HyCODE

Capabilities in the field of ocean optics have progressed greatly since the days when we could only measure Secchi depth, chlorophyll fluorescence, and beam attenuation. We now have tools for measuring a multitude of in-water optical properties at many wavelengths and both airborne and satellite sensors for detecting ocean color. We also understand more about the relationships among optical properties, the impacts of various constituents on optical properties, and the spatial and temporal variability of optical properties. The Hyperspectral Coastal Ocean Dynamics Experiments were conceived to explore the utility of hyperspectral ocean color data for evaluating optically important constituents, estimating vertical structure in the near-surface ocean, developing optical property and bathymetry algorithms, and refining treatment of optical properties in coupled ocean-atmosphere models. In this special issue, the authors have tried to present aspects of their results that apply to broad oceanographic research questions.

I thank all the HyCODE investigators and collaborators for their hard work, boundless energy and enthusiastic teamwork. Thanks also to Jennifer Ramarui and Ellen Kappel for the opportunity to guest edit this special issue.

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The views expressed in this column are those of the author and do not necessarily reflect the position of the Office of Naval Research.

Upcoming Issues

SEPTEMBER 2004 (17-3)
Reviews of Topics in Oceanography

Some of the contributors:
- David Smith, University of Rhode Island, on deep ocean biosphere
- Raffaele Ferrari, Massachusetts Institute of Technology, on mesoscale eddies
- Wonn Soh, Japan Marine Science and Technology Center, on long-term sub-bottom measurements
- Miquel Canals, University of Barcelona, on suspended plume formation in the Mediterranean
- Pat Tester, National Oceanic and Atmospheric Administration, on harmful algae (*Pfiesteria*)
- Christina Ravelo, University of California, Santa Cruz, on climate change over the last 5 million years.

DECEMBER 2004 (17-4)
Strata Formation on European Margins: A Tribute to EC-NA Cooperation on Marine Geology

Guest Editors:
- J.P.M. Syvitski, Institute of Arctic and Alpine Research, University of Colorado, Boulder, USA
- Phil Weaver, Southampton Oceanography Centre, United Kingdom
- Serge Berne, Institut français de recherché pour l'exploitation de la mer, France
- Charles Nittrouer, University of Washington, Seattle, USA
- Fabio Trincardi, Istituto di Scienze Marine/ Consiglio Nazionale delle Ricerche, Italy
- Miquel Canals, University of Barcelona, Spain

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Women in Oceanography

Guest Editor:
- Margaret (Peggy) Delaney, University of California, Santa Cruz