Proposal for Student Projects   **Computer Science Department, UNR**

Summary:
The design of computer-based information presentation systems have become increasingly important for presenting complex information to individual decision-makers across a range of public and private issues. These include health policy, financial investment and various forms of public infrastructure (utilities, transportation, etc.). The specific interface for the user spans various forms of interactive graphics (for example, http://services.alphaworks.ibm.com/manyeyes/app), to information dashboards (Few, 2006, Information Dashboard Design), and other data visualization techniques (http://www.readwriteweb.com/archives/the_best_tools_for_visualization.php ; http://prefuse.org/).

This project seeks to apply the lessons and models from other areas of information presentation to environmental management and community sustainability. The proposal would be for a throughout review of the latest though on presenting complex information in readily accessible formats, a review of what has been done in the area of community environmental management, and a working prototype for a select number of 5 indicators.

Derek Kauneckis, Dept. of Political Science
Other advisors to be added.