

# CONTINUING EDUCATION PROGRAM FOR NATURAL RESOURCE PROFESSIONALS

## Fiscal Year 2011 Calendar Year October 2010 to September 2011 SCHEDULE OF WORKSHOPS USDA Forest Service



Photograph by Marc Bosch @ ESAL/PLA



Photograph by David Arbour USFS Find-A-Photo



"We can't solve problems by using the same kind of thinking we used when we created them."

~ Albert Einstein, Physicist

Sponsored by:  
Watershed, Fish, Wildlife, Air and Rare Plants Staff (FWARP)  
USDA Forest Service

## The Program

*Mission: Serving the People Who Care for the Land*

This continuing education program is sponsored by the USDA Forest Service Watershed, Fish, Wildlife and Air staff (WFWARP). The Continuing Education program (CE-WFWARP) goal is enhancing the productivity and effectiveness of professionals working with management of watershed, terrestrial and aquatic habitats. Though targeted for natural resource professionals, everyone is welcome. Be aware the workshops are presented at a university graduate level.

**The WFWARP Continuing Education program** was initiated in 1987, and is the program described in this brochure. Consisting of graduate-level workshops hosted by universities, agencies and institutions, the workshops increase productivity and effectiveness of experienced natural resource professionals and technicians. The workshops provide knowledge and skills needed to become leaders in integrated resource management. **These workshops are rigorous (e.g., interactive exercises, tests, pre-work and projects) and will require work.** Instructors for each workshop are leaders in their fields and include university professors, experienced natural resource managers, researchers, and public sector.

For a detailed explanation of the Continuing Education WFWARP program and workshops visit our web site ([www.fs.fed.us/biology/education](http://www.fs.fed.us/biology/education)). There are two levels in the program. **Level I** is Technical Leadership aimed at GS 5-9 and those new to their career, but it is not exclusive. **Level II** is Program Leadership consisting of four workshops. You are welcome to repeat any of the workshops over your career, as the content will always be updated. In addition to the workshops, a completed project is necessary to graduate. A project can be either the Program Plan developed in *Program Management* or a project negotiated with the National CE-WFWARP Program Leader.

**Who is eligible?** Eligible candidates include wildlife, fisheries, botany, hydrology, watershed, recreation, timber and other resource professionals with an education in wildlife, fisheries, plant management or related fields and generally 3 years experience in resource management. A few workshops are applicable to Technicians. Line officers are encouraged to apply, as are resource specialists from State, Tribal, Federal and other agencies. The 'Leadership & Communications' and 'Plain & Simple! Document Writing' workshops are applicable to everyone.

*Intelligence shows itself not so much in having the right answers but in being able to ask the right questions.* Anonymous

## How to Apply

**Forest Service Applicants.** A 'call for nominations' goes out in May through each Region. Follow your Regional Coordinator's instructions. If your Region sponsors limited tuitions, supervisors should forward nominations to their Regional Coordinator, following the Region's nomination process. After selection by the Regional Office and confirmation by the Washington Office (confirmation is announced in October), candidates submit payment directly to the vendors (credit card or SF182). The host university or institution is the vendor. 'Landscape Ecology' is an exception; see web site for tuition payment details.

**All Forest Service employees fill out a SF182.** Self-funded individuals can register directly in AgLearn. AgLearn does **not** automatically process payment; participant must submit payment through the normal fiscal processes. Two workshops have selection processes; nominees are listed in the October confirmation letter being selected by the vendor in November.

**Once confirmed, participants are obligated to pay the tuition.** Confirmation will occur in October via letter or e-mail from the Regional Office. **If a confirmed participant needs to withdraw he/she must immediately contact his/her Regional Coordinator for assistance in finding a substitute. Trying to withdraw from a workshop with only a few weeks notice is difficult and is not recommended.** Every effort will be made to assist participants with their individual needs.

**Tuition.** Workshop tuitions do **not** cover meals, lodging or travel. Limited tuition dollars are available through a few Regional offices during the nomination process. Most tuition dollars are currently allocated to individual Forests. Therefore, responsibility for payment of all costs (e.g., tuition, per diem and travel) rests solely with the nominating unit. If you miss the spring nomination period, contact your Regional Coordinator or National Program Leader for assistance.

