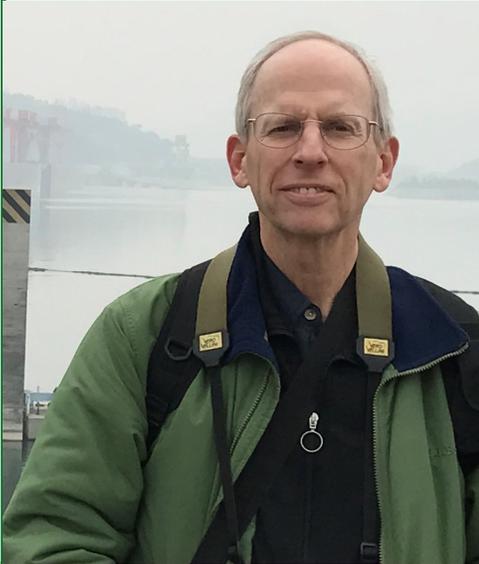




RUTGERS

*Human Ecology Brown Bag
Series Presents*



Daniel Van Abs, Ph.D.

Associate Professor of Practice

“Water Pricing and Inequality in New Jersey”

Rutgers University developed water demand forecasts through the year 2040 for all public community water systems (PCWS) in New Jersey, under contract to the New Jersey Department of Environmental Protection. Part of this project involved the evaluation of recent residential per capita water demands at the neighborhood level using demand data from households representing roughly 3.6 million people, roughly 40 percent of New Jersey’s population and 45 percent of all served by PCWS. Per capita demands were developed for annual, summer and non-summer periods so that the effects of seasonal

Location: Blake Hall 131,
Cook Campus

Date: Wednesday, October 3rd

Time: 12:30 to 2:00 pm

peaking could be shown. The results showed significant variation among New Jersey physiographic regions in low-density residential areas, and less variation for medium-density and high-density areas. The ratio of summer to non-summer periods indicated roughly a doubling of demands for low-density areas, and almost no change in high-density areas.

Daniel Van Abs is an Associate Professor of Practice for Water, Society & Environment at Rutgers University, School of Environmental and Biological Sciences, where he focuses on planning and management policy for water infrastructure, water supply, wastewater and watershed protection. Previously, he was Senior Director for Planning & Science with the Highlands Water Protection and Planning Council (NJ), where he managed staff efforts regarding implementation of the Highlands Regional Master Plan. He also has served as Director of Watershed Protection, NJ Water Supply Authority for over eight years; with the NJ Department of Environmental Protection for 12 years, six as manager for statewide water resources planning; and as Technical Director of the Passaic River Coalition for four years. He holds a Ph.D. in Environmental Science from SUNY-College of Environmental Science and Forestry. He is a licensed Professional Planner in New Jersey and former Chair of the New Jersey Clean Water Council. Dan is co-editor with Karen O’Neill of a new Rutgers University Press book (June 2016) Taking Chances: The Coast After Sandy.