

STARMAP

Combining Environmental Data Sets

Jennifer Hoeting

Colorado State University

FUNDING SOURCE

- This presentation was developed under the STAR Research Assistance Agreement CR-829095 awarded by the U.S. Environmental Protection Agency (EPA) to Colorado State University. This presentation has not been formally reviewed by EPA. The views expressed here are solely those of its author and the STARMAP Program. EPA does not endorse any products or commercial services mentioned in this presentation.

Combining Environmental Data Sets

- Combine data from diverse sources to make inferences.
- Data sources:
 - EMAP's probability based design
 - Remotely sensed and GIS data
 - Assessment of species traits

A guiding principle of STARMAP

A searching analysis of real data often generates questions whose answers call for an extension of existing statistical theory or methodology.

Optimal lattice and geo-statistical sample designs
for EMAP Data

Molly Leecaster, Jennifer Hoeting, Kerry Ritter

Predicting Acid Neutralizing Capacity

Brett Kellum, Jennifer Hoeting, Scott Urquhart

Composition Models for Benthic Invertebrate Data

Devin Johnson, Jennifer Hoeting, LeRoy Poff,
Brian Bledsoe

A look ahead....

- Papers and software
- Johnson and Kellum graduate
- Hoeting to University of Otago, New Zealand for sabbatical (spring semester, 2003)