



CSP3310 - River Morphology and Applications

Course Code	CSP3310
Course Title	River Morphology and Applications
Description	<p>Registration open to FWS personnel only. All others, including DOI agencies, must register through Wildland Hydrology (Phone: 970/568-0003).</p> <p>This course is designed to train individuals to delineate stream types using the stream classification method as published in 'Applied River Morphology', Rosgen, 1996. A combination of lecture and field sessions will provide practical experience in the topics listed below.</p> <p>Prerequisite: FIS3210 Applied Fluvial Geomorphology</p> <p>Objectives:</p> <ul style="list-style-type: none"> •Integrate fluvial geomorphology concepts with problem solving techniques . •Determine and map land forms, land types and valley types . •Pre-map stream types on aerial photos and topographic maps . •Field validation of the bankfull stage at a USGS stream gaging station. •Use field methods to properly measure morphological variables . •Observe all of the major stream types, A-G, in the field . •Discuss ecosystem management applications using stream types such as:. •fish habitat structure evaluation. •riparian management/grazing methods. •watershed management/cumulative effects assessment and analysis . •hydraulic and sediment relations engineering design concepts . <p>Target Audience: Field staff involved in stream habitat assessment and restoration. This course is a pre-requisite to the FIS3410 River Assessment and Monitoring - Level III course.</p>
Delivery Method	Instructor Led
Non-FWS Fee	\$1,195.00
Instructional Hours	36
Credits/CEUs	3.0
Course Content Contact	Gary Schetrompf: gary_schetrompf@fws.gov; (304) 876-7255; gary_schetrompf@fws.gov
Curriculum Category	Habitat Assessment Restoration and Management
Course Frequency	Once per year
Registration Link	Register in DOI Talent
DOI TALENT Course Type	ILT
College Credit Name	Semester Hours
College Credit Value	2

Start	End	Session Information	Location	Session Contact
4/15/2019	4/19/2019	For registration questions: michele_atha@fws.gov For course content questions: gary_schetrompf@fws.gov Class starts at 8:00 AM on first day and ends at Noon on last day	National Conservation Training Center (NCTC)	michele_atha@fws.gov