

**Kenneth Broad**  
**Curriculum Vitae (UM format)**

1. Date: June 2016

**PERSONAL**

2. Name: **Kenneth Broad**  
3. Office Phone: (305) 421 - 4851  
4. Current Academic Rank: Professor and Chair  
5. Primary Department: Marine Ecosystems and Society  
6. Secondary or Joint Appointments:  
    Director, Leonard and Jayne Abess Center for Ecosystem Science and Policy, University of Miami  
    Co-director, Center for Research on Environmental Decisions, Columbia University  
    Adjunct Research Scientist, Lamont Doherty Earth Observatory of Columbia University  
  
7. Citizenship: USA  
8. Visa Type: n/a

**HIGHER EDUCATION**

**9. Institutional:**

Columbia University, New York	Ph.D. 1999	(anthropology)
University of Miami, Miami	M.A. 1992	(marine affairs)
University of California, Santa Barbara (College of Creative Studies)	B.A. 1989	(literature)

**10. Non-institutional:** None

**11 Certification, licensure:**

United States Coast Guard 25-ton Licensed Captain  
Certified--United States, FAA Helicopter Pilot, Commercial, Instrument Rating - R22, R44, Airbus B3e  
Certified--State of Florida Emergency Medical Technician  
Certified--National Board of Diving and Hyperbaric Technology - Diver Medical Technician  
Certified--National Speleological Society/Cave Diving Section (NSS/CDS)  
Certified--NSS/CDS Recovery Specialist  
Certified--National Association for Cave Divers  
Certified--*Confederation Mondiale des Activites Subaquatiques Commission Speleologie*  
(2 Star Speleology Diver)  
Certified--NOAA Working Diver  
Certified-IANTD Closed Circuit Rebreather Diver (Megalodon)  
Certified--International Association of Nitrox Divers (IAND) TRIMIX Diver  
Instructor--IAND Technical Nitrox Instructor  
Instructor--American Nitrox Divers  
Instructor--Professional Association of Dive Instructors

## **EXPERIENCE**

### **12. Academic:**

University of Miami	Chair, Marine Ecosystems and Society	6/2013-present
University of Miami	Professor	6/2011-present
University of Miami	Associate Professor w/tenure	6/2008-5/2011
University of Miami	Assistant Professor	7/2004-5/2008
University of Miami	Research Assistant Professor	2001-6/2004
Columbia University	Adjunct Research Scientist	7/2008-present
Columbia University	Adjunct Associate Research Scientist	2001-6/2008
Columbia University	Associate Research Scientist	2000-2001
Columbia University	Post-Doctoral Research Scientist	1999-2000
Columbia University	Senior Staff Associate	1997-1999

### **13. Non-Academic (recent environmental/ethnographic related work – does NOT include film work):**

02/2015 Expedition Leader: Enhancing Exploration and Imagery of Cuba's Flooded Cave Systems. Co-PI's (Corey Jaskolski, Jill Heinerth).

02/2015 Expedition Member: Prehistoric extinct mammal and human remains from a subaquatic cave in Cuba: a pilot project linking archaeology, paleontology, and the ancient environment for National Geographic Society. PI (Mathew Peros, Bishop's University).

7-8/2011 Expedition Co-Leader/Co-PI: study of toxinology and human interaction with venomous land and sea snakes in Vietnam for National Geographic Society. PI (Zoltan Takacs, University of Chicago).

1/2003-Present Expedition Leader/Member: multiple underwater cave exploration projects (mapping, biological, geological and archaeological) in Bahamas in collaboration with Government of Bahamas and National Geographic Society. See cover story of August 2010 *National Geographic Magazine* for details.

9/2009 Expedition Co-Leader/Diver: Mapping, microbial and water sampling from deep sump in Frasassi Cave, Coldigioco, Italy. Funded by NASA, NSF, National Geographic Society. PI: Jenn Macalady (Penn State Univ.).

1-6/97 Consultant: National Center for Atmospheric Research--Environmental and Social Impacts Group. Comparative analysis of climate forecast use in Peru, Kenya, and Costa Rica. PI: Dr. Michael Glantz

6-10/97 Consultant: National Center for Atmospheric Research/NASA. Assessment of the Use of Remote Sensing and other Information Related to ENSO. PI: Dr. Michael Glantz.

8-10/1992, 6-9/94, 6/95, 3-4/96 Expedition Leader: Lamont-Doherty Earth Observatory of Columbia University, Division of Oceans, Climate and the Environment. Expedition coordinator for ENSO Bathymetric Survey, U/W Core Sampling, Global Ocean Chemistry Sampling and CTD deployment in Kapingamarangi, Nukuoro, Sapwuahfik, Pohnpei (FSM); Republic of Kiribati; Republic of Seychelles; Barbados, West Indies; Jarvis Island; and Palmyra Island for National Science Foundation, National Oceanic and Atmospheric Administration Consortium on the Ocean's Role in Climate (Paleoclimates Program). PI: Dr. Richard Fairbanks.

6/95-7/96 Preceptor: Columbia University, Teachers College. "Cultural and Social Bases for Education" (TF4010Y) & "Culture and Society in the Caribbean" (TF5012) Graduate Seminar for Dr. Lambros Comitas.

