Join E²SHI for a symposium featuring Claudia Ringler, Deputy Division Director of the Environment and Production Technology Division at the International Food Policy Research Institute (IFPRI). She will discuss examples of food, energy, and water (FEW) challenges, as well as potential solutions that use a variety of methods and tools.

Dr. Ringler’s research focuses on water resources management, particularly river basin modeling for policy analysis, and natural resource policy focused at sustainable agricultural productivity growth. She received her PhD in Agricultural Economics from Bonn University, Germany, and her MA in International and Development Economics from Yale University.

Mon, April 3 at 3:30 pm

Mudd Hall, Room 26

JHU Homewood Campus

3400 N. Charles St, Baltimore, MD 21218

Reception and poster showcase to follow. More info at http://e2shi.jhu.edu
E²SHI’s 7th Annual Symposium

Mon, April 3 at 3:30 - 5:30 pm
Mudd Hall, Room 26
JHU Homewood campus, 3400 N. Charles Street, Baltimore, MD 21218

Agenda

3:30 pm  Welcoming remarks: Darryn Waugh, E²SHI Acting Director
3:40 pm  Introduction to keynote speaker: Benjamin Zaitchik, Associate Professor in the Dept of Earth & Planetary Sciences, Johns Hopkins Krieger School of Arts & Sciences
3:45 pm  Presentation – Addressing Food, Energy and Water Challenges through Research for Development: Claudia Ringler, Deputy Division Director of the Environment & Production Technology Division, International Food Policy Research Institute (IFPRI)
4:30 pm  Q&A: Moderated by Benjamin Zaitchik, Associate Professor
4:45 pm  Closing remarks: Darryn Waugh, E²SHI Acting Director
4:50 pm  Reception and Poster Showcase: Posters feature a wide-range of environment and energy research underway at Johns Hopkins University. See below for the list of posters.
5:45 pm  Symposium closes

Posters List

- Earth abundant aluminum nanoparticles for photocatalysis - presented by Yan Cheng, Dept of Electrical & Computer Engineering (2016-17 E²SHI Fellow) and lab team
- Aerothermodynamics of termite mounds (2016-17 E²SHI seed grant) - presented by Shantanu Bailoor, Dept of Mechanical Engineering
- Harvesting energy from ‘piezoleaves’ for self-powered sensors (2015-16 E²SHI seed grant) - presented by Santiago Orrego, Dept of Mechanical Engineering
- Lithium-sulfur (Li-S) batteries research for energy storage - presented by Avery Baumann, Dept of Chemistry
- Predicting how wind generation impacts electric system reliability - presented by Cynthia Bothwell and Yulia Chen, Dept of Environmental Health & Engineering
- Issues and methods in “downscaling” results from energy system models - presented by Emily Fisher, Dept of Environmental Health & Engineering
- Integrating health into local climate response - presented by Mary Fox, Dept of Health Policy & Management
- Recovery of dissolved ammonium and inorganic phosphorus via ZSM-5 - presented by Michael Manto, Dept of Chemical & Biomolecular Engineering
- Energy efficiency research - presented by the Sustainable Hopkins Infrastructure Program (SHIP)
- Food, energy, and water research - presented by Ben Zaitchik, Dept of Earth & Planetary Sciences