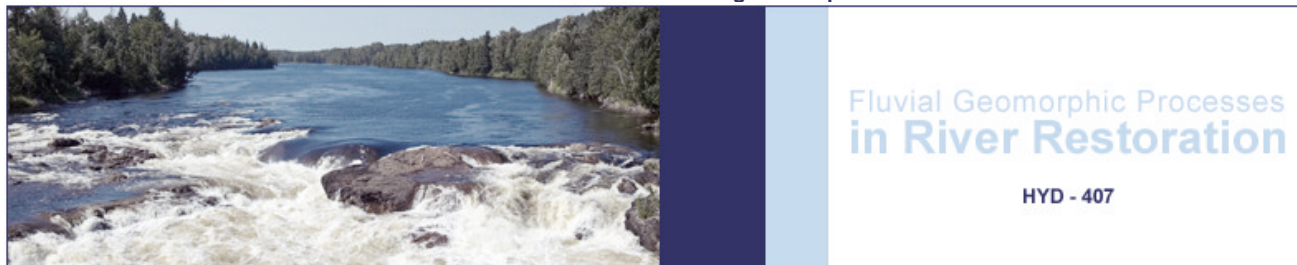


Northwest Environmental Training Center presents:



Fluvial Geomorphic Processes in River Restoration

HYD - 407

[Registration Form](#) | [Course Brochure PDF](#) (includes reg. form, directions, and lodging info) | [Directions](#) | [Accommodations](#)

Fluvial Geomorphic Processes in River Restoration - A preconference workshop of the [Fourth Annual River Center Meeting](#), University of Montana

Course ID: HYD - 407

September 27, 2006, 8:30 A.M. to 5:00 P.M. (1 Day)
University of Montana | University Center Theater
32 Campus Drive | Missoula, MT 59812

Instructors:

Jack Schmidt, Utah State University | *Jeff Kershner*, USGS Northern Rocky Mountain Science Center, Bozeman
Tim Abbe, Herrera Environmental Consultants | *Peter Wilcock*, Johns Hopkins University | *Karen Williams*, Montana State University

Description: The workshop provides tools for understanding, assessing and incorporating geomorphic processes into restoration goals and design to best ensure the long term sustainability of proper functioning conditions. Stream restoration design often focuses on creating stable channel forms without adequately accounting for the basic processes controlling morphology. Failure to address the processes controlling channel development has seriously compromised the performance of many restoration projects. Successful stream restoration design is founded on an adequate understanding of the input and conveyance of water, sediment and wood and the spatial and temporal effects these processes have on channel morphology. The sediment, flow, and wood regimes of most streams have been altered by flow regulation, impoundments, bank stabilization, the removal or re-introduction of wood debris, and the alteration of riparian conditions. Stream restoration should address these changes and consider how the system will respond to future restoration actions. The presenters will discuss how the rate and magnitude of the delivery of water, sediment, and wood influence channel morphology and restoration effectiveness.

Course Sessions:

- Introduction to Process Geomorphology (Karen Williams: 0.5 hrs)
- Disturbance Regimes and Processes that Produce Sediment and Wood (Jeff Kershner: 1.5 hrs)
- Rate and Magnitude of Delivery of Water (bankfull discharge, dominant discharge, and effective discharge); Implications of Regulation/Dams (Jack Schmidt: 2 hrs)
- Rate and Magnitude of Delivery of Sediment; Routing of Sediment (Peter Wilcock: 2 hrs)
- Rate and Magnitude of Delivery of Wood; (Tim Abbe: 1.5 hrs)

Intended Audience: This course is intended for those seeking an improved understanding of fluvial geomorphic processes and their impacts of river restoration.

Prerequisites: River restoration experience and previous course work in fluvial geomorphology are both helpful, but not required.

Credit: 2.0 Continuing Education Units (CEUs)

Registration: \$175 (\$75 for students with enrollment documentation). A registration form is attached to this PDF file. You may also register online at www.nwetc.org or by calling the Northwest Environmental Training Center at (206) 762-1976

Northwest Environmental Training Center

A 501(c)(3) nonprofit program of the Northwest Environmental Education Council

650 S. Orcas Street, Suite 220 | Seattle, Washington 98108 | Main: 206-762-1976 | Fax: 206-762-1979 | www.nwetc.org



MONTANA

Missoula, Montana | ACCOMMODATIONS near The University of Montana | The River Center

<p>The Broadway Inn Conference Center is hosting a special rate of \$59 for University Conferences 1609 W Broadway St Missoula, MT</p>	<p>(406) 532-3300</p>	<p>Doubletree Hotel 100 Madison St Missoula, MT</p>	<p>(406) 728-3100</p>
<p>Grant Creek Inn 5280 Grant Creek Rd. Missoula, MT</p>	<p>(406) 543-0700</p>	<p>Executive Inn 201 E Main St Missoula, MT</p>	<p>(406) 543-7221</p>
<p>Thunderbird 1009 E Broadway Missoula, MT</p>	<p>(406) 543-7251</p>	<p>Holiday Inn Express 200 South Pattee Missoula, MT</p>	<p>(406) 549-7600</p>
<p>Campus Inn 744 E Broadway St Missoula, MT</p>	<p>(406) 549-5134</p>	<p>Hampton Inn 4805 N Reserve St Missoula, MT</p>	<p>406) 549-1800</p>

To request additional information, please call us at (206)762-1976 or send us email at info@nwetc.org



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REGISTRATION FORM

Name: _____ Today's Date: _____

Agency/Organization: _____

Street Address: _____ Mail Code: _____

Street Address (cont.): _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Email: _____ Title: _____

Indicate Course(s):

Geomorphic Processes in River Restoration

\$ _____

Course I.D. HYD-407 | September 27, 2006, 8:30 A.M. to 5 P.M.

University of Montana, Missoula, Montana

Registration: \$175 (\$75*)

*Reduced rate for students.

Payment Method: Check PO Credit Card (Visa or Mastercard) Total: \$ _____

Credit Card or PO #: _____ Exp: _____

Cancellation Policy:

Registration fees are fully refundable up to 30 days prior to the event and 50 percent refundable thereafter up to the day prior to the event. Registration may occur up to the day prior to the event provided that space is available.