- 2-5/94            Expedition Member/Diver: "Huatla Project - San Agustín Expedition" National Geographic Society/ U.S. Deep Caving Team. Oaxaca, Mexico, led by Dr. Bill Stone.
- 12/93            Marine Coordinator: Dead Man's Tale "Shark Attack" documentary episode for Lifetime Productions, Cat Cay, Bahamas.
- 6-8/93            Ethnographer: "National Survey of Drug Consumption and Distribution in Jamaica" -U.S. State Department/International Narcotics Matters, for Dr. Melanie Dreher, University of Massachusetts & Dr. Samuel Wray, University of West Indies, Jamaica.
- 5/93              Expedition Member/Diver: "Cueva Infiernillo, Main Sump Exploration Project" U.S. Deep Caving Team, Tamaulipas, Mexico, led by Dr. Bill Stone.
- 4/93              Test Diver: U.S. Deep Caving Team, Cis-Lunar MK IV Rebreather, Jackson Blue Springs, Forty Fathom Grotto, Florida, led by Dr. Bill Stone.
- 1/93              Underwater Camera: "The New Explorers -- Dive Into Darkness" documentary for PBS, Grand Bahama Island, Bahamas, for Kurtis Productions.
- 10/92            Producer: "NOAA Variable Volume Drysuit Safety Video" for NOAA Diving Center, Seattle, WA.
- 10/92            Research Diver--"Nudibranch Geomagnetic Orientation Study" for Friday Harbor Laboratories, Vancouver Island, British Columbia, Dr. Dennis Willows, University of Washington.
- 8/92              Photo Assistant/Underwater Technician--"America Water Story" for National Geographic Magazine with David Doubilet and Wes Skiles.
- 4/92              Underwater Camera--"Nature and Danger" documentary, WMFE Television, Orlando, for PBS.
- 3/92              Dive Coordinator--"Beyond 2000" documentary segment on Cis-Lunar MK II Rebreather for Discovery Network.
- 1/92              Underwater Video--Little Salt Spring Paleo-Indian Underwater Archaeological Project, for Dr. John Gifford, University of Miami.
- 1/92              Underwater Camera/Photographer--Gilligan vs. The Citadel, cave diving accident documentation.
- 11/91            Diving Supervisor/Environmental Technician--Ichetucknee Springs Hydrogeological Study and Exploration, Ichetucknee Springs State Wildlife Park, Karst Environmental Services, Inc. for State of Florida Department of Natural Resources (DNR).
- 11/91            Support Diver--National Speleological Society Woodville Karst Plain Exploration Project, Wakulla Springs, Florida.
- 10/91            Divemaster--NOAA/National Undersea Research Program Surface-Interval Oxygen Validation Study, Wakulla Springs, Florida.
- 9/91              Research Diver/Underwater Camera--Homosassa Spring Basin Hydrogeological Study and Sediment Removal Project, Homosassa Springs State Wildlife Park, Karst Environmental Services, Inc. for DNR.

6-7/91 Underwater Camera & Lighting/Diving Supervisor--"Florida--Window to a Hidden World"  
documentary, Beyond International Group for Discovery Network.

**14. Military:** None

## **PUBLICATIONS**

### **15. Books & monographs published:**

Bakun, A. and K. Broad (Editors). 2002. **Climate and Fisheries: Interacting Scales, Paradigms and Policy Approaches**. New York: Columbia Earth Institute and International Research Institute for Climate Prediction, IRI Publication-IRI-CW/02/1, 70pp.

### **16. Juried or refereed journal articles and book chapters**

Arienzo, M.A., P. K. Swart, Pourmand, A., Broad, K., Clement A., Murphy L.N., Vonhof, H.B., Kakuk, B. Bahamian speleothem reveals temperature decrease associated with Heinrich stadials. *Earth and Planetary Science Letters*. Vol. pp. (in press)

Aguilera, S.E., Cole, J., Finkbeiner, E.M., Le Cornu, E., Ban, N.C., Carr, M.H., Cinner, J.E., Crowder, L.B., Gelcich, S., Hicks, C.C., Kittinger, J.N., Martone, R., Malone, D., Pomeroy, C., Starr, R.M., Seram, S., Zuercher, R., Broad, K. Managing small-scale commercial fisheries for adaptive capacity: Insights from dynamic social-ecological drivers of change in Monterey Bay. 2015. *PLOS ONE*, 10(3): e0118992. doi:10.1371/journal.pone.0118992.

Wester, J., K.R. Timpano, D. Cek, Lieberman, D., Fieldstone, S.C., K. Broad. Psychological and Social Factors Associated with Wastewater Reuse Emotional Discomfort. *Journal of Environmental Psychology*. Vol. pp. (in press).

Nguyen, C., T. Nguyen, A. Moore, A. Montoya, A. Rasmussen, K. Broad, V. Harold, Z. Takacs. 2014. Hidden Catch: Sea Snake Exploitation in the Gulf of Thailand. *Conservation Biology*. Vol. 28, pp. 1677-1687.

Micheli, F. P.J. Mumby, D.R. Brumbaugh, K. Broad, C. P. Dahlgren, Harborne, A.R., K. E. Holmes, C.V. Kappel, S. Litvin, J. N. Sanchirico. 2014. High Vulnerability of ecosystem function and services to diversity loss in Caribbean coral reefs. *Biological Conservation*. Vol. 171, March, pp. 186-194.

