



Short Courses/Workshop

The following short courses and one workshop will be offered on Monday afternoon, January 24, before the Conference begins.

- [Evaluating Sediment Transport: Tools, Techniques, and Application to Site Management](#)
- [Sediment Management Based on Comparative Risk Assessment and Multicriteria Decision Analysis](#)
- [Ecological Restoration Following a Sediment Removal Action](#)
- [Application of Geostatistics to Sediment Characterization and Residuals Confirmation](#)
- [Research Needs and Funding Opportunities: Results from the SERDP/ESTCP 2004 Contaminated Sediments Workshop](#)

COURSES: MONDAY, NOON-4:00 P.M.

See the [Registration](#) information for the fee schedule and discount deadlines for the four courses. **Note: Maximum discount applies to fees paid by October 15.** Prospective short course attendees should preregister no later than December 15 because classroom space allocations and production of materials will be determined by the number registered for each course by that date. If insufficient registrations are received for a given course by December 15, the course will be canceled, with registrants' fees being transferred to other courses selected by the registrants or refunded. Course registrations will be accepted after December 15 only if space is available,

Evaluating Sediment Transport: Tools, Techniques, and Application to Site Management

Instructors: Craig Jones, Ph.D. (Sea Engineering, Inc.) and Jesse Roberts (Sandia National Laboratories)

Because many contaminants of concern at aquatic sites are bound in the bottom sediments, sediment stability and transport have been of great interest to site managers for decades. To help standardize the management of contaminated sediment sites, the EPA recently has developed guidance, including the *Principles for Managing Contaminated Sediment Risk at Hazardous Waste Sites* and the draft version of the *Contaminated Sediment Remediation Guidance for Hazardous Waste Sites* manual. To address the need to evaluate sediment transport and stability, many tools and techniques have been developed to characterize and quantify the relevant fundamental processes. One of the biggest challenges remaining for site managers is determining how best to utilize sediment stability data to address common site management questions. This course will present site management questions that require sediment stability information. These questions will be presented in the context of a "generic" conceptual site model for sediment transport to illustrate how sediment stability relates to overall site management. The most commonly employed devices and techniques for determining sediment stability will then be outlined, and specific features of each method will be highlighted. This will be followed by a more detailed description of Sedflume, a sediment stability measurement device developed under EPA funding. The course will conclude with a discussion of how the common sediment stability tools and techniques can be integrated to provide information that is of direct use in answering site management questions.

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