

Dr. John O. Roads
Scripps Institution of Oceanography
Experimental Climate Prediction Center
UCSD, La Jolla, CA 92093-0224
Telephone: (858) 534-2099
Electronic mail: jroads@ucsd.edu
Internet: <http://ecpc.ucsd.edu/>

Degrees:

1972 BA (with distinction), University of Colorado, Boulder, CO, Major Field:
Physics 1977 Ph.D. Massachusetts Institute of Technology, Cambridge, MA, Major
Field: Meteorology

Positions:

Scripps Research Meteorologist IX, Sr. Lecturer; Director, ECPC; co-chair CEOP,
chair NCEP Regional Reanalysis Scientific Advisory Committee, international RSM
workshops; member AGU precipitation committee, many NRC committees, NOAA
and NASA review panels; PI- NOAA CDEP, GCIP/GAPP, PACS; NASA LSH,
GWEC, NSIPP, NEWS; USFS; other projects; Fellow, AMS.

Recent Publications (~137 total):

- Meinke, I, Roads, J and M. Kanamitsu, 2007: Global evaluation of the RSM
simulated precipitation through transferability studies during CEOP. *J.*
Meteorol. Soc. Japan CEOP special issue, **85**,100-116.
- Ruane, A.C., and J.O. Roads, 2007a: The diurnal cycle of water and energy over
the Continental United States from three reanalyses'. *J. Meteor. Soc. Jpn.*
85(2), 117-143.
- Seo, H., A. Miller, J. Roads, 2007: The Scripps Coupled Ocean-Atmosphere
Regional (SCOAR) Model, with Applications in the Eastern Pacific Sector.
J. Climate, **20**, pages 381–402.
- Nunes, A. M., and J. Roads, 2007: Influence of precipitation assimilation on a
regional climate model's surface water and energy budgets. *J. of*
Hydrometeorology in Press, 23 pp.
- Yulaeva, Elena, M. Kanamitsu, J. Roads, 2007: The ECPC Coupled Prediction
Model. *Monthly Weather Review* in Press.
- Seo, H, M. Jochum, R. Murtugudde, A. Miller, J. Roads, 2007: Feedback of

- Tropical Instability Wave-induced Atmospheric Variability onto the Ocean. *J. Climate*, **20**, 381-402.
- De Haan, L., M. Kanamitsu, C-H Lu, J. Roads, 2007: A Comparison of the Noah and OSU Land Surface Models in the ECPC Seasonal Forecast Model. *J. Hydrometeorology* in Press.
- Ruane, A., and Roads, J. 2007b: 6-hour to 1-year variance of five global precipitation sets. *Earth Interactions* in Press.
- Nunes, A.M.B., and Roads, J. 2007: Dynamical influences of precipitation assimilation on regional downscaling. Accepted for publication in the *Geophysical Research Letters*.
- Ruane, A. and J. Roads, 2007c: Dominant balances and exchanges of the atmospheric water cycle at diurnal, annual, and intraseasonal time scales. *J. Climate*. (submitted)
- Lawford, R., J. Roads, D. Lettenmaier, P. Arkin, 2007: GEWEX Contributions to large-scale hydrometeorology. *J. Hydroclimat.* (in press) 43pp
- Roads, J., P. Tripp, H. Juang, J. Wang, F. Fujioka, S. Chen, 2007: NCEP/ECPC Monthly to Seasonal US Fire Danger Forecasts. *IJWF*, (submitted)