**Non-Forest Service Applicants.** Candidates from other countries, agencies, States, Tribes, private industry, or the public interested in enrolling should apply directly to workshop vendors or contact the National Program Leader. Reduced tuitions are available for some workshops for Tribal Natural Resource Professionals. See our web site for additional information or contact the National Program Leader. [www.fs.fed.us/biology/education](http://www.fs.fed.us/biology/education)

**Accessibility.** Contact the vendor upon registration for assistance with any special needs. Providing a quality learning experience is a priority - the sooner we know of any needs the better experience we can provide.

Photograph by Randy Roberts USFS Find-A-Photo



Photograph by Teresa Prendusi USFS Find-A-Photo



Participants from diverse disciplines, other natural resource agencies, and private organizations are encouraged to apply for these workshops.

## PROGRAM LEADERSHIP

**Leadership and Communications (LAC)** Objectives: explain and discuss personal preferences for mentally processing information, making decisions, approaching tasks and interacting with others, demonstrate essential communication skills (e.g., writing/speaking); practice negotiation techniques; discuss models of leadership and management; improve team function and leadership; facilitate and manage meetings; demonstrate managing issues and communicating through the mass media, and develop a list of actions that will increase effectiveness and influence in the organization. Everyone can be a leader, regardless of one's position in the organization, by improving leadership and communication skills.

AgLearn Keywords: 2600 wo leadership communications

**McMullin Training & Consulting affiliated with VPI\***

**February 8 - 17, 2011**

*Travel 2/7 & 2/18*

**Sedona, AZ**

**Tuition: \$1,800**

Dr. Steve McMullin, McMullin Training and Consulting,  
6828 Sahalee Circle, Radford, VA 24141  
540-818-1670

smcmulli@verizon.net

VPI offers a traveling tailored version of Leadership & Communications. See "Workshops on Demand" for additional information.

\*VPI = Virginia Polytechnic Institute & State University

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**Leadership and Communications: Advanced (LAC/A)** Objectives: develop and improve participants' leadership skills through in-depth exploration of their personality type, the leadership behaviors they exhibit, and personal leadership coaching. Focuses on understanding and developing the most effective personal leadership style for each participant. Increased understanding of self is achieved through use of two instruments: the MBTI Step II instrument and the Leadership Practices Inventory (LPI), a 360-degree assessment tool. The LPI provides participants with a comparison of their self-evaluations and the evaluations of supervisors, peers, and people they supervise regarding leadership behaviors the participants exhibit in five areas. Includes individual, personal consultations between the instructor and each participant designed to ensure maximum benefit in incorporating feedback from the assessment tools into individual development plans.

AgLearn Keywords: wo 2600 leadership communications

**McMullin Training & Consulting affiliated with VPI\***

**January 25 - 28, 2011**

*Travel 1/24 & 1/28*

**Springfield/Eugene, OR**

**Tuition: \$1,095**

Dr. Steve McMullin, McMullin Training and Consulting,  
6828 Sahalee Circle, Radford, VA 24141  
540-818-1670

smcmulli@verizon.net

\*VPI = Virginia Polytechnic Institute & State University

## **Natural Resource Policy, Values, and Economics (NRPVE)**

Objectives: describe factors involved in policy-making and describe basic policy-making models; explain the basic roles of economics in natural resource, ecosystem service, and outdoor recreation management; demonstrate comprehension and appreciation of human value systems underlying policy-making and economics; demonstrate skills in interpreting and applying human dimensions data to natural resource policy and management including National Visitor Use Monitoring (NVUM) recreation visitation, visitor spending, preferences data and Renewable Resources Planning Act (RPA) economic values data. Discussion strongly relates to activities on National Forest System lands via case study and interactive exercises.

