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1996

# Littoral Zone Naval Ocean Prediction Systems, A Research Project Outline

Chu, Peter C.

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1993-1996, Principal Investigator, Littoral Zone Naval Ocean Prediction Systems,  
Naval Oceanographic Office  
<http://hdl.handle.net/10945/36657>

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# Littoral Zone Naval Ocean Prediction Systems

PI: Peter C. Chu ([pcchu@nps.edu](mailto:pcchu@nps.edu)), Sponsor: NAVOPCEANO (Manager: Mike Carron)

1993-1996, Funding Level: \$92,500

## NPS Theses

Li, Ching-Chung, "[A numerical simulation of seasonal circulation in the South China Sea](#)," MS in Physical Oceanography, March 1994

Fralick, Charles., "[Yellow Sea thermal structure](#)," MS in METOC, September 1994

Wells, Susan K., "[Temporal and spatial decorrelation scales of the Yellow Sea thermal fields](#)," MS in METOC,, September 1994

## Selected Publications

(1) Chu, P.C., Q.Q. Wang, and R.H. Bourke, 1999: A geometric model for Beaufort/Chukchi Sea thermohaline structure. [Journal of Atmospheric and Oceanic Technology](#), **16**, 613-632 ([paper download](#)).

(2) Chu, P.C., S.K. Wells, S.D. Haeger, C. Szczechowski, and M. Carron: 1997: Temporal and spatial scales of the Yellow Sea thermal variability. [Journal of Geophysical Research](#), **102**, 5655-5668 ([paper download](#)).

(3) Chu, P.C., C.R. Fralick, S.D. Haeger, and M.J. Carron, 1997: A parametric model for Yellow Sea thermal variability. [Journal of Geophysical Research](#), **102**, 10499-10508 ([paper download](#)).

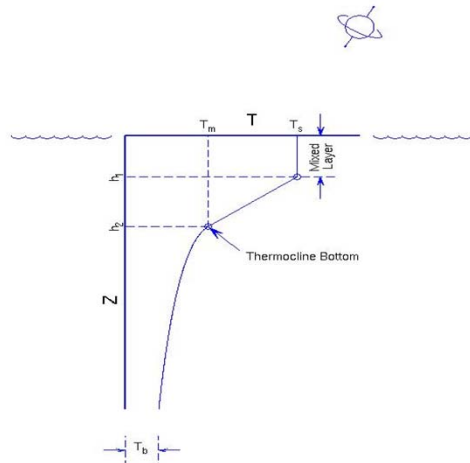


Fig. 1

## Brief Description

To improve the Navy's ocean prediction systems by studies on (1) relationship between the SST and the subsurface ocean thermal structure, (2) the horizontal coherence length scale in selected coastal regions