Littoral Oceanography for Mine Warfare

Chu, Peter C.

http://hdl.handle.net/10945/36656
Littoral Oceanography for Mine Warfare
PL: Peter C. Chu (pcchu@nps.edu), Sponsor: NAVOCEANO (Ronald E. Bestch)
2001-2011, Funding Level: $813,253

Recent NPS Theses
(7) Poteete, S., “Navy’s N-Layer Magnetic Model with Application to Naval Magnetic Demining”, MS in Meteorology and Oceanography, September 2010

More than 50 refereed journal papers have been published (see Publication List)

Brief Description
The long-term goals are to enhance the U.S. Navy's MIW capabilities through (1) improvement of coastal ocean modeling and data assimilation for surface and near-surface mine drifting, (2) determination of periodicity for MIW route surveys including influences by natural forcing functions (storms, cliimo, etc.), human activity (i.e., clutter increased by shipping activity, etc.), (3) development of analogous areas development of analogous CONUS areas that are environmentally "analogous" to a potential operational area of interest).