



Coeur d'Alene, Idaho
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REFERENCE CONDITION CASE STUDIES: EMPHASIS ON SELECTION OF REFERENCE SITES

Course Presenters

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RFC201 – Reference Condition Case Studies: Emphasis on selection of reference sites

- **Lattin:** A coarse screening process for initial selection of reference sites
- **Drake:** Oregon's process for selection of reference sites
- **Spindler:** Arizona's reference site selection and classification
- **Sarver:** Developing multi-state criteria for selecting reference sites
- **Break**
- **Lattin:** A fine scale screening process for selecting reference sites
- **Zumberge:** Wyoming's reference site selection experience
- **Sowa:** A hierarchical classification for stream reaches

Reference site selection is

- **An iterative screening process for selecting sites**
 - That are minimally or least disturbed by human activities and resultant stressors
 - That are representative of the aquatic resource in the region of interest
- **Guided by indicators of human disturbance/stress**
 - In the atmosphere
 - In the landscape/watershed
 - In the riparian corridor or near the site
 - In the channel
 - In the water
 - In the biota
- **Available at different spatial scales**

Hierarchical Screening Process

SOURCES OF SITES

- Digital stream maps
- Lists

- Surveys
 - probability
 - other

- Best professional judgement

SCREENING BASIS

Extensive Data

Office Data

Recon

Site Measures

