OPENING\\_f.pdf](http://www.pices.int/publications/annual_reports/Ann_Rpt_08/2007%20OPENING_f.pdf)). In this citation and the remarks of appreciation given by Dr. Megrey, who accepted the award, it was highlighted that the Metadata Federation Project (MFP) was not accomplished by just two people. Rather, it is the product of the collective effort of many experts representing national contributions from all PICES member countries, coordinated and solidly supported by the PICES Technical Committee on Data Exchange. The following individuals were specifically acknowledged: Kimberly Bahl (Joint Institute for the Study of the Atmosphere and Ocean, U.S.A.), Kyu-Kui Jung and Hae-Seok Kang (Korean Oceanographic Data Center), Toru Suzuki (Marine Information Research Center, Japan), Ruguang Yin and Jixiang Chen (National Marine Data and Information Service, China), Igor Shevchenko, Olga Vasik and Igor Burango (TINRO-Centre, Russia), and Robin Brown and John Holmes (Fisheries and Oceans Canada).

*We congratulate Professor Kuh Kim, Dr. Bernard Megrey, Mr. Allen Macklin and all PICES Metadata Federation Project national teams, as recipients of the Wooster and POMA awards for 2009.*