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NSF ADVANCE SEEDS Workshop (Scientists and Engineers Expanding Diversity and Success) **PI**, [\$2,500, Co-PIs Alguilera, S., Treuer, G., Wester, J. C.] Taking Environmental Science Beyond the Academy. University of Miami, Coral Gables, FL., Feb. 13, 2015.

NSF. Water, Sustainability and Climate Program. Robust Decision-Making For South Florida Resources By Ecosystem Service Valuation, Hydro-Economic Optimization, And Conflict Resolution Modeling. 09/01/12-08/31/16. **Co-PI/UM PI**, [\$5,000,000, Mike Sukop (PI), Jerry Ault, Dave Letson, Richard Weiskoff, Robert Meyer, et al. UM portion \$1,108,665.00]

NSF ADVANCE SEEDS Workshop (Scientists and Engineers Expanding Diversity and Success) **PI**, [\$2,500, Co-PIs Augustin, C., Crosley, K.] Advancing careers in interdisciplinary research. University of Miami, Coral Gables, FL., Feb. 13, 2013.

NSF. High Resolution Records of Rapid Climate change in Speleothem Records from The Bahamas. 06/01/2011-05/31/2014, **Co-PI**, [\$827,865, Peter Swart (PI), Amy Clement, Ali Pourmand]

The National Geographic Society, Expeditions Council. Venomous Cultures - A Biomedical and Anthropological Exploration of Myanmar and Vietnam. 01/01/2011 - 12/31/2011, **Co-PI**, [\$39,000, Zoltan Takacs (PI)]

NSF. Center for the Study of Individual and Group Decision Making under Climate Uncertainty, Center for Research on Environmental Decisions, 07/01/2010-06/30/2015, **Co-PI**, [\$6,498,984, Dave Krantz (PI), Elke Weber, Benjamin Orlove, UM portion \$1,037,397]

NSF. Emerging Frontiers in Research and Innovation - SEED Design for Independent Net Zero Water Buildings, 08/15/2010-09/30/2014, **Co-PI**, [\$2,000,000, James Englehardt (PI), Miroslav Kubat, Elizabeth Plater-Zyberk, Kamal Premaratne]

NOAA. SECC-RISA Science & Partnership for Adaptation and Resilience to Climate Change and Climate Variability. **Co-PI**, [\$875,000 Dave Letson (PI), Jim Jones, Jim O'brien, Gerrit Hoggenboom]

NSF & NOAA. Collaborative Research: Understanding Dynamic Responses to Hurricane Warnings - Implications for Communication and Research. 01/01/09-12/31/10, **PI** [\$399,461, Co-PIs, Robert Meyer, Shuyi Chen, Benjamin Orlove]

The National Geographic Society, Expeditions Council. Exploring Bahamas Underground: Blue holes and biodiversity conservation. 07/01/2008 -12/31/2009, **PI** [\$130,860, Co-PIs, Nancy Albury, Tom Illiffe, Brian Kakuk, Dave Steadman, Wes Skiles, Peter Swart, Keith Tinker]

NSF Biocomplexity in the Environment. Collaborative Research: Interactions between changing climate and technological innovations in agricultural decision-making: implications for land use and sustainability of product, 09/01/2007 – 08/31/2010, **Co-PI** [\$1,256,974, PI Guillermo Podesta, Co-PIs, Richard Katz, Dave Letson, Don Olson, Balaji Rajagopalan, Elke Weber]

NSF Decision, Risk and Management Sciences Program. The Role of Experience in Climate Change Detection, Risk Perception and Behavior, 8/2006-1/2008, **Co-PI** [\$238,000, PI Anthony Leiserowitz, UM portion \$69,920]

NOAA Office of Global Programs, Using Climate Information for Sustainable Management of Water Resources in South Florida: A Dynamic Decision Support Framework, 01/01/2006 – 12/31/2007, **Co-PI** [\$150,344, PI Sajjad Ahmad, Co-PIs Dave Letson, Guillermo Podesta]

Tinker Foundation. Water Allocation, Efficiency and Vulnerability in N.E. Brazil: Mechanisms Based on Groups' Behaviors, Perceptions and Recommendations, 1/2006-12/08, **Co-PI** [\$150,344, PI Alex Pfaff, Co-PIs Renzo Taddei, Maria Carmen Lemos, Valerie Mueller, Miguel Fonseca, Assis de Filho, Harounan Kazianga]

EPA Science to Achieve Results (STAR) Program. Effects of Climate Change on Ecosystem Services Provided by Coral Reefs and Tidal Marshes, 11/04-9/07, **Co-PI** [\$749,049 PI Jim Sanchirico, Co-PIs Alan Hastings, Fiorenza Micheli, Peter Mumby, Dan Brumbaugh, UM portion \$141,026]

