



# Announcement

**North American Benthological Society Annual Meeting  
Salt Lake City, UT**

**May 25-30, 2008**

**Special Session: Quantitative Methods for Evaluating the  
Status of Rare and Threatened Species**

Organizers: Leska S. Fore & William H. Clark

Abstract submission deadline: January 15, 2008

## **Quantitative Methods for Evaluating the Status of Rare and Threatened Species**

Organizers: Leska S. Fore, Statistical Design, Inc. & William H. Clark, Idaho Power Company  
and Orma J. Smith Museum of Natural History, The College of Idaho

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Many of the benthic freshwater species identified to be at risk for extinction, e.g., mussels, clams, and snails, may be rare, unevenly distributed, or hard to detect. The focus of this session is on the quantitative methods used to assess population size, condition, or change, such as mark-recapture, multi-stage survey sampling, and adaptive sampling. The goal of this special session is to bring together practitioners working with at risk populations to compare the limitations and advantages of various methods for different geographic settings and different types of organisms. Results from these studies can have enormous economic impact; for example, when power generation is limited at hydroelectric facilities to protect a threatened species.

This session is not limited to any particular species group or any particular method of population assessment. General methods papers related to sampling are also welcome. Of greatest interest are studies in which the scientific results are embedded in the decision process for species conservation and protection.