Meyer, R., E.J. Baker, K. Broad, B. Orlove, J. Czajkowski. 2014. The Dynamics of Hurricane Risk Perception: Real-Time Evidence from the 2012 Atlantic Hurricane Season. *Bulletin of the American Meteorological Society*. Vol. 95, pp. 1389-1404.

Kittinger, J., E. Finkbeiner, N. Ban, K. Broad, M.H. Carr, J. Cinner, S., Gelcich, M. Cornwell, Z. Koehn, X. Basurto, R. Fujita, M.R. Caldwell, L.B. Crowder. 2013. Emerging frontiers in social-ecological systems research for sustainability of small-scale fisheries. *Current Opinion in Environmental Sustainability*. Vol. 5, Issues 3-4, pp. 352-357.

- Reed MS, Kenter J, Bonn, A, Broad K, Burt TP, Fazey IR, Fraser EDG, Hubacek K, Nainggolan D, Quinn CH, Stringer LC, Ravera F. 2013. Participatory scenario development for environmental management: a methodological framework illustrated with experience from UK uplands. *Journal of Environmental Management*. Vol.128, pp. 345-362.
- Bolson, J. and K. Broad. 2013. Early adoption of climate information: lessons learned from South Florida water resource management. *Weather, Climate, and Society*. Vol. 5(3), pp. 266-281.
- Meyer, R., K. Broad, B. Orlove, N. Petrovic. 2013. Dynamic Simulation as an Approach to Understanding Hurricane Risk Response: Insights from the *Stormview* Lab. *Risk Analysis*. Vol. (33) pp. 1532-1552.
- Pfaff, A., M.A. Velez, R. Taddei, K. Broad. 2013. Unequal Information, Unequal Allocation: Bargaining Field Experiments in NE Brazil. *Environmental Science & Policy*, Vol. 26, pp. 90-101.
- Roncoli C., Breuer N, Zierden D, Broad K, Hoogenboom G. 2012. The Art of the Science: Climate Forecasts for Wildfire Management in the United States. *Climate Change Letters*, Vol. 113, Issue 3 (2012), Page 1113-1121.
- Orlove B., G. Podesta, R. Taddei, K. Broad. 2011. Environmental Citizenship in Latin America: Climate, Intermediate Organizations, and Political Subjects. *Latin America Research Review*. Special Issue:115-140.
- Peterson, N, B., Broad, K., Orlove, C. Roncoli, R. Taddei, M.A. Velez. 2010. Participatory processes and climate forecast use: sociocultural context, discussion, and consensus. *Climate and Development*. Vol. 2: 14-29.
- A. Crane, T.A., C. Roncoli, J. Paz, N. Breuer, K. Broad, K.T. Ingram, G. Hoogenboom. 2010. Forecast skill and farmers' skills: Seasonal climate forecasts and agricultural risk management in the southeastern United States. *Weather, Climate and Society*. Vol. 2: pp. 44-59.
- Broad, K. and J. Sanchirico. Local Perspectives on Marine Reserve Creation in the Bahamas. 2008. *Ocean and Coastal Management*. Vol. 51(11) pp. 763-771.
- Broad, K., Bolson, J., Clement, A., Balstad, R., Marx, S., Peterson, N., Ramirez, I. 2008. Climate and Human Health: Physics, Policy and Possibilities. In: **Oceans and Human Health: Risks and Remedies from the Sea**, Edited by Walsh, P.J., S.L. Smith, L.E. Fleming, H. Solo-Gabriele, W.H. Gerwick (eds.) New York: Elsevier Science Publishers, pp. 35-58.
- Vedwan, N., S. Ahmad, F. Miralles-Wilhelm, K. Broad, D. Letson, G. Podesta. Institutional evolution in Lake Okeechobee Management in Florida: Characteristics, Impacts, and Limitations. 2008. *Water Resources Management*. Vol. 22(6) pp.699-718.
- Harborne, A.R., P.J. Mumby, C.V. Kappel, C. P. Dahlgren, F. Micheli, K. E. Holmes, J. N. Sanchirico, K. Broad, I.A. Elliott, D.R. Brumbaugh. 2008. Reserve Effects Versus Natural Variation in Coral Reef Communities. *Journal of Applied Ecology*. Vol. 45 pp.1010-1018.
- Breuer, N.E., VE Cabrera, KT Ingram, K Broad, PE Hildebrandt. AgClimate: A case study in participatory decision support system development. 2008. *Climatic Change*. 87: 385-403.
- Mumby PJ, K Broad, DR Brumbaugh, CP Dahlgren, AR Harborne, A Hastings, KE Holmes, CV Kappel, F Micheli, JN Sanchirico. 2008. Coral reef habitats as surrogates of species, ecological functions and ecosystem services. *Conservation Biology*. Vol. 22(4) pp. 941-951.

