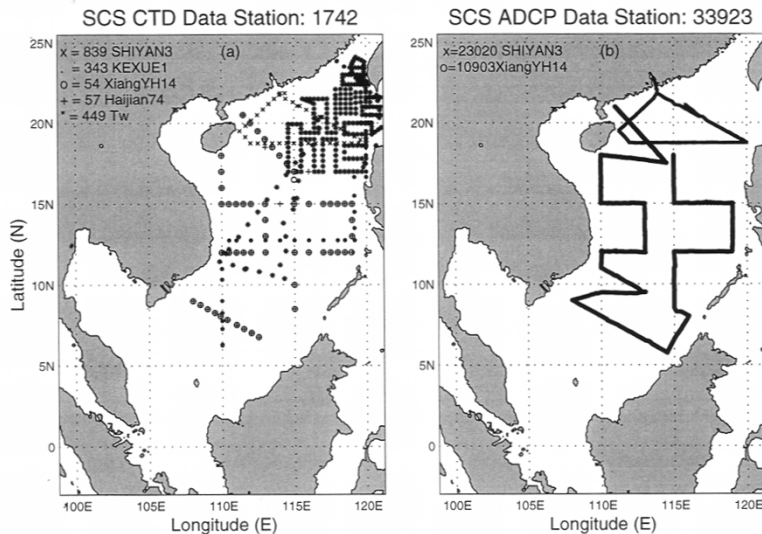


Shallow Water Analysis/Forecast System for the South China Sea

PI: Peter C. Chu (pcchu@nps.edu), Sponsor: ONR (Manager: Manny Fiedeiro)

1997-1998, Funding Level: \$91,641



Brief Description

Establishment of a coastal ocean analysis and forecast system using the Princeton Ocean Model and the data collected from the South China Sea Monsoon Experiment (SCSMEX)

NPS Thesis

Veneziano, J. "[Hurricane Effects on the South China Sea Thermal Structure](#)" MS in PO, March 1998

Ma, B., "[Seasonal and interannual thermohaline variability determined by the Navy's MOODS data](#)", MS in PO, September 1998.

Selected Publications

Chu, P.C., S.H. Lu, and Y.C. Chen, 2001: Evaluation of the Princeton Ocean Model using the South China Sea Monsoon Experiment (SCSMEX) data. [Journal of Atmospheric and Oceanic Technology](#), **18**, 1521-1539 ([paper download](#)).

Chu, P.C., J. M. Veneziano, and C.W. Fan, 2000: Response of the South China Sea to tropical cyclone Ernie 1996. [Journal of Geophysical Research](#), **105**, 13991-14009 ([paper download](#)).

Chu, P.C., N.L. Edmons, and C.W. Fan, 1999: Dynamical mechanisms for the South China Sea seasonal circulation and thermohaline variabilities. [Journal of Physical Oceanography](#), **29**, 2971-2989 ([paper download](#)).