

S11 TCODE E-Poster Session

Data visualization of open ocean processes in the North Pacific

Session Convenors: Mark Merrifield (U.S.A.), Thomas C. Royer (U.S.A.) and Igor Shevchenko (Russia)

In keeping with the PICES XIII theme of open ocean processes, this session will provide an opportunity to present techniques that animate remotely sensed data such as TOPEX/Poseidon/Jason altimetry, SeaWiFS and MODIS ocean color, and sea surface temperature measurements. Integration of remotely sensed physical, biological and chemical data are solicited especially with regard to oceanic "hot spots" of biological activity. Electronic posters on techniques of data retrieval and archiving are also welcome.

Wednesday, October 20, 2004 17:30-19:30

Tatyana V. Belonenko and Alexey V. Koldunov

Research of the interrelation of sea level deviations and water temperature fluctuations in the northwest part of the Pacific on the satellite information basis (S11-1806)

Peter Etnoyer (Invited)

Visualizing pelagic habitat in the Northeast Pacific (S11-2171)

Andrew V. Golik and Vitaly K. Fischenko

The technologies of integration of the oceanographic data, tools of their visualization and analysis in internet-based GIS (S11-1849)

Albert J. Hermann, Enrique N. Curchitser, Dale B. Haidvogel, Elizabeth L. Dobbins, Sarah Hinckley and Christopher W. Moore

Immersive visualization of the circulation and biology of the Northeast Pacific using spatially nested model output (S11-2042)

Dmitry D. Kaplunenko, Young J. Ro, Vyacheslav B. Lobanov and Eung Kim

Development of web-based technology for composing comprehensive oceanographic data sets of the East/Japan Sea (S11-1975)

Abigail L. McCarthy, Selina S. Heppell, Scott S. Heppell, Molly E. Lutcavage and Thomas Dellinger

A characterization of pelagic habitat of loggerhead (*Caretta caretta*) turtles in the North Atlantic Ocean (S11-1935)

Vladimir I. Rostov, Natalia I. Rudykh, Elena V. Dmitrieva and Igor D. Rostov

Atlas of hydrophysical characteristics of the northeastern part of Kamchatka Peninsula (S11-1788)

Igor Shevchenko, Georgy Moiseenko and Olga Vasik

Using Marine Biology ontology for metadata exchange (S11-1943)

Mukti Zainuddin, Katsuya Saitoh and Sei-ichi Saitoh

Spatio-temporal dynamics of albacore fishing ground and environmental conditions detected by remotely sensed satellite data (S11-1941)