- Peterson, N. and Broad, K. Climate and Weather Discourse in Anthropology: From Determinism to Uncertain Futures. 2008. In **Anthropology and Climate Change: From Encounters to Actions**. Edited by S. Crate and M. Nuttall. Left Coast Press: Walnut Creek, CA., pp.70-86.
- Steadman, DW, R Franz, GS Morgan, NA Albury, B Kakuk, K Broad, SE Franz, K Tinker, MP Pateman, TA Lott, DM Jarzen, DL Dilcher. 2007. Exceptionally Well Preserved Late Quaternary Plant and Vertebrate Fossils from a blue hole on Abaco, The Bahamas. *Proceedings of the National Academy of Science*. Vol 104 (50). pp. 19897 - 19902.
- Broad, K., A. Pfaff, R. Taddei, S. Arumugam, U. Lall, F. Assis de Souza Filho. 2007. Climate, Stream Flow Prediction and Water Management in Northeast Brazil: societal trends and forecast value. *Climatic Change*. Vol. **84**:217-239.
- Broad, K., T. Leiserowitz, J. Weinkle, M. Steketee. 2007. Misinterpretations of the “cone of uncertainty” in Florida during the 2004 hurricane season. *Bulletin of the American Meteorological Society*. Vol 88, Issue 5 (May 2007) pp. 651-667.
- Broad, K. and B. Orlove. 2007. Channeling Globality: The 1997-98 El Niño Climate Event in Peru. *American Ethnologist*. Vol 34 (2). pp. 285-302.
- Fleming, L.E., K. Broad, A. Clement, E. Dewailly, S. Elmir, A. Knap, S.A. Pomponi, S. Smith, H. Solo Gabriele. Emerging Public Health Risks Sourced in the Marine Environment. 2006. *Bulletin of Marine Pollution*. Vol. 53. pp. 545-560.
- Mumby, P. J., C. P. Dahlgren, A. R. Harborne, C. V. Kappel, F. Micheli, D. R. Brumbaugh, K. E. Holmes, J. M. Mendes, K. Broad, J. N. Sanchirico, K. Buch, S. Box, R. W. Stoffle, A. B. Gill. 2006. Fishing, trophic cascades, and the process of grazing on coral reefs. *Science*, 311: 99 -101.
- Miralles-Wilhelm, F., P.J. Trimble, D. Letson and K. Broad. 2005. Climate-Based Estimation of Hydrologic Inflow to Lake Okeechobee, Florida. *Journal of Water Resources Planning and Management*, Sept/Oct, pp. 394-401.
- Orlove, B, K. Broad and A. Petty. 2004. Factors that Influence the Use of Climate Forecasts: Evidence from the 1997-98 El Niño Event in Peru. *Bulletin of the American Meteorological Society* 85(11), pp. 1735–1743.
- Pulwarty, R., K. Broad, and T. Finan. 2004. Science, Vulnerability and the search for equity: El Nino events, forecasts and decision-making in Peru and Brazil, in **Vulnerability: Disasters, Development and People**. Edited by G. Bankoff, G. Frerks and D. Hilhorst. London: Earthscan Publications, pp. 83-98.
- Bakun, A. and K. Broad. 2003. Environmental ‘loopholes’ and fish population dynamics: comparative pattern recognition with focus on El Niño effects in the Pacific. *Fisheries Oceanography*, **12**(4/5):458-473.
- Broad, K. 2003. Biological and Societal Impacts of Climate Variability: An example from Peruvian Fisheries. In **Handbook of Weather, Climate and Water: Atmospheric Chemistry, Hydrology, and Societal Impacts**. Edited by T. Potter and B. Coleman. *New York: John Wiley & Sons*, pp. 817-832.
- Broad, K., A.P. Pfaff, and M.H. Glantz. 2002. Effective & Equitable Dissemination of Seasonal-to-Interannual Climate Forecasts: Policy Implications from the Peruvian fishery during El Niño 1997-98. *Climatic Change* **54**(4):415-438.

- Broad, K. 2002. Producing & Using Climate Forecasts: Bridging the Supply and Demand Gap in Climate Forecast Production and Use. In **La Niña and Its Impacts: Facts and Speculation**, edited by M. H. Glantz. Tokyo: Public Affairs Section, United Nations University Press, pp. 246-252.
- Agrawala, S. and K. Broad. 2002. Technology transfer perspective on climate forecast applications. In **Research in Science and Technology Studies: Knowledge and Technology Transfer**, edited by Marianne De Laet, Knowledge and Society series, vol. **13**: 45-69.
- Velasco-Zapata, A., and K. Broad. 2001. Peru country case study: Impacts and responses to the 1997-98 El Niño event. In **Once burned, twice shy? Lessons learned from the 1997-98 El Niño**, edited by Michael H Glantz, Tokyo: United Nations University Press, pp. 186-199.
- Agrawala, S., K. Broad, and D.H. Guston, 2001. Integrating Climate Forecasts and Societal Decision Making: Challenges to an Emergent Boundary Organization. *Science, Technology, and Human Values*, **26**(4), 454-477.
- Broad, K., and S. Agrawala, 2000. Policy Forum: The Ethiopia Food Crisis: Uses and Limits of Climate Forecasts. *Science*, **289**, 1693-1694.
- Broad, K., 2000. El Niño and the Anthropological Opportunity. *Practicing Anthropology*, **22**, No. 4:20-23.
- Carr, M. E., and K. Broad, 2000. Satellites, society, and the Peruvian fisheries during the 1997-98 El Niño, in **Satellites, Oceanography and Society**, edited by D. Halpern. New York: Elsevier Science, B.V. 171-191.
- Pfaff, A., K. Broad, and M.G. Glantz, 1999. Who benefits from Climate Forecasts? *Nature*, **397**:645-646.
- Fairbanks, R.G., M.N. Evans, J.L. Rubenstone, R.A. Mortlock, K. Broad, and M. D. Moore, 1997. Evaluating climate indices and their geochemical proxies measured in corals. *Coral Reefs*, **16**:S93-S100.
- Meltzoff, S.K., and K. Broad, 1996. The Rise of Women in Fisheries Management: The Marisquadoras of Illa de Arousa, Galicia. In *Fisheries Resource Utilization and Policy. Proceedings of the World Fisheries Congress, Theme 2, New Delhi*, 349-360.
- Broad, K., and B. Feinberg, 1995. Perceptions of Ganja and Cocaine in Urban Jamaica. *Journal of Psychoactive Drugs*, **27**:261-277.

