



USDA-CSREES 2006 National Water Quality Conference

[Integrated physical and socio-economic analysis at the watershed scale](#)

As part of a USDA-CSREES funded project (Conservation Effectiveness Assessment Program), we are developing a data base to evaluate the effectiveness of conservation practices as well as to determine the optimal suite of conservation practices in a mixed land use watershed in northern Idaho. The objective of this poster is to present the methodology for data collection and present preliminary analyses. A field-based approach is taken to collect data on farm enterprises including crop rotations, economic inputs (e.g., fertilizer, labor, and machinery) and outputs (yields), perceptions of erosion, constraints on adoption of conservation practices, and willingness to participate in conservation programs. These data are input into a computer data base linked to a Geographic Information System. While data collection is ongoing, this poster will present an example of a model farm enterprise within the watershed.

Author: Naga Srinivasa Tosakana

Coauthor(s): Naga Srinivasa Tosakana Jan Boll J.D. Wulfhorst Larry Van Tassel
Robert Mahler Erin Brooks