

Research Credits – Bruce W. Ford

Publications

Ford, B., and T. Murphree, 2006. Smart Climatology in Support of Naval War Fighters. Naval Postgraduate School Technical Report, in review.

Murphree, T., S. Bograd, F. Schwing, and B. Ford. 2003. Large scale atmosphere-ocean anomalies in the northeast Pacific during 2002 and their impacts on the California Current System. *Geophysical Research Letters*, 30, 8026-8029.

Sullivan, D., J. Zande, S. Butcher, T. Murphree, and B. Ford, 2003. Using marine technology to teach ocean literacy and workplace competencies. *Current: The Journal of Marine Education*, 19, 3:20-26.

Sullivan, D., B. Ford, and T. Murphree, 2000. Educational Competencies for Marine Science and Technology Occupations, Marine Advanced Technology Education Center, Monterey, CA, 55 pp.

Ford, B. W., 2000. El Nino and La Nina Events and Tropical Cyclones: Impacts and Mechanisms. Masters of Science Thesis, Naval Postgraduate School, Monterey, CA.

Conference Presentations

Murphree, T., and B. Ford, 2006. Mechanisms for El Nino and La Nina induced anomalies in tropical cyclone formation and motion in the northwest Pacific. 27th Annual Hurricanes and Tropical Meteorology Conference, American Meteorological Society, Monterey, CA, 24-28 April 2006.

Murphree, T., B. Ford, F. Schwing, S. Bograd, and R. Mendelsohn, Dynamic Similarity in Large Scale Climate Variations of the Northeast Pacific and Northwest Atlantic, Ocean Sciences Meeting. American Geophysical Union, Portland, OR, January 2004.

Murphree, T., B. Ford, R. Tokmakian, F. Schwing, S. Bograd, and P. Green, The Role of Wind Stress Curl in Coastal Climate Variations of the Northeast Pacific, Pacific Climate Workshop, American Geophysical Union, Pacific Grove, CA, March 2004.

Sullivan, D., B. Ford, and T. Murphree. Are We Adequately Preparing Students for Ocean Occupations? Oceans 2003 Marine Technology and Ocean Science Conference, Marine Technology Society, San Diego, CA, September 2003.

Sullivan, D., J. Zande, B. Ford, and T. Murphree. A Strategy for Improving Marine Technical Education, Offshore Technology Conference, Houston, TX, May 2003.

Murphree T., F. Schwing, B. Ford, and P. Hildebrand. Climate variations in the northeast Pacific: dynamic similarities and links to the northwest Atlantic. Ocean Sciences Meeting, February 2002, Honolulu, HI.

Murphree T., F. Schwing, B. Ford, and P. Hildebrand. Dynamic similarities in North Pacific-North American climate variations. 19th Annual PACLIM Workshop, March 2002, Pacific Grove, CA.

Murphree T., F. Schwing, and B. Ford. Northeast Pacific climate variations: characteristic atmosphere-ocean relationships and mechanisms. Northeast Pacific Scientific Investigators Meeting, November 2002, Corvallis, OR.

Sullivan, D., T. Murphree, B. Ford, J. Zande, S. Butcher, N. Crane, and J. Hall. A strategy for improving marine technical education. Ocean Sciences Meeting, February 2002, Honolulu, HI.

Other Projects

MarineTech.org – Marine Advanced Technical Education Center – June 2005 – present

OceanCareers.com – California Center for Ocean Science Education Excellence – 2005 – Present

METOC Metrics Operational Impacts Project – Naval Atlantic Meteorology and Oceanography Center, Norfolk Va - 17 February 2006 through 31 July 2006

Analysis of Weather Forecast Impacts on United States Air Force Combat Operations - Naval Postgraduate School – 2005-2006

Metrics of METOC Forecast Performance and Operational Impacts on Carrier Strike Operations. Naval Postgraduate School – 2005-2006

Scientific Research and Programming Support Services – Naval Postgraduate School - 29 September 2004 through 30 September 2005