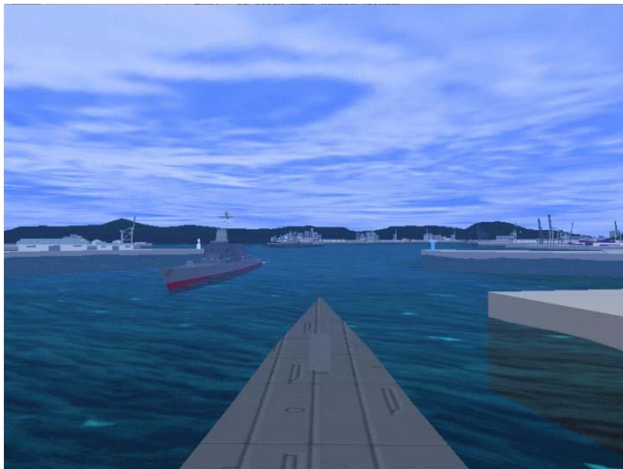# Synthetic Ocean for Modeling, Virtual Environment, and Simulation

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2001-2002, Funding Level: $51,874

Brief Description

To establish synthetic ocean for Modeling, Virtual Environment, and Simulation (MOVES)

NPS Thesis

Cintron, C., "Environmental impact on mine hunting in the Yellow Sea using the CASS-GRAB model", MS in Physical Oceanography, March 2001

Selected Publications

(1) Chu, P.C., R.F. Li, and X.B. You, 2002: Northwest Pacific subtropical contercurrent on isopycnal surface in Summer. *Geophysical Research Letters*, **29**, 10.1029/2002GLO14831, (paper download).

(2) Chu, P.C., J. Lan, and C.W. Fan, 2001: Japan/East Sea (JES) circulation and thermohaline structure, Part 2, A variational P-vector method. *Journal of Physical Oceanography*, **31**, 2886-2902, (paper download).

(3) Chu, P.C., J. Lan, and C.W. Fan, 2001: Japan/East Sea (JES) circulation and thermohaline structure, Part 1, Climatology. *Journal of Physical Oceanography*, **31**, 244-271, (paper download).