

RIVER SHORT COURSE

Alberta, Canada



August 15-19, 2011

Presented By

Dave Rosgen, P.H., Ph.D.

Wildland Hydrology

 Website: www.wildlandhydrology.com 

 Phone: 970-568-0002 

Sponsored by:

***Trout Unlimited Canada in Partnership with CWRA
Alberta and Golder Associates Ltd.***

Wildland Hydrology



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Website: www.wildlandhydrology.com

Introduction

Wildland Hydrology offers a series of training courses designed to provide “hands-on” experience for those individuals working with rivers and their watersheds. Courses are presented through lectures and on-the-ground field experience. The overall intent is to develop a unique expertise through shared data, applied methodologies and project experiences to help meet the current challenges facing today’s scientists. The course offerings allow individuals to progress through a range of interrelated courses beginning with the fundamentals in *Applied Fluvial Geomorphology (Level I)* and continuing through the more complex *River Restoration & Natural Channel Design (Level IV)*.

Course Participants

The short courses are designed for hydrologists, engineers, fisheries biologists, range management specialists, water resource planners and other specialists involved in water resource management and research, aquatic habitat assessment and improvement, river and water quality determination, cumulative impact assessment, TMDL’s, evaluation of riparian ecosystems and watershed analysis. Individuals working with urban, agricultural and wildland watersheds also attend these courses.

Instructor Biography

Dave Rosgen, P.H., Ph.D., Registered Professional Hydrologist and Principal Hydrologist of Wildland Hydrology, Inc. Dave has 45 years of experience in stream morphology, restoration, sedimentology, stream classification development and applications, grazing and riparian systems management, cumulative water resource impact assessment and modeling, fish habitat enhancement, and research in river studies. He designs, supervises, contracts and monitors a variety of large scale river restoration projects throughout the world. Dave conducts short courses for government agency personnel, universities and consulting



Applied Fluvial Geomorphology

Level I. Applied Fluvial Geomorphology (AFG) 5 Day Course

Instructor: Dave Rosgen, P.H., Ph.D., Wildland Hydrology
Location: Conference facilities at Golder Associates Ltd.,
2535 - 3rd Avenue S.E., Calgary AB
Dates & Cost: August 15-19, 2011, \$1950.00 CAN (Register through Wildland Hydrology)
Sponsor: Trout Unlimited Canada in Partnership with
CWRA Alberta and Golder Associates Ltd.

General Description: This introductory course combines lecture and field applications to familiarize students with the fundamentals of river behavior and the general principles of fluvial geomorphology, sedimentation, hydraulics, restoration, fish habitat improvement, riparian grazing management and streambank erosion. Applications of these principles are presented using a stream classification system. Problem solving techniques for watershed management, riparian assessment, fish habitat structure evaluation, stream restoration, non-point source pollution and the integration of ecosystem concepts into watershed management are taught. This course has been offered since 1986 and utilizes the *Applied Fluvial Geomorphology* book (Rosgen, 1996).

Registration Form:

Fax to 970-568-0014 or register at wildlandhydrology.com

Name: _____

Title: _____

Company or Agency: _____

Street: _____

City: _____

State: _____

Zip: _____

Fax: _____

Work Phone: _____

Cell Phone: _____

E-mail 1: _____

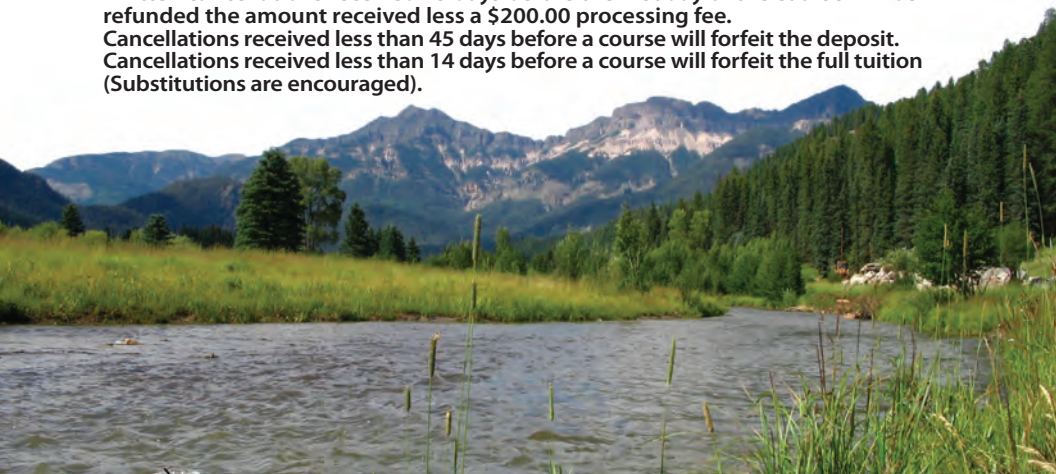
E-mail 2: _____

Payment: MasterCard Visa AMEX Check

Card#: _____

Exp. Date: ____ / ____ **Verif. Code:** ____ **Signature:** _____

Written cancellations received 45 days before the first day of the course will be refunded the amount received less a \$200.00 processing fee. Cancellations received less than 45 days before a course will forfeit the deposit. Cancellations received less than 14 days before a course will forfeit the full tuition (Substitutions are encouraged).



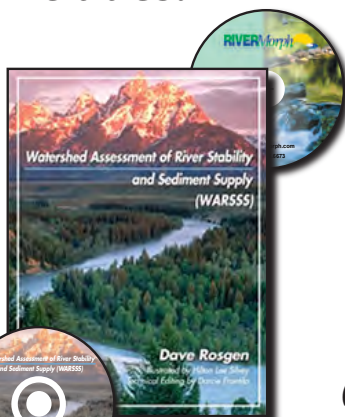
New Publications:

Watershed Assessment and River Stability Package Deal!

Special Price of \$167.20 for all 3 Books

...A Savings of \$41.80!

Includes:



**Original Cost
\$120.00**

Watershed Assessment of River Stability and Sediment Supply (WARSSS)

A geomorphology-based procedure to quantify the effects of land uses on sediment supply and channel stability; developed in partnership with the EPA (Includes CD-Roms of Worksheets and RIVERMorph™ Trial Version)

AND

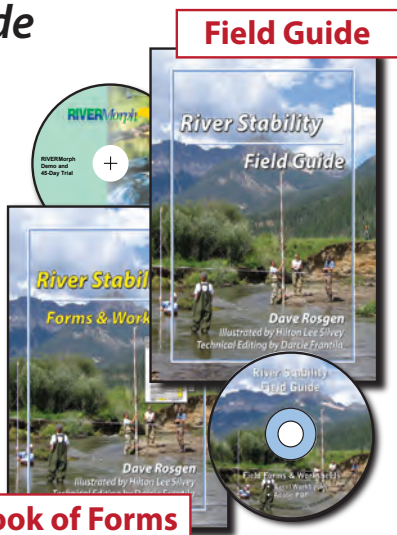
River Stability Field Guide

Includes the tools and techniques with examples to implement a consistent, quantitative and comparative river stability assessment

...and Book of Forms & Worksheets

Includes four, full-color sets of forms that correspond with the Field Guide (Set Includes CD-Roms of Forms and RIVERMorph™ Trial Version)

Original Cost per set \$89.00



Order online at www.wildlandhydrology.com