

## DAVID LETSON

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### EDUCATION

B.S. 1983 JAMES MADISON UNIVERSITY, Harrisonburg, Virginia. Bachelor of Science, Magna Cum Laude with distinction. 1979-83. Majors in economics and English.

Ph.D. 1989 THE UNIVERSITY OF TEXAS AT AUSTIN. Ph.D. in economics, with fields in natural resource economics, public finance and mathematical economics. 1983-89.

### APPOINTMENTS

1995-Present ASSOCIATE PROFESSOR, Division of Marine Affairs, Rosenstiel School of Marine and Atmospheric Science, University of Miami. Tenured, with a secondary appointment in the Economics Department. Fellow, Cooperative Institute for Marine and Atmospheric Studies.

11/89-7/95 ENVIRONMENTAL ECONOMIST, Natural Resources and the Environment Division, [Economic Research Service](#), U.S. Department of Agriculture.

Editorial Councils for *Journal of Environmental Economics and Management* and *Journal of Agricultural and Applied Economics*. Reviewer for many others.

### CURRENT INTERESTS

[David Letson](#) focuses on natural resource economics and the economics of extreme weather and climate. He participates in a multi-disciplinary evaluation of climate forecasting for agricultural and water resources management in the southeastern US and Argentina, as part of the [Southeastern Climate Consortium](#), representing six universities (Alabama-Huntsville, Auburn, Georgia, Miami, Florida and Florida State). The SECC receives support from NOAA, the National Science Foundation and USDA. He is also a member of NOAA's [Hurricane Forecast Social and Economic Working Group](#), convened by the National Weather Service and the Office of Atmospheric Research to develop a hurricane social science research agenda.

### SELECTED PUBLICATIONS

Cabrera, V.E., Letson, D., and Podesta, G. In Press. The value of the climate information when Farm Programs matter. *Agricultural Systems*.

Cabrera, V.E., Breuer, N.E., Hildebrand, P.E., and Letson, D. 2005. Dynamic north-Florida dairy farm model: a user-friendly computerized tool for increasing profits while minimizing environmental impacts. *Computers & Electronics in Agriculture* **49**: 286-308.

Cabrera, V.E., Hildebrand, P.E., Jones, J.W., Letson, D., and de Vries, A. An integrated simulation model to reduce environmental impacts under seasonal variability. *Agriculture, Ecosystems and Environment*. (In Press).

Carter, D. and D. Letson. Recreational Fishing Effort, Harvest & Climate: Gulf of Mexico Red Snapper. Submitted, *Journal of Environmental Economics and Management*.

Messina, C.D., D. Letson and J.W. Jones. "Tailoring Management of Tomato production to ENSO phase at different scales in Florida and Puerto Rico" Submitted, *Transactions of the American Society of Agricultural Engineers*.

Miralles-Wilhelm, F., P. Trimble, G. Podestá, D. Letson and K. Broad. 2005. "Climate-Based Estimation of Hydrologic Inflow into Lake Okeechobee, Florida" *ASCE Journal of Water Resources Planning and Management* **131**(5): 394-401.

Letson, David, Guillermo Podestá, Carlos Messina and R. Andrés Ferreyra. 2005. "The Uncertain Value of Perfect ENSO Phase Forecasts" *Climatic Change* **69**: 163-196.

Shivlani, M. P.; D. Letson and M. Theis. 2003. "Visitor Preferences for Public Beach Amenities and Beach Restoration in South Florida" *Coastal Management* **31**(4): 367-85.

Letson, David and J. Walter Milon, eds. 2002. *Florida's Coastal Environmental Resources: Economic Valuation and Analysis*. Gainesville: Florida Sea Grant, in cooperation with NOAA/Office of Policy and Strategic Planning. 240 pp. Online at: [http://www.economics.noaa.gov/library/documents/economics\\_for\\_coastal\\_marine\\_management/florida\\_coastal\\_environmental\\_resources.pdf](http://www.economics.noaa.gov/library/documents/economics_for_coastal_marine_management/florida_coastal_environmental_resources.pdf)

Podestá, G.; D. Letson, C. Messina, F. Royce, R.A. Ferreyra, J. Jones, J. Hansen, I. Llovet, M. Grondona and J. O'Brien. 2002. "Use of ENSO-related climate information in agricultural decision making in Argentina" *Agricultural Systems* **74**(3): 371-92.

Letson, David; Ignacio Llovet, Guillermo Podestá, Frederick Royce, Victor Brescia, Daniel Lema and Gabriel Parellada. 2001. "User Perspectives of Climate Forecasts: Crop Producers in Pergamino, Argentina" *Climate Research* **19**(1): 57-67.

Letson, D. and B.D. McCullough. 2001. "ENSO and Soybean Prices: Correlation without Causality" *Journal of Agricultural and Applied Economics* **33**(3): 513-21.

Letson, David and Noel Gollehon. 1998. "Spatial Economics of Targeting Manure Policy for Water Quality Benefits" *Journal of the American Water Resources Association* **34**(1): 185-93. Note: Won best article of the year for this journal.

Letson, D. and B.D. McCullough. 1998. "Better Confidence Intervals: the Double Bootstrap with No Pivot" *American Journal of Agricultural Economics* **80**(3): 552-59.

Letson, D.; D. Suman and M. Shivlani. 1998. "Pollution Prevention in the Coastal Zone: Lessons of Four Case Studies" *Coastal Management* **26**(3): 157-75.

Malik, Arun; David Letson and Stephen Crutchfield. 1993. "Point/Nonpoint Source Trading of Pollution Abatement: Choosing the Right Trading Ratio," *American Journal of Agricultural Economics* **75**(4): 959-67.