### **17. Juried or refereed journal articles under review or in preparation**

- Wester, J., Mormann, M., & Broad., K. Moral Framing and Environmental Attitudes: An Examination of the Robustness of Moral Framing as a Means of Changing the Environmental Attitudes of Ideological Liberals and Conservatives. *Plos One*. (under review)
- Moore, A., A. Montoya, K. Broad. In Search of the Snake: Anthropological Collaborations in International Exploration Science. *American Ethnologist*. Vol. pp. (under review)

### **18. Other works & publications:**

- Broad, K. (2010). Lose Your Mind, Lose Your Body. In **Complete Survivor Manual**. Edited by Michael S. Sweeney. Washington, D.C.: National Geographic Books.

- Leiserowitz, A. and K. Broad (2008). Florida: Public opinion on climate change. A Yale University / University of Miami / Columbia University Poll. New Haven, CT: Yale Project on Climate Change.  
<http://environment.yale.edu/uploads/FloridaGlobalWarmingOpinion.pdf>
- Crane, T., C. Roncoli, N. Breuer, K. Broad, J. Paz, C. Fraisse, K. Ingram, D. Zierden, G. Hoogenboom, J. O'Brien. 2008. Collaborative Approaches to the Development of Climate-Based Decision Support Systems: What Role for Social Sciences? Proceedings of the 88th American Meteorological Society Annual Meetings, New Orleans, LA, January 20-24, 2008.
- Roncoli, C., Paz, J., Breuer, N., Ingram, K., Hoogenboom, G., Broad, K. 2006. Understanding Farming Decisions and Potential Applications of Climate Forecasts in South Georgia. Southeast Climate Consortium Staff Paper SECC-06-006. Gainesville, FL.
- Vedwan, N., Broad, K., Letson, D., Ingram, K.T., Podestá, G., Breuer, N.E., Jones, J.W., and O'Brien, J.J. 2005. Assessment of Climate Information Dissemination Efforts by the Florida Consortium. SECC Technical Report Series: SECC-05-001, Gainesville, FL.
- Roncoli, C., Breuer, N., Bellow, J., Zierden, D., Ingram, K.T., and Broad, K. 2006. Potential Applications of Keetch-Byram Index Forecasts for Fire Management in Georgia and Florida. SECC Technical Report Series: SECC-06-003, Gainesville, FL.
- Mumby, P. J., F. Micheli, C. P. Dahgren, S. Y. Litvin, A. B. Gill, D. R. Brumbaugh, K. Broad, J. N. Sanchirico, C. V. Kappel, A. R. Harborne, K. E. Holmes. 2006. Marine Parks Need Sharks? – response. *Science*, 312: 527.
- Vedwan, N., Broad, K., Letson, D., Ingram, K.T., Podestá, G., Breuer, N.E., Jones, J.W., and O'Brien, J.J. 2005. Assessment of Climate Information Dissemination Efforts by the Florida Consortium. **Southeast Climate Consortium Technical Report Series: SECC-05-001**, Gainesville, FL.
- Broad, K. and J.N. Sanchirico. Community Perspectives on Marine Reserves. *BBP In Brief* Newsletter, Nov. 2005.
- Broad, K. 2005. Book review of The International Handbook of Social Impact Assessment: Conceptual and Methodological Advances. H.A. Becker and F. Vanclay (eds.). Edward Elgar: Cheltenham, 2005, *Agricultural Systems*, Vol. 83, Issue 1, pp. 104-105.
- Taddei, R., K. Broad, and A. Pfaff, 2004. Integrating climate and water management in Ceará: historical background, social and legal structures, and implications. In U. Lall and F. A. Souza Filho, editors. *Gerenciamento Integrado dos Recursos Hídricos com Incorporação da Previsão 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.
- Sanchirico, James N., Richard Stoffle, K. Broad and Liana McManus. 2003. Modeling Marine Protected Areas, *Science* (Letter to the Editor), **31**(4):47-48.
- Broad, K. Book review of Currents of Change: Impacts of El Niño and La Niña on Climate and Society, Michael Glantz, *Bulletin of the American Meteorological Society* (in press).