AgLearn Keywords: wo 2600 policy values economics

**Colorado State University**

**in partnership with UGA**

**February 28 - March 4, 2011**

**Fort Collins, CO**

**Tuition: \$1,350**

Dr. John Bergstrom, University of Georgia (UGA), Department of Agriculture & Applied Economics, Athens, GA  
706-542-0749

jberg@uga.edu

*Portland State University (PSU) will host the FY12 workshop.  
PSU, CSU and UGA offer workshops in alternate years.*

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**Program Management (PMB)** Objectives: demonstrate skills to effectively develop and implement a Program Plan on participant home units. Participants draft a Program Plan covering goals, objectives, elements, personnel development, budget, marketing, and tiering to Forest Plans. Draft plan handed in at end of workshop. Focus on motivating people to think programmatically. Target audience is journey-level biologists responsible for program development.

AgLearn Keywords: wo 2600 program management

**Utah State University**

**March 14 - 17, 2011**

**Logan, UT**

**Tuition: \$350**

Shelly Witt and Dr. Brett Roper, WATS Department, Utah State University,  
Logan, UT

435-881-4203 (Witt)

switt01@fs.fed.us

*One (1) graduate credit is available.*

**Program Management - Round II (PMII)**. Return to finish writing or update your document. Join in the 'original' PMB workshop per individual needs.

**March 14 - 17, 2011**

**Tuition: \$50**

Contact information same as for Program Management

## TECHNICAL LEADERSHIP Multi-disciplinary

SPECIAL OFFER FOR 2011:  
ESAL & PLA COMBINED!

### Super Combo: ESAL + PLA (ESAL)

A combined PLA and ESAL workshop; Endangered Species Act for Line Officers + Policy & Legal Aspects of Endangered Species Management for Specialists.

Objectives: examine policy, legal and administrative aspects of the Endangered Species Act and managing threatened, endangered and sensitive species across landscapes; describe the roles of all the players; understand agency and other entities' obligations for consultation and recovery; discuss tools available to implement conservation measures outside of the listing process. For 2011, ESAL is joining forces with PLA providing a unique opportunity for line officers and specialists to take an ESA course together; sharing valuable experiences and perspectives. Blending the best of both workshops, the focus of this course is on the ESA, with special attention to section 7 consultation, and related statutes, regulations, and policies/procedures. Important emerging issues such as climate change, and legal and administrative updates are also addressed. Interactive lectures, mixed group roundtable discussions, specific group breakouts, educational field trip, and panel of experts facilitate learning. Designed for line officers, decision makers, potential line officers and natural resource specialists.

AgLearn Keywords: wo 2600 endangered species line

Lewis & Clark College  
May 2 - 5, 2011

Denver, CO  
Tuition: \$1,095

Lin Harmon, J.D., Associate Director, Environmental & Natural Resource Law Program, Lewis & Clark Law School, Portland, OR  
503-768-6882

lhw@lclark.edu

Administrative Contact: Linda D'Agostino  
503-768-6784

lindad@lclark.edu



Photograph by A. Madara USFS Find-A-Photo



Photograph by Marc Bosch @ ESAL/PLA

## Policy and Legal Aspects of Endangered Species Management

(PLA) Objectives: explain policy and legal aspects of managing threatened, endangered and sensitive species; integrate into management practices with special emphasis on agency consultation and recovery obligations under Section 7 of the ESA, as well as available recovery tools beyond consultation. Focus is on the ESA and related laws, policies and administrative practices from the perspective of field biologists and other staff specialists. Course also addresses important emerging issues such as climate change and legal and administrative updates. Interactive lectures, roundtable discussions, and a diverse program faculty, including law professors, practicing attorneys, and representatives from the regulatory agencies facilitate learning. An **advanced workshop** may be scheduled for a group of 15 or more. PLA/Advanced is more in-depth and specific with application to home unit projects. If interested, contact vendor for details.

