

South China Sea and Japan Sea Modeling

PI: Peter C. Chu (pcchu@nps.edu), Sponsor: NAVOCEANO (Michael Carron)

2001-2002, Funding Level: \$25,000

NPS Thesis

Michael J. Roth, "[A coastal air-ocean coupled system \(CAOCS\) for east Asian marginal seas prediction](#)", MS in METOC, September 2001.

Selected Publications

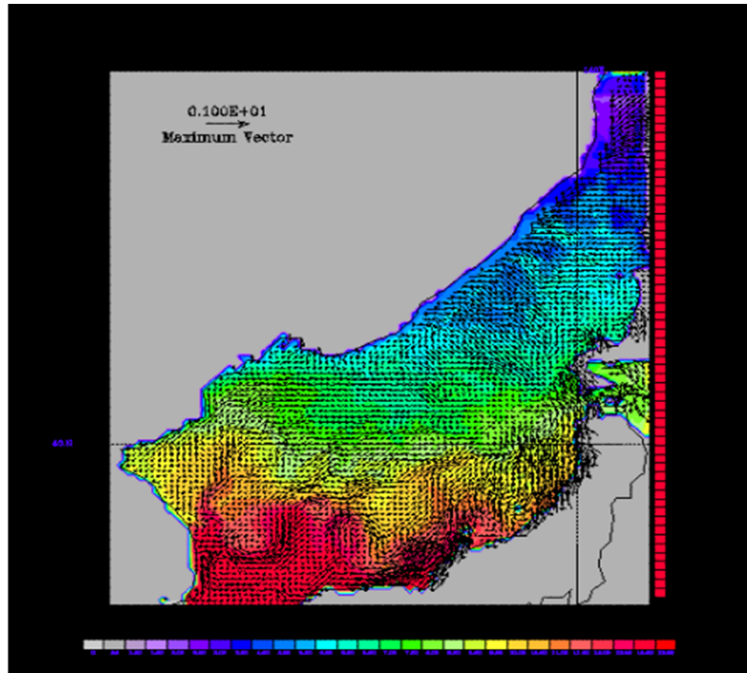
Chu, P.C., J. Lan, and C.W. Fan, 2001: Japan/East Sea (JES) circulation and thermohaline structure, Part 1, Climatology. [Journal of Physical Oceanography](#), **31**, 244-271, ([paper download](#)).

Chu, P.C., G.H. Wang, and Y.C. Chen, 2002: Japan/East Sea (JES) circulation and thermohaline structure, Part 3, Autocorrelation Functions. [Journal of Physical Oceanography](#), **32**, 3596-3615 ([paper download](#)).

Chu, P.C., G.H. Wang, and Y.C. Chen, 2002: Japan/East Sea (JES) circulation and thermohaline structure, Part 3, Autocorrelation Functions. [Journal of Physical Oceanography](#), **32**, 3596-3615 ([paper download](#)).

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](#)).

Wang, G.H., J.-L. Su, and P.C. Chu, 2003: Mesoscale eddies in the South China Sea observed with altimeter data. [Geophysical Research Letters](#), **30** (21), doi: 10.1029/2003GL018532 ([paper download](#)).



Brief Description

Improvement of NAVOCEANO's operational models with including new physical processes.