

**Final Report, Office of Naval Research
Grant N00014-99-1-0216**

Research Described in Proposal Entitled
**October 1998 Internal Solitary Wave Workshop Organization and Coastal Mixing Coastal
and Optics Web Site Coordination: Expansion of ONR Grant N00014-95-1-0633**

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July 20, 2000

This grant was supported by the Physical Oceanography Program in the Processes and Prediction Division of the Ocean, Atmosphere and Space Department of ONR. The funds defrayed expenses for two activities related to our research into mixing in the coastal ocean. One was the organization of an international meeting of researchers studying nonlinear internal gravity waves throughout the world's oceans. The other was the building of a web site for the ONR Coastal Mixing and Optics (CMO) experiment, sponsored jointly by ONR Physical Oceanography and Environmental Optics.

A report on the international meeting was published as Woods Hole Oceanographic Institution technical report WHOI 99-07. The report contained papers submitted by the participants and a list of those in attendance. The papers are also published on the internet at <http://www.whoi.edu/science/AOPE/ISW98workshop/>. The workshop was held Oct. 27-29, 1998 at the Dunsmuir Lodge, University of Victoria, BC, Canada. It was organized by Tim Duda of Woods Hole and David Farmer of the Institute of Ocean Sciences, Canada.

The internet URL of the CMO site is <http://www.whoi.edu/science/AOPE/cofd1/cmo/>. The pages are securely served by the Woods Hole Oceanographic Institution. A printout of the primary page of the website is attached as part of this report. The website provides links to web areas with information and data from the various CMO investigators, and to the website for the special issue of the Journal of Geophysical Research covering the topics of coastal mixing and coastal optics.

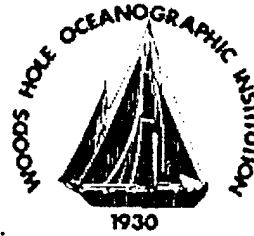
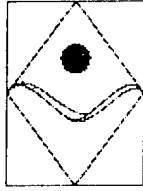
References

Duda, T. F., and D. M. Farmer, Editors, *The 1998 WHOI/IOS/ONR Internal Solitary Wave Workshop: Contributed Papers*. WHOI Tech Rept., WHOI-99-07, 251 pages, 1999.

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ONR Coastal Mixing and Optics Program (CMO)

Links to Web Sites

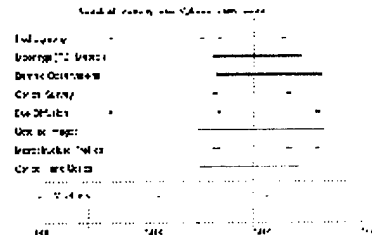
Coastal Mixing and Optics (CMO) Summary and Information Web Site at U. Washington/APL

This research is supported by The Office of Naval Research (ONR) Ocean, Atmosphere and Space Science and Technology Department, Physical Oceanography and Environmental Optics programs.

Personnel email data

This web page is maintained by Woods Hole Oceanographic Institution. Latest modif. 6 May 1999.

- **JGR CMO Special Issue**
- **CMO Cruise Reports**
- **CMO Data Links at JHU**
 - URL's for Archived Data
 - Detailed Timeline
- **CMO Project Websites at Other Institutions**
 - Johns Hopkins U/APL: RADAR SAT and AVHRR
 - UC Santa Barbara Optics and Hurricane Edouard Data
 - Oregon State U: SeaSoar Surveys, Site One
 - Oregon State U: SeaSoar Surveys, Site Two
 - Oregon State U: Ocean optics and ocean physics
 - Bedford Inst. EPSONDE Turbulent Microstructure
 - University of Washington. Overview and SAS experiment
 - Dalhousie University: Particle Aggregation
- **CMO Project Websites at WHOI**
 - Mooring meteorological, wave and ctd data
 - Dye Experiments Tracer Diffusion
 - Response of Particulate Optical Properties
 - Towed Microstructure during dye experiments



SuperBASS Tripod

● **Related Experiments**

- Shelf Break Dynamics and Acoustics (PRIMER)
- Synthetic Aperture Sonar (PRIMER)
- Shelfbreak Front Dye Injection

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REPORT DOCUMENTATION PAGE			<i>Form Approved OMB no. 0704-0188</i>	
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate of any other aspect of this collection of information, including suggestions for reducing this burden to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of management and budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.				
1. AGENCY USE ONLY (Leave blank)	2. REPORT DATE 8 September 2000	3. REPORT TYPE AND DATES COVERED Final Report: 1 Dec. 1998 – 31 Jan. 2000		
4. TITLE AND SUBTITLE October 1998 Internal Solitary Wave Workshop Organization and Coastal Mixing Coastal and Optics Web Site Coordination: Expansion of ONR Grant N00014-95-1-0633			5. FUNDING NUMBERS N00014-99-1-0216	
6. AUTHOR(S) Ledwell, James R. and Duda, Timothy F.				
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Applied Ocean Physics and Engineering Department Woods Hole Oceanographic Institution 98 Water Street Woods Hole, MA 02543-1053			8. PERFORMING ORGANIZATION REPORT NUMBER	
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES) Office of Naval Research			10. SPONSORING/MONITORING AGENCY REPORT NUMBER	
11. SUPPLEMENTARY NOTES				
12a. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release; distribution is unlimited			12b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200 words) see attached report and web site links				
14. SUBJECT TERMS coastal mixing, coastal and optics web site, internal solitary waves			15. NUMBER OF PAGES 3	
			16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT Unclassified	18. SECURITY CLASSIFICATION OF THIS PAGE Unclassified	19. SECURITY CLASSIFICATION OF ABSTRACT Unclassified	20. LIMITATION OF ABSTRACT Unlimited	