

Tahoe Area Stream Investigation, Stabilization & Restoration Design Workshop

With an emphasis on Innovative Approaches to Stream Stabilization and Restoration

June 3-5, 2008

Tahoe Environmental Research Center – Incline Village, NV

The purpose of this three day training workshop is to provide professionals in the Sierra Nevada Region new information and tools related to the design and construction of stream channel restoration and bank stabilization projects. Mr. Dave Derrick with the U.S. Army Corps of Engineer's Engineering Research and Development Center's Coastal & Hydraulic Laboratory (ERDC-CHL) will be instructing the course. Dave is a research hydraulic engineer and has implemented projects and taught classes all over the County. The workshop will focus on the "How To" part of design and implementation. Participants will walk away with the knowledge necessary to actually design and construct channel and streambank improvements. Other topics covered during the workshop include:

- How to develop clear and achievable restoration goals
- Learn to read a stream and analyze streambank erosion problems
- Understand the philosophy of bank stabilization and stream processes
- Define the role of grade control
- Examples and case studies of innovative bank protection methods

The first two days of the workshop are lecture and will be held at the Tahoe Environmental Research Center in Incline Village, Nevada. The third day will be field training with visits to local streams to discuss and practice the skills learned during days one and two.

The focus audience is engineers, hydrologists, restoration ecologists and permit writers in the Lake Tahoe Basin and Northern Sierra's tasked with designing, constructing, or evaluating stream stabilization and restoration efforts. Class size is limited to 40 persons and the cost is \$100.00. Registration for the training is available through the UC Davis website <http://conferences.ucdavis.edu/streamworkshop> and payment will need to be made by credit card. Registration will be open until May 15, 2008. The training will be from 9am through 5pm for all three days and lunch each day is included in your registration.

This effort is sponsored by US Army Corps of Engineers Sacramento District Office and Water Operations Technical Support (WOTS) program, UC Davis, Incline Village General Improvement District, Nevada Tahoe Conservation District, and Nichols Consulting Engineers.