AgLearn Keywords: wo 2600 policy legal endangered species

Lewis and Clark College  
Intro: November 1 - 4, 2010 (FY2011)

Portland, OR  
Tuition: \$930

Special Offer: See "ESAL" - May 2011; ESAL blended with PLA

Janice Weis, J.D., Director, Environmental & Natural Resources Law Program,  
Lewis & Clark Law School, Portland, OR  
503-768-6784

jweis@lclark.edu

Administrative Contact: Linda D'Agostino  
503-768-6784

lindad@lclark.edu



**Plain & Simple! Document Writing (PSDW)** Objectives: write clear, concise analytical documents readily understood by the average reader; effectively communicate technical and scientific information to a variety of audiences. Participants edit documents with current practices. Designed for natural resource professionals writing letters, analytical documents, NEPA documents, biological assessments/evaluations and other types of documents, but open to everyone. During the workshop participants edit their documents, resulting in improved products.

Distance Delivery - details to be announced  
AgLearn Keywords: wo 2600 plain simple writing

In collaboration with the USFS Ecosystem Management Coordination Staff

Environmental Planning & Documentation  
Request in AgLearn for 2011

Distance Delivery  
Tuition: \$180

Dr. Jud Monroe, Environmental Planning & Documentation, San Anselmo, CA  
415-453-6546

jmonroe@pacbell.net

## Innovative Approaches to Wildlife and Highway Interactions

(IAWHI) Objectives: explain how highways affect terrestrial wildlife; demonstrate tools to identify and reduce highway-related impacts to wildlife; explain the highway planning process, including large scale connectivity analyses; and develop interdisciplinary networking opportunities. Designed for both resource biologists and engineers, and taught by both. Topics include an overview of wildlife issues relative to pre-existing highways and future highway planning; differences in impacts and solutions between low volume and high volume roads; structural and non-structural solutions to wildlife mortality and habitat connectivity; and an introduction to current resources on wildlife/highway crossings and interactions. Visit CE-WFW website for details.

AgLearn Keywords: highway, transportation, wildlife

**US Forest Service and US FWS**  
**August 16 - 18, 2011**

**\*NCTC - Shepherdstown, WV**  
**Tuition: \$575**

Sandra Jacobson, USFS, PSW Research Station, Bend, OR  
541-678-5240 sjacobson@fs.fed.us  
Terry Brennan, USFS, Tahoe National Forest, Nevada City, CA  
530-478-6180 tbrennan@fs.fed.us  
\* NCTC = USFWS National Conservation Training Center  
FWS-TEC7189

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## Planning for Environmentally-Sensitive Highway Projects

(EcoHWYS) Objective: streamline and improve delivery of an environmentally-sensitive highway project using the context-sensitive planning approach in an interdisciplinary and interagency planning team. Instructors are an interdisciplinary team (transportation ecology specialists: wildlife biologists, engineers, hydrologists, soil scientists, botanists, and recreation planners). Target audience: interagency, interdisciplinary team and line officers working together on a multi-year project including highway project planning. Topics include agency differences in NEPA, time lines, funding mechanisms and policy. Course structure might allow some disciplines to participate for less than the entire week. **“REQUEST” in AgLearn.**

AgLearn Keywords: highway, transportation, wildlife

**US Forest Service**  
**On Demand**

**Location: TBD**  
**Tuition: \$800**

Sandra Jacobson, USFS, PSW Research Station, Bend, OR  
541-678-5240 sjacobson@fs.fed.us  
Terry Brennan, USFS, Tahoe National Forest, Nevada City, CA  
530-478-6180 tbrennan@fs.fed.us

## Landscape Ecology (LE)

Objectives: examine landscape ecological relationships by defining the spatial scale (grain and extent), thematic content and resolution of the landscape in the context of specific objectives; explain how patterns develop on landscapes; characterize landscape patterns; quantify landscape dynamics; explain the ecological implications of landscape pattern; explain how humans manage complex landscapes to achieve management objectives, including conservation biology and ecosystem management. Focus on the interplay between spatial pattern and process; specifically, how to characterize spatial pattern, where it comes from, why it matters, how it changes through time, and how we manage it. Project-based and place-based learning techniques focusing on applying to management situations. The course is structured into lecture and computer lab exercise. Participants use various computer models to demonstrate landscape ecology concepts and quantify landscape characteristics. Basic knowledge of ARC MAP is useful but not required as students work in small groups during the daily computer exercises.