- Vedwan, N and K. Broad. 2003. Book review of El Niño in History: Storming through the Ages, by Caviedes, César N., Univ. of Florida Press: Gainesville, *American Anthropologist*, **105**(2):396.
- Lutz, S., K. Broad, L Talaue-Mcmanus, J. Sanchirico, R. Stoffle. 2002. Human Dimensions of Marine Reserve Policy: Applications in Bimini. *Bahamas Journal of Science*, 5(2):50-57.
- Bakun, A. and K. Broad 2002. The IRI-IPRC Pacific Climate-Fisheries Workshop. *Fisheries Oceanography* **11**(3), 189-190.
- Broad, K. 2002. Book review of El Niño 1997-98: The Climate Event of the Century, Stanley Changnon (ed.), *Climatic Change*, 53(4): 523-527, June.
- Broad, K. 2002. (En)gendering Climate. *InterCoast*, 41(Winter):22-23.
- Broad, K., 2000. Practical and Conceptual Challenges to Climate Forecast Applications. In *Proceedings from the International Forum on Climate Prediction, Agriculture and Development*, Palisades, NY, April 26-28.
- Zapata Velasco, A. and K. Broad, 2000. **Peru Country Report for UNEP Project: Reducing the Impact of environmental emergencies through early warning and preparedness: the case of 1997-98 El Niño**, Michael Glantz (Ed.), Boulder: NCAR.
- Ropelewski, C.F., N. Graham, A. Moura, Y. Tourre, S. Zebiak, B. Blumenthal, K. Broad, L. Goddard and S. Mason, 1999. In *The Great 1997/98 Warm Episode: Lessons Learned. Proceedings of the 23rd Annual Climate Diagnostics and Prediction Workshop*, p 8.
- Broad, K., and A. Pfaff, 1997. Prediction, Profit-Motive and Policy in the Peruvian Fishery, *The Columbia Earth Institute: EARTHmatters*, pp. 11-back cover.
- Meltzoff, D. S. K., K. Broad, and D. C. M. Farias, 1997. ENSO and Chilean Fisheries: A Case Study in Social Complexity, *The ENSO Signal*, 2-4.
- Flint, E.N., F.C. Depkin, M.J. Rauzon, and K. Broad., 1996. *Remote Island Refuge Complex Report - Jarvis Island 19-23 March 1996, with notes from Palmyra and Kanton*. Administrative Report, U.S. Fish and Wildlife Service.
- Broad, K., 1995. On the Edge of Beyond, *Back In Time for Tea and Medals: Memorial Tribute to Ian Rolland*, Edited by M. Wallace, 107-111, Hampshire: Studio 6.
- Dreher, M., and K. Broad., 1994. *Drug Consumption and Distribution in a North Coast "Drug Corridor" Community*. U.S. State Department International Narcotics Matters and Jamaican National Council on Drug Abuse.
- Broad, K., 1993. Nitrox: A Personal Choice. *International Association of NITROX and Technical Divers Journal*, 3-93:7-13.
- Dreher, M., K. Broad, L. Charlton, M. Miller, and M. Kenny. 1994. *Drug Consumption and Distribution in Jamaica: A National Ethnographic Study*. U.S. State Department International Narcotics Matters and Jamaican National Council on Drug Abuse.
- Broad, K., and W. Stone, 1994. San Agustín Expedition Accident Analysis. *Underwater Speleology*, **22**:15-25.

## **PROFESSIONAL**

### **19. Funded Research Performed (as PI or Co-PI)**

NSF Urban Water Innovation Network (U-WIN): Transitioning Toward Sustainable Urban Water Systems. **Co-PI**, 9/15/15-1/15/20 [\$12,000,000, PI Mazdak Arabi (PI)]

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

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 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, [\$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 Hoggboom]

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 Nino, 1999-2000, **Co-PI**, [\$4,000, PI Michael Glantz, Co-PI Antonio Zapata Velasco]

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

## **20. Editorial Responsibilities:**

2010-2012. Associate Editor & Member of Editorial Board of *Weather, Climate, and Society* (Journal of the American Meteorological Society)

## **21. Professional & Honorary Organizations:**

2008-present The Explorers Club  
2007-present Sigma Xi  
1993-present American Anthropological Association, Society for Applied Anthropology  
1988-2001 American Academy of Underwater Sciences  
1991-2001 Do All Society-Explorer Member  
1990-1995 Undersea and Hyperbaric Medical Society  
1993-2001 United States Deep Caving Team

## **22. Honors & Awards:**

National Geographic Society, Explorer of the Year, 2011  
The Explorers Club, Fellow National, 2008-present  
Florida Trend Magazine, Trendsetters: Today and Beyond Award, 2008  
National Geographic Society, Emerging Explorer Award, 2006  
(<http://www.nationalgeographic.com/emerging/kbroad.html>)  
Ransom Everglades, Distinguished Alumni Award, 2006  
Mexican Academy of Sciences, Distinguished Professor Visitors Program, 2004-2005.  
Teachers College, Columbia University Gardner Cowles Fellow in Applied Anthropology, 1996-1997.  
Columbia University, Global Systems Initiative Training Grant, 1995-1996.  
Columbia University, Teachers College General Scholarship, 1993-1995.  
Our World-Underwater Associate Scholar Award, 1992-93.  
National Speleological Society Abe Davis Safe Cave Diving Award, 1992.  
National Association for Cave Diving Bronze Wakulla Award, 1992.  
Admirals of the Fleet of Florida Scholarship, 1991.

