



KLAUS KELLER, PH.D.
Professor, Department of Geosciences
Penn State

Friday, March 31, 2017, 10:45AM
Alampi Room, Marine & Coastal Sciences

Climate Risk Management in the Anthropocene: From Basic Science to Decision Making and Back



New Orleans - Katrina Flooding

Klaus Keller is a professor of geosciences at Penn State, with an adjunct appointment as a professor of engineering and public policy at Carnegie Mellon University. At Penn State, Keller directs the center for climate risk management as well as the research network for sustainable climate risk management (<http://scrimhub.org>). Before joining Penn State, he worked as a research scientist and lecturer at Princeton University and as an engineer in Germany. Professor Keller graduated from Princeton with a Ph.D. in civil and environmental engineering. He received master's degrees from M.I.T. and Princeton as well as an engineer's degree from the Technische Universität Berlin. His research addresses two interrelated questions. First, how can we mechanistically understand past and potentially predict future changes in the climate system? Second, how can we use this information to design sustainable, scientifically sound, technologically feasible, economically efficient, and ethically defensible climate risk management strategies? He analyzes these questions by mission-oriented basic research covering a wide range of disciplines such as Earth system science, economics, engineering, philosophy, decision science, and statistics.

—Coffee/tea will be served prior to the lecture—