

Catherine Stephens

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EDUCATION

M.S. Meteorology, Florida State University, December 1992
B.S. Meteorology, Florida State University, April 1991
Minors in mathematics and physics

PROFESSIONAL SOCIETIES and AWARDS

Department of Commerce Gold Medal Recipient (2002)
NSF Award - Research Experience for Undergraduates (1990)
Chi Epsilon Pi (Meteorological Honor Society)
American Meteorological Society

PUBLICATIONS

Timothy Boyer, Sydney Levitus, Hernan Garcia, Ricardo A. Locarnini, Cathy Stephens, John Antonov, 2005: Objective analyses of annual, seasonal, and monthly temperature and salinity for the World Ocean on a 0.25° grid. *International Journal of Climatology*, **Volume 25, Issue 7**, pp. 931-945.

Stephens, C., J. I. Antonov, T. P. Boyer, M. E. Conkright, R. A. Locarnini, T. D. O'Brien, H. E. Garcia, 2002: World Ocean Atlas 2001, Volume 1: Temperature, Volume 2: Salinity. S. Levitus, Ed., NOAA Atlas NESDIS 49,50, **U.S. Government Printing Office, Wash., D.C.**, 167 pp., CD-ROMs.

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Levitus, S., J. Antonov, T.P. Boyer and C. Stephens, "Warming of the World Ocean", *Science*, March 24, 2000.

Stephens, C., J. F. Shriver and J. J. O'Brien, "The Effects of El Niño on Rainfall and Fire in Florida", *The Florida Geographer*, Volume 30, 1999, pages 55-69 (ISSN 0739-0041) Morton D. Winsberg, Editor.

Conkright, M.E., W.W. Gregg, C. Stephens (1998) Historical chlorophyll data sets: Intercomparison of the NODC and NASA archives. EOS Transactions, Amer. Geophys. Union, 79:91.

Jones, C. Stephens and M. J. Suarez. 1996. Modeled cloud effects on the surface energy balance Eighth Conference on Air-Sea Interaction and the Conference on the Global Ocean-Atmosphere-Land system (GOALS), AMS preprints.

Jones, C. Stephens, D. M. Legler and J.J. O'Brien. 1995. Variability of surface fluxes over the Indian Ocean 1960-1989. The Global Atmosphere and Ocean System, Volume 3.

Meyers, S.D., C. Stephens Jones, D.M. Legler, K. F. Miles and J.J. O'Brien. 1993. The sensitivity to parametric variation in direct minimization techniques. *Monthly Weather Review* (July).

Jones, C. Stephens, J.R. Norris and M.J. Suarez. 1993. Simulation of the Earth radiation budget in an atmospheric GCM. Proceedings of the Eighteenth Annual Climate Diagnostics Workshop.