Frederick Bingham

Center for Marine Science
Department of Physics & Physical Oceanography
University of North Carolina at Wilmington
601 S. College Rd.
Wilmington, NC 28403-5928
email: binghamf@uncw.edu

orcid: 0000-0001-9848-7141

Education

1984	B.A. in Physics, Oberlin College
1990	Ph.D. in Oceanography University of California, San Diego
2012	Masters of Science, Computer Science and Information Systems University of North Carolina Wilmington

Employment

1990-1991	Foreign Postdoctoral Fellow Tohoku University, Sendai, Japan
1992-1994	Assistant Researcher University of Hawaii at Manoa
1994-present	Assistant, Associate and full Professor, Department of Physics & Physical Oceanography University of North Carolina at Wilmington
2005	Visiting Associate Professor Tohoku University, Sendai, Japan

Professional Affiliations

American Geophysical Union, The Oceanography Society, Oceanographic Society of Japan; European Geosciences Union, NASA Ocean Salinity Science Team

Peer-reviewed Publications

Guimbard,S.; Reul,N.; Sabia, R.; Herlédan, S.; Khoury Hanna, Z.E.; Piollé, J.-F.; Paul, F.; Lee, T.; Schanze, J.J.; Bingham, F.M.; et al. The Salinity Pilot-Mission Exploitation Platform (Pi-MEP): A Hub for Validation and Exploitation of Satellite Sea Surface Salinity Data. Remote Sens. 2021, 13, 4600. doi:10.3390/rs13224600

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S-MODE Participation, submitted March 2019. From NASA AMES. $254,994.

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Subfootprint Variance and Surface Salinity Extreme Values as Indicators of Air-sea Interaction. NASA Ocean Salinity Science Team. Co-investigator: Oksana Chkrebtii, Ohio State University. $373,167

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Multi-scale Data Assimilation, Forecasting and Modeling in Support of SPURS-2. From NASA. Co-Is Z. Li and P. Li, NASA JPL. $100,500.

The SPURS-2 Information System (SPURS-IS). From NASA. Co-I's, Z. Li and P. Li, NASA JPL. $426,892.

SPURS Field Campaign Analysis Phase. From NASA. PI: T. Farrar (WHOI). $50,000 (UNCW portion). 1/1/2014-6/30/2015.

The SPURS Data Management System. From NASA. Co-Is, Yi Chao and Peggy Li, NASA JPL. $342,042. 1/1/2011 – 12/31/2014.

Statistical Evaluation of Sea Surface Salinity from Aquarius. From NASA. Co-I, Montserrat Fuentes, NCSU. $210918. 10/1/2009 – 9/30/2012.

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Short-term Invitation Fellowship. From Japan Society for the Promotion of Science, for travel and subsistence during fellowship. 1999.

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SPURS-1

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