

**MECHANICAL ENGINEERING DEPARTMENT**

**ME/IE 8773-8774**

**Co-Sponsored by the Initiative for Renewable Energy and the Environment**

**Policy Considerations for a Carbon Managed Energy System**

by

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**Wednesday, February 14, 2007**

**3:15 pm — Room 125 ME — Coffee and Cookies**

**3:30 pm — Room 108 ME — Graduate Seminar**

**ABSTRACT** — Responding to climate change will require a significant realignment of how we produce and use energy. This talk will briefly review current state and federal initiatives to reduce greenhouse gas emissions and focus on the legal and regulatory challenges raised by carbon capture and sequestration (CCS) technology. CCS is fast emerging as a preferred technology to reduce net carbon dioxide emissions of burning conventional fossil fuels. Its successful large-scale deployment will, however, require development of a legal and regulatory framework to address many novel issues of property rights, risk allocation, and liability.

**BIO** — **Dr. Elizabeth J. Wilson** is an Assistant Professor of Energy and Environmental Policy and Law at the Humphrey Institute of Public Affairs at the University of Minnesota. She holds a doctorate in Engineering and Public Policy from Carnegie Mellon University and masters in Human Ecology from the Free University of Brussels in Belgium. Her research focuses on the development of carbon-managed energy systems. Recent work examines the regulatory and legal contexts for the deployment of carbon capture and sequestration technologies. Prior to joining the University of Minnesota she worked with the U.S. Environmental Protection Agency.

Informal Faculty Luncheon: Unknown at this time.