



**KARL HAUSKER**

**Senior Fellow, Global Climate Program  
World Resources Institute**

**Friday, November 17 2017, 10:45AM  
Alampi Room, Marine & Coastal Sciences**

## **A Deeper Look at Deep Decarbonization Pathways for the U.S. Economy**

**Abstract:** *This event will present the results of two recent studies that analyze pathways the US could follow in the transition to a low-carbon economy. The reports, [From Risk to Return: Investing in a Clean Energy Economy](#) (sponsored by Risky Business) and the [United States Mid-Century Strategy for Deep Decarbonization](#) (the US official submission to the UNFCCC, Nov. 2017) present a range of pathways that can achieve 80% reductions in CO2 emissions by 2050. These pathways involve mixtures of: electrification of the economy, energy efficiency, renewable energy, nuclear power, and carbon capture and storage. Dr. Hausker will place these recent studies in the context of the findings of other relevant studies (e.g., by the Energy Modeling Forum and by [Jacobson, Delucchi, et al](#)), and explore how assumptions regarding the availability, performance, and integration of various technologies drive the energy, environmental and economic implications of the modeled pathways. Implications for energy policy and R&D portfolios will be explored.*

**Bio:** *Dr. Karl Hausker is a Senior Fellow in WRI's Climate Program. He leads analysis and modeling of climate mitigation, deep decarbonization, the social cost of carbon, and power sector policy, and he contributes to work on the New Climate Economy. He has worked for 30 years in the fields of climate change, energy, and environment in a career that has spanned legislative and executive branches, research institutions, NGOs, and consulting. He has led climate policy analysis and modeling projects for USAID, USEPA, the Regional Greenhouse Gas Initiative, the Western Climate Initiative, and the California Air Resources Board. Much of his work has focused on the energy and transportation sectors, and on low carbon, climate resilient development strategies. From 2007-2013, Karl was a Vice President at ICF International. He previously served as Deputy Director at the Center for Climate Strategies and as a Principal with Hagler Bailly. Karl worked in India all of 1999 as a Visiting Fellow at TERI. His experience also includes: serving President Clinton as Deputy Assistant Administrator in EPA's Policy Office where he represented EPA in interagency climate policy development and at COP-1; and serving as the Chief Economist for the U.S. Senate Committee on Energy and Natural Resources, where he worked on a diverse set of issues including electricity restructuring, CAFE standards, alternative fuels, western water policy, nuclear power, and energy security. Karl holds an M.P.P and Ph.D. in Public Policy from University of California, Berkley, and received his B.A. in Economics from Cornell University.*

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

*Co-sponsored by the Rutgers Energy Institute (REI) and Rutgers Climate Institute (RCI)*