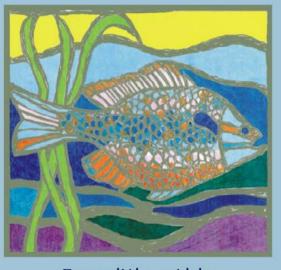
National Biological Assessment and Criteria Workshop

Advancing State and Tribal Programs



Coeur d'Alene, Idaho 31 March – 4 April, 2003

RFC 202

ADVANCED REFERENCE CONDITION TECHNIQUES: SPECIAL CIRCUMSTANCES & PROBLEM SOLVING

Course Presenters

Phil Larsen, Lynne McAllister, Michael Barbour, Tyler Baker, Allen Heakin, Michael Suplee

Course Contributors

Jerry Barker, Steve Lent, Bob Hughes, Paul Ringold, James B. Stribling, Gary Hickman, Don Dycus

RFC202 – Advanced Reference Condition Techniques: Special Circumstances and Problem Solving

- McAllister: Using historical information to assist characterizing reference condition
- Barbour: Challenges in urban (MD) and agricultural landscapes (MS)
- Baker: Reference condition for reservoirs (TVA)
- Break
- Heakin: Selecting Reference Sites In Agricultural Areas
 A South Dakota Case Study
- Suplee: Challenges in Selecting Reference Streams in Plains Landscapes: Northeastern Montana

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

