

KAREN ROSE OLESKY

karen.olesky@duke.edu

Career interests: Emission and climate change policy; emission reduction technology and renewable portfolio standard development, extending market based cap and trade systems.

EDUCATION

MASTER OF ENVIRONMENTAL MANAGEMENT, May 2008

Nicholas School of the Environment and Earth Sciences
Duke University, Durham, NC

Master's project: Practicality, feasibility and economic evaluations of proposed nuclear energy policies to develop Utah's action plan on complying with the Western Climate Initiative's CO₂ emissions reduction goal.

Resource focus: Energy.

Coursework: Business principles of management and finance, environmental law, energy and the environment, energy economics and policy, global environmental policy, climate change policy.

BACHELOR OF SCIENCE, *cum laude*, May 2005

Coastal Carolina University, Conway, SC

Major: Marine science. *Minor:* Environmental science.

Senior independent study project: Surveying and informing local and chain seafood restaurant owners in South Carolina concerning nonsustainable seafood species and potential substitutes offered on menus. Spring 2005

PROFESSIONAL EXPERIENCE

Strategic Policy Analyst Intern, American Electric Power, Columbus, OH

Researcher. Collected historic scientific measurements, current trends and proposed future predictions via peer reviewed publications to objectively identify issues with consensus and issues with differing viewpoints on all components of global climate change. Compiled a power point document used to brief senior management on the topic of global climate change science.

Policy Analyst. Interpreted prospective state and federal greenhouse gas legislation and policy memos to analyze their potential impacts on current AEP power plant operations and emission standards. Used emissions modeling software to evaluate the extent of future emission reduction technology needed to meet proposed legislation standards while meeting predicted generation demands through the year 2030. Endorsed favorable legislation to lobbyists and other large coal power plant policy analysts. Summer 2007

OTHER EXPERIENCE

Assistant Sustainability Coordinator, Coastal Carolina University's Campus/Community Sustainability Initiative

Assisted in start of CCU Initiative and its promotion on campus and in the community. Worked with Waste Management to increase total number of local businesses participating in cardboard recycling. 2005-2007

Field Studies in Shark Biology, Sharklab, Bimini Biological Field Station, Bahamas

Assisted with doctoral research on juvenile lemon shark behavior with acoustic tracking, tagging, gill netting and long lining. Spring 2004

ADDITIONAL INFORMATION

Hammer Thrower, Intercollegiate Division I Track and Field 2001-2005;

Individual All-Conference thrower, Outdoor 2003; Conference championship team member: Outdoor 2004, 2005; Indoor 2004.

Extensive review of IPCC TAR and AR4 with solid understanding of the fundamental science used to formulate climate change's potential impacts.