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Education

9/79-5/83: JAMES MADISON UNIVERSITY, Harrisonburg, VA. Bachelor of Science, Magna Cum Laude with distinction, in May 1983. Double major in economics & English.

9/83-9/89: THE UNIVERSITY OF TEXAS AT AUSTIN. Ph.D. in economics, with concentrations in natural resource and environmental economics, public finance and mathematical economics. Ph.D. Dissertation: Transferable Discharge Permits for Regional Water Quality. Supervisor: David A. Kendrick.

Summary of Relevant Experience

8/95-Present. Tenured PROFESSOR, University of Miami, Rosenstiel School of Marine and Atmospheric Science, Dept. of Marine Ecosystems and Society. My research focuses on the economics of extreme weather and climate variations. I am interested in the value of predictions from the geosciences and in how those predictions are interpreted and used.

11/89-7/95. ENVIRONMENTAL ECONOMIST, Natural Resources and the Environment Division, Economic Research Service, U.S. Dept of Agriculture. Washington, DC. My duties included assessing economic impacts of policy decisions, particularly for the Clean Water Act, the Coastal Zone Management Act, and the 1990 & 1995 Farm Bills.

Selected Publications

G. Anderson, J. Clements, G. Fleming, T. Frei, H. Kootval, D. Kull, J. Lazo, D. Letson, B. Mills, A. Perrels, D. Rogers, C. Vaughan and J. Zillman. 2015. *Valuing Weather and Climate: Economic Assessment of Meteorological and Hydrological Services*. World Meteorological Association Report #1153. Online:
<https://drive.google.com/file/d/0BwdvoC9AeWjUX2dJbIR6WIMybU0/view>

J. Vogel, A. St. Juliana, J. Clements, D. Letson. 2014. *The Caribbean Agrometeorological Initiative: An Evaluation of Climate Services*. Report for the International Research Institute for Climate and Society, Columbia University. Online:
<http://www.climate-services.org/sites/default/files/EvaluationReport.2014.01.30.pdf>

Solís, D., L. Perruso, J. del Corral, B. Stoffle & D. Letson. 2013. Measuring the initial economic effects of hurricanes on commercial fish production: US Gulf of Mexico grouper (*Serranidae*) fishery. *Natural Hazards* **66**: 271-89.
<http://dx.doi.org/10.1007/s11069-012-0476-y>

Kelly, D.L.; D. Letson; F. Nelson; D.S. Nolan & D. Solís 2012. Evolution of Subjective Hurricane Risk Perceptions: A Bayesian Approach. *Journal of Economic Organization & Behavior* **81(2)**: 644-63. <http://dx.doi.org/10.1016/j.jebo.2011.10.004>

Solís, D., M. Thomas & D. Letson. 2010. An empirical evaluation of household hurricane evacuation choice. *Journal of Development & Agricultural Economics* **2(3)**: 188-96. www.academicjournals.org/article/article1379432647_Solis%20et%20al.pdf

Carter, D.W. & D. Letson. 2009. Structural Vector Error Correction Modeling of Integrated Sportfishery Data. *Marine Resource Economics* **24(1)**:19-41. Online: <http://www.jstor.org/stable/42629643>

Letson, D.; C.E. Laciato; F.E. Bert; E.U. Weber; R.W. Katz; X.I. Gonzalez; & G.P. Podestá. 2009. Value of Perfect ENSO Phase Predictions for Agriculture: Evaluating the Impact of Land Tenure and Decision Objectives. *Climatic Change* **97(1-2)**: 145-70. <http://dx.doi.org/10.1007/s10584-009-9600-8>.

Letson, D.; D. Sutter & J. Lazo. 2007. The Economic Value of Hurricane Forecasts. *Natural Hazards Review* **8(3)**:78-86. [http://dx.doi.org/10.1061/\(ASCE\)1527-6988\(2007\)8:3\(78\)](http://dx.doi.org/10.1061/(ASCE)1527-6988(2007)8:3(78))

Shivlani, M.P.; D. Letson & M. Theis. 2003. Visitor Preferences for Public Beach Amenities and Beach Restoration in South Florida. *Coastal Management* **31(4)**: 367-85. <http://dx.doi.org/10.1080/08920750390232974>

Letson, D. and J.W. Milon, eds. 2002. *Florida's Coastal Environmental Resources: A Guide to Economic Valuation and Impact Analysis*. Washington, DC: NOAA/Office of Policy and Strategic Planning. 240 pp. Online: nsgl.gso.uri.edu/flsqp/flsqph02002.pdf

Other Related Experience

Since 1997, I have participated in a multi-disciplinary evaluation of climate forecasting for agricultural and water resources management in the southeastern US, as part of the Southeastern Climate Consortium (<http://secc.coaps.fsu.edu/>), representing several universities (Auburn, Georgia, Florida, Florida State, Miami). The SECC receives its base funding from the Regional Integrated Scientific Assessment Program of the NOAA Climate Programs Office.

I currently serve as Editor for *Weather, Climate and Society*, a journal of the American Meteorological Society. I have previously served on the editorial councils of the *Journal of Environmental Economics and Management* and the *Journal of Agricultural and Applied Economics*.

Member, US THORPEX Science Steering Committee (USTSSC). THORPEX (The Observing System Research and Predictability Experiment) is a World Meteorological Organization project with the goal to accelerate the improvement of weather forecasting in the 1-14 day time range. THORPEX's socioeconomic research links the scientific advance in forecasting to societal impacts.