

## **VIEWSHED VALUATION PILOT STUDY**

\*Brown, Rebecca A., \*A. Hyde and S. Rogers

*Department of Environmental Science and Policy, rabrown4@plymouth.edu*

Faculty Advisor: Dr. Shannon Rogers

Typically defined as a “line of sight” in GIS analysis, viewsheds can also be measured on a “quality-of-life” scale. A viewshed can represent a variety ecosystem services. This is particularly important in NH because of our economy’s dependence on natural resource amenities, such as tourism. The newly operating Groton Wind Farm offers a perfect opportunity to explore viewshed values in our local community. An extensive literature review has been done revealing several themes. Noise disturbance, health effects and environmental and property impacts were some of the common concerns. Through interviews and a community workshop, we can stimulate community dialogues about the variety of ecosystem services encompassed in a viewshed and their associated values (economic and non-economic). This insight will help guide policy makers and community members to be prepared for new land uses that impact ecosystem services.