

## WESTON ROUNDTABLE SERIES



Thursday, March 9, 2017
1163 Mechanical Engineering
1513 University Avenue
4:15 - 5:15 PM
coffee, tea and cookies at 4:00 PM

## **Environmental Impacts of Evolving Consumer Technology**

## Andrea Hicks Assistant Professor, Civil and Environmental Engineering (CEE) UW-Madison

Technology continuously evolves to become more complex. This increase in complexity is not without environmental, economic, and societal impacts. This has been particularly true for consumer products, in that what was once only dreamt of is now reality. Tools such as life-cycle assessment and agent-based modeling allow for the quantification of these impacts, and generate an understanding of potential unintended consequences. This will be explored looking at products such as energy-efficient lighting, nanoenabled textiles, and single-serve coffee pods.

