

## BIOGRAPHICAL SKETCH

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### Joel C. Michaelsen

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#### Education:

- 1969 BA, University of California, Santa Barbara  
1977 MA, Geography, University of California, Berkeley  
Thesis: North Pacific Sea Surface Temperatures and California Precipitation  
1982 Ph.D., Geography, University of California, Berkeley  
Dissertation: Large-Scale, Long-Period Ocean-Atmosphere interactions in the North Pacific Region.

#### Professional Experience:

- 2006-2010 Chair, UC Santa Barbara Academic Senate  
2004-2006 Vice Chair, UC Santa Barbara Academic Senate  
1992-present Professor, University of California, Santa Barbara  
1992-1997 Chair, Department of Geography  
1988-1992 Associate Professor, University of California, Santa Barbara  
1988-1992 Vice Chair, Department of Geography  
1982-1988 Assistant Professor, University of California, Santa Barbara

#### Selected Publications:

- Michaelsen, J., 1987. Cross validation in statistical climate forecasting models. *J. Clim. Appl. Meteor.*, 11, 1589-1600.
- Michaelsen, J., F. W. Davis, and L. Haston, 1987. 400 years of central California precipitation variability reconstructed from tree rings. *Water Res. Bull.*, 23(5), 809-818.
- Graham, N. E., J. Michaelsen and T. P. Barnett, 1987. An investigation of the ENSO cycle with statistical models. Part I: predictor field characteristics. *J. Geophys. Res.*, 92, 251-270.
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- Loaiciga, H. A., L. Haston and J. Michaelsen, 1993. Dendrohydrology and long-term hydrologic phenomena, *Reviews of Geophysics*, 31, 151-171.
- Haston, L and J. Michaelsen, 1994. Long-term central coastal California precipitation variability and relationships to El Nino, *Journal of Climate*, 7, 1373-1387.
- Friedl, M. A., J. Michaelsen, F. W. Davis, H. Walker, D. Schimel, 1994. Estimating grassland biomass and leaf area index using ground and satellite data, *International Journal of Remote Sensing*, 15, 1401-1420.
- Michaelsen, J., D. S. Schimel, M. A. Friedl, F. W. Davis and R. C. Dubayah, 1994, Regression tree analysis of satellite and terrain data to guide vegetation sampling and surveys, *Journal of Vegetation Science*, 5, 673-686.
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