Frank Bahr
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Education:

B. S., Christian Albrechts University, Kiel, Fed. Rep. Germany, 1981; M. S., University of Hawaii (Physical Oceanography), 1986.

Positions held:

Research Associate, 1991–2000; Research Specialist, 2000–present, Woods Hole Oceanographic Institution,
Research Assistant, University of Hawaii, 1983–1985;
Research Assistant, Alfred Wegener Institute, Bremerhaven, Germany, 1986.
Research Assistant, University of Hawaii, 1987–1988;
Junior Researcher, Joint Institute for Marine and Atmospheric Research (JIMAR), 1989–1991;

Research Interests

Work with instrumentation from development and maintenance through data acquisition at sea, data processing, and assistance in analysis. This includes:

- the SeaSoar, a towed undulating vehicle for collecting hydrographic data in the upper 200-400m of the water column, and related vehicles (e.g., Scanfish)
- acoustic Doppler current profilers (ADCP)
- AutoIMET, a collection of surface meteorological instruments designed for deployment on board Volunteer Observing Ships (VOS), typically container ships.
- REMUS, an autonomous vehicle

Recent or Pertinent Publications

Bahr, Frank, and Eric Firing, Jiang Songnian, 1990. Acoustic Doppler current profiling in the Western Pacific during the US-PRC TOGA cruises 5 and 6. *Joint Institute for Marine and Atmospheric Research (JIMAR) Data Report No. 7*, 161 pp.

Bahr, Frank and T. M. Joyce, 1997. Acoustic doppler current profiling in the Western Pacific during the WOCE P10 cruise, November/December 1993. *Woods Hole Oceanographic Institution Technical Report*, WHOI-97-04. 130 pp.

Joyce, Terrence M., James R. Luyten, Frank B. Bahr, Julie S. Pallant, 1998. Mesoscale structure of subducting water in the subtropical gyre of the eastern North Atlantic Ocean. *Journal of Physical Oceanography*, **28**, 40–61.

Gawarkiewicz, Glen, Frank Bahr, Robert C. Beardsley and Kenneth H. Brink, 2001. Interaction of a slope eddy with the shelfbreak front in the Middle Atlantic Bight. *Journal of Physical Oceanography*, **31** (9), 2783–2796.

Brink, K. H., F. Bahr, and R. K. Shearman (2007), Alongshore currents and mesoscale variability near the shelf edge off northwestern Australia, J. Geophys. Res., 112, C05013, doi:10.1029/2006JC003725.

No synergistic activities to report.