## **23. Post-Doctoral Fellowships:**

Lamont-Doherty Earth Observatory of Columbia University, November 1999 - February 2000.

## **24. Other Professional Activities (selected list, not including conference presentations):**

Journal & Proposal Reviews: *American Anthropologist, American Ethnologist, American Fisheries Society, Biological Conservation, Bulletin of the American Meteorological Society, Cultural Anthropology, Conservation and Society, Climatic Change, Climate Research, Current Anthropology, Environment and Development Economics, Fisheries Oceanography, Global Environmental Change, Journal of Applied Meteorology, Journal of Coastal Zone Management, Human Organization, Oceanography, Policy Science, Science, Technology and Human Values, EPA, NSF, NOAA, NASA.*

### Professional Committee Activities (selected list):

Advisory Committee, University of Miami School of Law Center for Ethics and Public Service, 2015-present  
Member, Stanford University Center for Ocean Solutions Working Group on Socioecological Resilience in Small Scale Fisheries, 2013-present  
Member, Miami Waterkeepers Board of Trustees, 2015-present  
Member, Frost Museum of Science, Science and Education Advisory Board, 2014-present  
Member, Miami Science Barge Advisory Committee, 2015-present  
Member, HighWaterLine Advisory Committee, 2013-present  
Member, National Geographic Society Expedition Council Advisory Board, 2012-2015  
Member, Miami Consortium for Latin American and Caribbean Studies Advisory Board, 2011-2014.

Science Advisor, COMPASS (Communication Partnership for Science and the Sea), 2009-2011.  
Member, NOAA Science Advisory Board - Climate and Global Change Working Group, 2003-2008.  
Advisory Committee, Cape Eleuthera Institute, 2007-present.  
Advisory Committee, Harmony Institute, 2008-present  
Member, National Center for Ecological Analysis and Synthesis (NCEAS) Working Group "A synthetic approach to the science of ecosystem-based management" 2005-2007.  
Special Advisor, Eastern China Normal University "First Undergraduate Conference on Climate, Weather, Water and Society (2008)" Shanghai, China.  
Steering Committee, COMPASS Ecosystem Based Management Strategy Planning Workshop, 2006-07  
Mentor, NSF Dissertation Initiative for the Advancement of Climate Change Research, 2007  
Steering Committee, University of Florida Symposium "Climate, Agriculture, and Natural Resources Management" with a subtitle "Addressing Research, Teaching, and Extension Needs of Tomorrow", 2006-07  
Member, American Meteorological Society - Committee on Societal Impacts, 2003-present.  
International Steering Committee, GLOBEC FOCUS 4 (Human Dimensions of Global Change), 2002-present.  
Co-chair, CLIOTOP (Climate Impact on Oceanic Top Predators) Working Group 6 (socioeconomic group), 2003-2004.  
International Steering Committee, "Forum de Debates Relações Natureza e Sociedade no Semi-Árido" (Forum to discuss the relationship between nature and society in the Brazilian semi-arid), IRI-FUNCEME, August 20-25, 2002.  
International Steering Committee, Ecuadorian Climate Outlook Forum, 2002.  
Member, Columbia University Planning Committee for M.S. Climate and Society Program, 2001-2002.  
International Steering Committee, "Climate, Ecosystems, and Fisheries of the Pacific: Seeking Fresh Approaches to Key Research Issues", IRI, IPCC, Honolulu, HI, 2001.  
Selection committee, University of Florida Agricultural Extension Faculty Specialist, 2003  
Selection committee, UCAR IRI post doctoral fellow, 2000, 2001, 2002.  
Panelist, Florida Board of Education, Higher Education Funding Advisory Council, June 11, 2002.  
Selection committee, IRI Associate Research Science for Climate Monitoring Division, 2001.

## **TEACHING**

**25. Teaching Awards Received:** None

### **26. Teaching Specialization:**

Human Ecology, Development Anthropology, Natural Resource Management, Climate Affairs  
RSM 571/520: Climate and Society: a multidisciplinary approach (w/ Prof. Amy Clement)  
RSM 572: Carbon and Climate (w/ Prof. Will Drennan and others)  
ECS 501: Interdisciplinary Theories of Environmental Science and Policy  
ESC 302/GEG545: Perspectives on Environmental Decisions (w/ Prof. Rinku Roy Chowdhury)  
ECS 403: Capstone Course (Climate Change Politics and Policy)  
MSC 371: Independent Study  
RSM 600+: From Gold to Glory: Perspectives on Exploration Science

### **27. Dissertation & Thesis Committees:**

Neeraj Vedwan, University of Georgia, Ecological Anthropology, August 2001 (Ph.D.)  
Michelle Rice, Columbia University, Anthropology, March 2002 (Ph.D.)  
Audrey Charlton, Columbia University, Anthropology 2005 (Ph.D.)  
Marie Lowe, Columbia University, Anthropology 2005 (Ph.D.)  
Renzo Taddei, Columbia University, Anthropology, 2006 (Ph.D.)  
Amy Diedrich, University of Rhode Island, Marine Affairs 2006 (Ph.D.)  
Amelia Moore, University of California, Berkeley, Anthropology 2010 (Ph.D.)

