

‘Aha Huliko’a Workshop Series

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LONG-TERM GOAL

The goal of the workshop series is to review the state-of-the-art, to identify areas of ignorance, and to make recommendations for future research on a topic or topics relevant to the Office of Naval Research.

OBJECTIVES

The title of the next workshop is “*Near Boundary Processes and their Parameterization.*” The workshop participants will be tasked to assess the state of our understanding of the physical processes that link boundary layers and the ocean interior and that may need to be parameterized in ocean models. These processes include wave radiation, flow separation, secondary circulations, subduction and other complex and not yet fully understood processes near the sea surface, lateral boundaries and ocean bottom.

APPROACH

Conduction of workshop and publication of workshop proceedings and a meeting report in a professional journal.

WORK COMPLETED

The next workshop will be held in January 2003. About 25 participants have been invited. The workshop is being convened by Chris Garrett and the PI.

RESULTS

IMPACT/APPLICATION

TRANSITIONS

RELATED PROJECTS

REFERENCES

PUBLICATIONS

Müller, P. and D. Henderson, 2001: “From stirring to mixing in a stratified ocean.” Proceedings, 'Aha Huliko'a Hawaiian Winter Workshop, School of Ocean and Earth Science and Technology, Special Publication, 206 pp.

Müller, P. and C. Garrett, 2002: From stirring to mixing in a stratified ocean. *Oceanography*, **15**, 12-19.

PATENTS