Publications (*indicates supervised graduate student or postdoc):

Books & monographs published:


Juried or refereed journal articles and book chapters (*indicates supervised graduate student or postdoc):


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Other works & publications:


Climática: da Informação e Previsão Climática à Redução das Vulnerabilidades às Secas no Semi-Árido Cearense, Volume 5. IRI/FUNCEME, Palisades, New York, USA and Fortaleza, Brazil.


**Funded Research Performed (as PI or Co-PI):**


The National Geographic Society, Expeditions Council. Submerged Sea Caves of the Southern California Continental Borderland. 12/01/2016 - 12/31/2018, **Co-PI**, [$50,000, PI Dr. Robert Ballard, Co-PIs: Larry Mayer, Beth Shapiro, Nicole Raineult NGS-353T-18]

University of Miami Institute for the Advanced Study of the Americas. 01-12/18. Caves, Culture, and Sunken Ships: Underwater Archaeology of the Bahamas. [$1500, Co-PIs Hanselmann, F., Pestle, W., Shriver-Rice, M.]


The National Geographic Society, Expeditions Council. A Baseline Characterization of Biscayne National Park's Submerged Cultural Resources Utilizing Aerial Geomagnetic Survey and Underwater 3-D Imaging. 01/01/2011 - 12/31/2011, **Co-PI**, [$38,150.00 Frederick Hanselmann (PI)]

NSF Urban Water Innovation Network (U-WIN): Transitioning Toward Sustainable Urban Water

The National Geographic Society, Expeditions Council. Enhancing Exploration and Imagery of Cuba’s Flooded Cave Systems. 2/15, **PI** (Co-PIs: Corey Jaskolski, Jill Heinerth, $20,000).


NSF. Water, Sustainability and Climate Program. Robust Decision-Making For South Florida Resources By Ecosystem Service Valuation, Hydro-Economic Optimization, And Conflict Resolution Modeling. 09/01/2012-08/31/16. **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. 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. 01/01/2009-12/31/2010, **PI** [$399,461, Co-PIs, Robert Meyer, Shuyi Chen, Benjamin Orlove]


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]


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]


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