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Oceanography for Campaign Analysis on Undersea Warfare, A Research Project Outline

Chu, Peter C.

2005-2006, Principal Investigator, Oceanography for Campaign Analysis on Undersea Warfare, Naval Oceanographic Office
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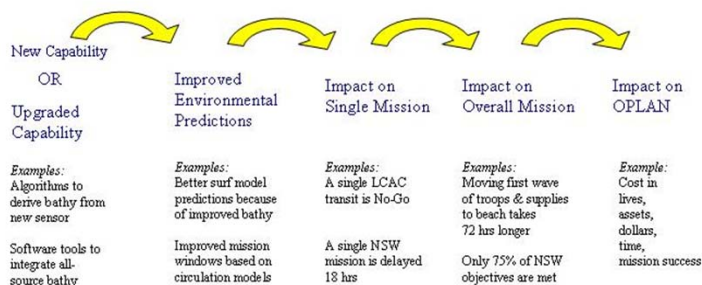
Oceanography for Campaign Analysis on Undersea Warfare

PI: Peter C. Chu (pcchu@nps.edu), Sponsor: NAVOCEANO 2005-2006

Funding Level: \$30,000

NPS Theses

Process to evaluate impact of environment on big picture



Brief Description

Campaign Analysis provides a method to demonstrate the benefits of incorporating METOC information into planning and execution of Naval missions. NAVOCEANO requires analysis to be performed to determine the impact of environmental data and ocean model products on Navy systems and missions for Naval Special Warfare (NSW) and Expeditionary Warfare (EXW).

(1) Kyriakidis, K., "[Baroclinicity, forcing mechanism, and prediction of chemical propagation of San Diego Bay and their effects on Naval applications](#)", MS in PO (with distinction) June 2005.

(2) Pauly, P., "[Sensitivity study of St. Andrew Bay rapid response system for Naval Applications](#)", MS in PO (with distinction), June 2005

Selected Publications

Chu, P.C., and K. Kyriakidis, 2011: Chemical spill characteristics in the San Diego Bay. *Marine Technology Society Journal*, **45** (2), 52-58