NSF Decision Making Under Uncertainty Program. Center for the Study of Individual and Group Decision Making Under Climate Uncertainty, 9/2004-8/2009, **Co-PI** [\$5,906,024 PI Elke Weber, Co-PIs Dave Krantz, Roberta Miller, UM portion \$720,418]

NSF Biocomplexity in the Environment. Understanding and Modeling the Scope for Adaptive Management in Agroecosystems in the Pampas in Response to Interannual and Decadal Climate Variability and Other Risk Factors, 06/01/2004 – 05/31/2007, **Co-PI** [\$1,830,926 PI Guillermo Podesta, Co-PIs Elke Weber, Balaji Rajagopalan, William Easterling and Richard Katz]

NOAA Office of Global Programs. Building Capacity to Use Climate Information and Forecasts to Enhance Decision-Making in Agriculture: An Application to the Argentine Pampas. 01/01/2004 – 12/31/2004, **Co-PI** [PI Guillermo Podesta, Co-PIs Dave Letson, Elke Weber]

NOAA Office of Global Programs. Impacts of Water Resource Management Choices in Ceará, Brazil: Roles of Streamflow Forecasts, Rainfall Forecasts and Participatory Decisionmaking. 07/2004-06/2007, **PI**, [\$448,346 Co-PIs Alexander Pfaff, Upmanu Lall]

Government of Panama. Development of an Integrated Coastal Management Plan for the Gulf of San Miguel and Adjacent Zones within the Framework of the Program of Sustainable Development for Darien Region, Panama, 4/2002-9/2003, **Co-PI** [\$251,757, PI Daniel Suman]

NOAA Office of Global Programs. Climate Information Systems for Agriculture and Water Resource Management in the SE USA. 7/2002-6/2007, **Co-PI**, [\$1,248,449 (UM Portion), UM PI Guillermo Podesta, Co-PI Dave Letson]

NSF Biocomplexity in the Environment. Coupled natural and human dynamics in coral reef ecosystems: the effect of marine reserve network design and implementation, 10/2001-9/2006, **Co-PI**, [\$742,106 (UM portion), UM PI Don Olson, Co-PIs Liana Talaue-McManus, John McManus, Phil Kramer]

Columbia University. Advancing Integrated Climate Forecast Applications Research, 3/2001-6/2003, **PI**, [\$189,447]

NOAA Office of Global Programs. Assessing Climate Applications and Implementation Projects, 7/2002-6/2003, **PI**, [\$85,823, Co-PI Shardul Agrawala]

NSF Biocomplexity in the Environment - Incubation Activity. Climate information and forecasts in agricultural production systems of the Argentine Pampas: Planning for their effective use in decision-making, 9/2001-2/2003, **Co-PI**, [\$65,000, PI Guillermo Podesta, Co-PI Dave Letson]

USDA. Reducing uncertainty and risk in Florida agriculture using forecasts of climate variability, 2000-2002, **Co-PI**, [\$134,895, PI, Dave Letson, Co-PI, Guillermo Podesta]

NOAA. The Consolidation Phase of the International Research Institute for Climate Prediction, 7/2001-6/2005, **Co-PI**, [\$34,608,547, PI Antonio Divino Moura, Co-PIs Mutter et al.]

NSF Biocomplexity in the Environment - Incubation Activity. Development of an integrated research plan for analyzing the viability of a marine reserve network in the Bahamas, 2000-2001, **Co-PI**, [\$100,000, PI Daniel Brumbaugh]

NOAA Office of Global Programs, Economics & Human Dimensions Program. Effects of ENSO events on Peruvian Social Economics and Legal Systems, 1999-2001, **Co-PI**, [\$224,679, PI Sarah Meltzoff, Co-PI Daniel Suman]

Research Institute for the Study of Man-RISM Landes Research Project Grant. Studying Indonesia forest-fire situations for identifying potential uses of seasonal-to-interannual climate forecasts, 2000, **PI**, [\$4000]

NOAA Office of Global Programs. Studying Indonesia forest-fire situations for identifying potential uses of seasonal-to-interannual climate forecasts, 2000, **Co-PI**, [\$80,000, PI – Andrew Pete Vayda]

Republic of Peru. Mejoramiento de la Capacidad de Pronostico y Evaluacion del Fenomeno El Niño para la Prevencion y Mitigacion de Desastres en el Peru, 2000, **Co-PI**, [\$30,000, PI Steve Zebiak]

USAID Office of Foreign Disaster Aid. Capacity Building in Regional Climate Prediction and Applications for the Greater Horn of Africa, 1999-2001, **Co-PI**, [\$499,365, PI Steve Zebiak]

United Nations Environment Program (Peru country study). Reducing the impact of environmental emergencies through early warning & preparedness: the case of the 97-98 El Niño, 1999-2000, **Co-PI**, [\$4,000, PI Michael Glantz, Co-PI Antonio Zapata Velasco]

American Academy of Education: NSEP Graduate International Fellowship, 1997.