Jessica Bolson, University of Miami, Evt. Science and Policy, 2010 (Ph.D.) Chair  
 Sarah Wise, Rutgers University, Anthropology, 2012 (Ph.D.)  
 Monica Arienzo, University of Miami, Geology and Geophysics, 2014 (Ph.D.)  
 Katie Crosley, University of Miami, Evt. Science and Policy, 2014 (Ph.D.) Chair  
 Aaron Welch, University of Miami, Evt. Science and Policy, 2015 (Ph.D.) Co-Chair  
 Karlissa Callwood, University of Miami, Evt. Science and Policy, (in progress) (Ph.D.) Chair  
 Caitlin Augustin, University of Miami, Evt. Science and Policy, (in progress) (Ph.D.) Co-Chair  
 Catherine McDonald, University of Miami, Evt. Science and Policy, (in progress) (Ph.D.) Chair  
 Julia Wester, University of Miami, Evt Science and Policy, (in progress) (Ph.D.) Chair  
 Annie Brett, University of Miami, Evt Science and Policy, (in progress) (Ph.D.) Chair  
 Johnny Bartz, University of Miami, Evt Science and Policy, (in progress) (Ph.D.) Chair  
 Stacy Alguilera, University of Miami, Evt Science and Policy, (in progress) (Ph.D.) Chair  
 Shireen Rahimi, University of Miami, Evt Science and Policy, (in progress) (Ph.D.) Chair  
 Lisa Johns, University of Miami, Evt. Science and Policy, (in progress) (Ph.D.) Chair  
 Federico Rotman, UM-RSMAS, Marine Affairs, December 2002 (M.S.)  
 Amit Hazra, UM-RSMAS, Marine Affairs, January 2003 (M.S.)  
 Ana Spalding, UM-RSMAS, Marine Affairs, May 2003 (M.A.)  
 Rebecca Greenberg, UM-RSMAS, Marine Affairs, 2004 (M.A.) Chair  
 Sandra McLaughlin, UM-RSMAS, Marine Affairs, 2004 (M.A.)  
 Sarah Wise, Bard College, Environmental Studies, May 2004 (M.S.)  
 Kristen McLendon , UM-RSMAS, Marine Affairs, 2005 (M.A.)  
 Evan Wade-Fox, Stanford University, Earth Systems, 2005 (M.S.)  
 Jessica Weinkle, Columbia University, Climate and Society, 2005 (M.A.)  
 Marissa Steketee, Marine Affairs, 2006 (M.A.) Chair  
 Sarah Heberling, UM-RSMAS, Marine Affairs, 2006 (M.A.)  
 Matt Kopkla, UM, Geography, 2007 (M.S.)  
 Jason Seuc, UM-RSMAS, Marine Affairs, 2008 (M.A.)  
 Bill Foresee, UM-RSMAS, Marine Affairs, 2008 (M.S.)  
 Jennifer Grimm, UM-RSMAS, Marine Affairs, 2008 (M.A.) Chair  
 Megan Porter, UM , Marine Affairs, 2010 (M.S.)  
 Joseph Stieglitz, UM-RSMAS, Marine Affairs, 2010 (M.S.)  
 Karlissa Callwood, UM Marine Affairs, (2010) (M.S.), Chair  
 Aaron Welch, UM-RSMAS, Marine Affairs, (2010) (M.S.)  
 Estrella Malca, UM-RSMAS, Marine Affairs (2012) (M.S.) Co-chair  
 Alicia Cohn, Barnard College, Environmental Science, 1999 (Honors B.S.)  
 Michelle Liang, UM, Architecture, 2006 (Honors B.A.)  
 Angie Pendergrass, UM, Meteorology/Math, 2006 (Honors B.S.)  
 Nikita Shiel-Rolle, UM, Marine Affairs, (2010) (B.S.)  
 Stephanie Lavey, UM, ECS, 2010 (B.S.)

**Post-doctoral Supervision:**

Neeraj Vedwan, 2001-2003  
 Norman Breuer, 2003-2005  
 Valerie Mueller, 2005- 2007  
 Miguel Fonseca, 2006-2007  
 Maria Alejandra Velez, 2007-2008  
 Nada Petrovic, 2012-2014

**SERVICE**

**28. University Committee & Administrative Responsibilities:**

National Center for Coral Reef Research (NCORE), 2010- 2012s

RSMAS Advancement Committee, 2009-present  
RSMAS Re-organization Committee, 2009-2010  
RSMAS Ship Operations Committee, 2008-2010  
RSMAS Dean's Search Committee, 2008-2009  
(Chair) RSMAS Ad-hoc Strategic Planning Group, 2005-2007  
UM "Communication Across the Curriculum" Quality Enhancement Program Implementation Committee, 2007  
UM Center for Latin American Studies Executive Board, 2003-2012  
UM Abess Center for Ecosystem Science and Policy Advisory Committee, 2003-2009  
UM Knight Center for International Media, Endowed Chairs Search Committee 2007  
CESP "Academics in the Environment" Steering Committee, 2005  
Faculty Senate Committee on Women and Minorities, 2002-2004  
University Research Council Selection Committee, 2001-2004  
College of Arts and Sciences – RSMAS Joint Faculty Working Group, 2003-2004  
RSMAS Faculty Marshal, Commencement Ceremony, 2005  
RSMAS Post-doc Selection Committee, 2001