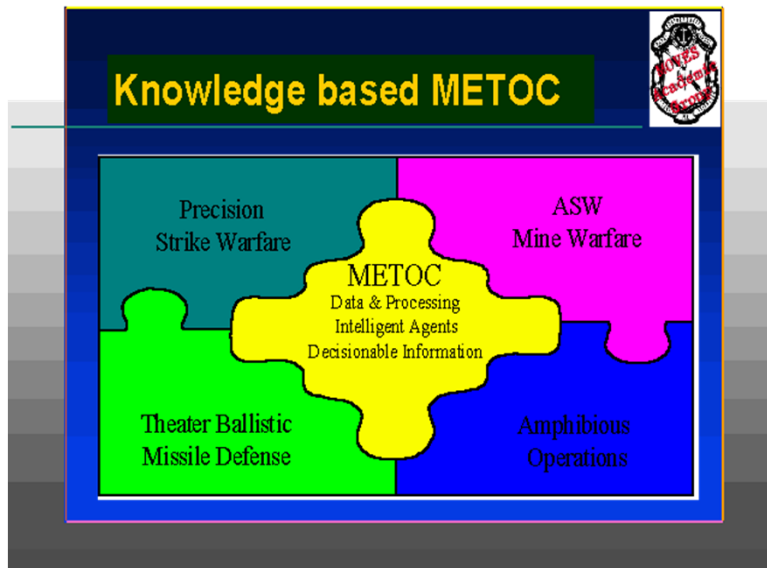


Laboratory Development for Modeling and Simulation in Ocean Environment

PI: Peter C. Chu (pcchu@nps.edu), Sponsor: CNO-N6M (through MOVES Institute)
2000-2001, Funding Level: \$51,000



Brief Description

To incorporate ocean environment into the Navy's cyberspace

NPS Thesis

Cintron, Carlos, "[Environmental impact on mine hunting in the Yellow Sea using the CASS-GRAB model](#)", MS in Physical Oceanography, March 2001

Selected Publications

Chu, P.C., M.D. Perry, E.L. Gottashall, and D.S. Cwalina, 2004: Satellite data assimilation for weapon acoustic preset program. *U.S. Navy Journal of Underwater Acoustics*, 54, 747-774.

Chu, P.C., M. D. Perry, E.L. Gottshall, and D.S. Cwalina, 2004: Satellite data assimilation for improvement of Naval undersea capability. [Marine Technology Society Journal](#), 38 (1), 11-23 ([paper download](#)).

Chu, P.C., and N. A. Vares, 2004: Uncertainty in shallow sea acoustic detection due to environmental variability. *U.S. Navy Journal of Underwater Acoustics*, 54, 347-367.