

Thin Layers Workshop

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LONG-TERM GOALS

The goal of the project was to convene a data workshop for the Principal Investigators and Program Managers of the Thin Layers Program.

OBJECTIVES

The objectives of the data workshop were (1) to review the progress of individual program components and (2) to facilitate data analysis and exchange among program components.

APPROACH

The meeting agenda was designed to include presentations of results to date by individual Principal Investigators, working groups on specific topics, and data analysis and synthesis. At the time of the workshop, the "Thin Layers Program" was midway through its fourth year of funding as a cohesive, Principal Investigator-driven program. A coordinated field program involving 13 Principal Investigators from 7 institutions and scientists from NRL, had taken place in East Sound, WA during the summer of 1998.

WORK COMPLETED AND RESULTS

The workshop convened 17-20 May 1999 at the Coastal Institute, Graduate School of Oceanography, University of Rhode Island. The Coastal Institute conference facilities were made available to the workshop at no cost. Eleven of the program's 15 Principal Investigators and 5 program managers attended the workshop. The remaining 4 Principal Investigators sent delegates, so that all of the individual research groups in the program were represented (Table 1). The general organization of the Workshop was overseen by a capable meeting coordinator, Ms. Lisa Cavallero. She was assisted by a part-time undergraduate student.

The workshop consisted of (1) presentations by individual research groups; (2) smaller topical working groups; and (3) data analysis and synthesis (Table 2). The first 1.5 days of the workshop were devoted to summaries of progress-to-date by individual Principal Investigators and/or their designates. The remaining ~2.5 days were more loosely organized so that the meeting participants could break out into smaller working groups for the purpose of engaging in data analysis, data synthesis, planning for publications, etc.

Report Documentation Page

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Table 1. Thin Layers Workshop participants.

<u>Principal Investigator</u>	<u>Workshop Attendees</u>
Alice Alldredge, UCSB	Christy Herren
Tim Cowles, OSU	Tim Cowles
	Mike Twardowski
Margaret Deksheniaks, URI	Margaret Deksheniaks
Percy Donaghay, URI	Percy Donaghay
	Jim Sullivan
Dian Gifford, URI	Dian Gifford
	Jeff Merrell
Van Holliday, TRACOR	Van Holliday
	Charles Greenlaw
	Duncan McGehee
Sally MacIntyre, UCSB	Sally MacIntyre
Tom Osborn, JHU	Tom Osborn
Mary Jane Perry, UW	Mary Jane Perry
	Mary Kay Talbot
Rick Pieper, USC	Rick Pieper
Jan Rines, URI	Jan Rines
David Smith, URI	None
Ron Zaneveld, OSU	Emmanuel Boss
Curt Davis, NRL	Joe Rhea
Alan Weidemann, NRL	Alan Weidemann
	Don Johnson
 <u>Program Managers:</u>	
Jim Eckman, ONR	
Ron Tipper, ONR	
Lou Goodman, ONR	
Kevin Sellner, NOAA, ECOHAB	
Elizabeth Turner, NOAA/ECOHAB	

Table 2. Thin Layers Workshop Agenda

Monday 17 May

0800-0820	COFFEE & Housekeeping
0820-0830	Some words from ONR: Jim Eckman
0830-0900	Physical Background (circulation): Margaret Deksheniaks
0900-0930	Theoretical basis of estuarine circulation: Tom Osborn

0930-1000 Physical background (moorings and transects): Percy Donaghay
 1000-1030 COFFEE BREAK
 1030-1100 Acoustical Background: Van Holliday
 1100-1130 Zooplankton/acoustics: Rick Pieper
 1130-1230 Discussion: Background Presentations
 1230-1330 LUNCH: Mossby Center
 1330-1400 Biological processes: High resolution profiles and grazing: Dian Gifford
 1400-1430 Biological processes: Primary Production, etc.: Mary Jane Perry
 1430-1500 Biological processes: physical/biological processes: Tim Cowles
 1500-1530 BREAK
 1530-1600 Biological processes: Horizontal distributions of phytoplankton: Jan Rines
 1600-1630 Biological processes: Marine Snow Studies and Physics: Sally MacIntyre
 1630-1730 Discussion of Biological process presentations
 1900 DINNER: Spanish Tavern Restaurant, Narragansett

Tuesday 18 May

0800-0830 COFFEE
 0830-0900 Optical Background (June 1998): Emmanuel Boss for Ron Zaneveld
 0900-0930 Optics/Physics: Alan Wiedemann/Don Johnson
 0930-1000 Optics: Bioluminescence: Christy Herren for Jim Case
 1000-1030 COFFEE BREAK
 1030-1230 Discussion of Optics presentations
 1230-1400 LUNCH: Mossby Center
 1400-1500 Discussion: organization for the remainder of workshop
 Start Discussion: Mechanisms forcing thin layers
 1500-1530 BREAK
 1530-1700 Continue discussion: Mechanisms forcing thin layers
 Evening DINNER: on your own

Wednesday 19 May

0800-0830 COFFEE
 0830-1000 Working Groups
 1000-1030 COFFEE BREAK
 1030-1230 Working Groups
 1230-1400 LUNCH: Mossby Center
 1400-1530 Working Groups
 1530-1600 BREAK
 1600-1700 Working Groups
 1900 CATERED DINNER: Donaghay Residence

Thursday 20 May

0800-0830 COFFEE
 0830-1000 Working Groups
 1000-1030 COFFEE BREAK
 1030-1230 Working Groups
 1230-1400 LUNCH: Mossby Center
 Afternoon: End of Workshop
 Optional Working Groups until 1700