~~NOTE: Vendor payment handled through USFS Washington Office.~~

AgLearn Keywords: 2470 2600 landscape ecology wildlife forestry watershed silviculture fire management

*Hosted in collaboration with the USFS National Advanced Silviculture Program.*

**Affiliated with University of Massachusetts**  
**May 16 - 27, 2011**

**Flagstaff, AZ**  
**Tuition: \$**

Dr. Kevin McGarigal, ~~Associate~~ Professor of LE, Department of Natural Resources Conservation, University of Massachusetts, Amherst, MA  
**Admin/Silviculture Certification Contact:** Glenda Scott, USFS, R1  
406-329-3122 glscott@fs.fed.us  
**Registration Contact:** Shelly Witt, USFS, CE-WFW  
435-881-4203 switt01@fs.fed.us



USFS Find-A-Photo

## GIS and Remote Sensing (GIS).

Visit [www.fs.fed.us/biology/education/workshops/gis/index.html](http://www.fs.fed.us/biology/education/workshops/gis/index.html) for a vendor list.

## Water Resource Management for Line and Staff Officers (WRMLO)

Objective: explain legal and administrative aspects of water resource management; describe the demands, values, tensions and opportunities related to water issues and the management of NFS lands; provide effective leadership of Forest Service water resource issues and activities. Focuses on providing Forest Supervisors, District Rangers, Staff Officers and Program Managers with foundations of law, philosophy and insight to strategically guide water resource and watershed management issues. Interactive lectures, discussions, activities and field trips are used to facilitate learning. Participants are selected by the training cadre to achieve diversity and nation-wide distribution of management experiences.

AgLearn Keywords: wo 2500 watershed management

USDA Forest Service  
February 21 - 25, 2011

Sedona, AZ  
Tuition: \$500

Cadre Coordinator: Ranotta McNair, Forest Supervisor, Idaho Panhandle NF  
**Information Contact:** John Potyondy, USDA Forest Service, Stream Systems Technology Center  
970-295-5986

[jpotyondy@fs.fed.us](mailto:jpotyondy@fs.fed.us)



Photograph by Dr. Bruce Marcot, USFS @ WCM



Photograph by Dr. Bruce Marcot, USFS @ WCM

## Vegetation Monitoring (VM)

The Nature Conservancy-Florida offers a Vegetation Monitoring workshop. Register at [nata.snre.ufl.edu/registration.htm](http://nata.snre.ufl.edu/registration.htm). Visit our website for additional information.

## Terrestrial

**Wildlife Conservation & Management (WCM)** Objectives: explain habitat issues and concepts that shape resource management at national, regional and local levels; apply habitat concepts and management in light of recent theory, technology and research findings; and apply new knowledge to situations and actual problems encountered in resource management. Teaching methods are a 'blend' of online and on site: the first part is taught online over an 11 week period; the second part is taught on site for 1 week.

AgLearn Keywords: wo 2600 wildlife conservation management

Northern Arizona University  
On line: January 24 - April 10, 2011  
On site: April 11 - 15, 2011

Flagstaff, AZ  
Tuition: \$1,300

Dr. Carol Chambers, Northern Arizona University, School of Forestry,  
Flagstaff, AZ  
928-523-0014

[carol.chambers@nau.edu](mailto:carol.chambers@nau.edu)

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## Asking & Answering the Right Monitoring Questions (AARMQ)

Objectives: matching management goals to clear management and monitoring objectives; crafting the right monitoring questions for the management context. Any organization conducting biological monitoring has management goals that articulate what the organization wants the land to look like. Monitoring is the measurement of land condition relative to these goals. This course discusses tools for the design of monitoring programs that assess ecological systems relative to management actions. Topics include (1) how conceptual modeling can help craft effective monitoring questions and (2) effective design and analysis tools for creating sampling designs and analyzing data. This workshop is meant to help craft effective monitoring programs and is not a workshop in field techniques.

AgLearn Keywords: wo 2600 monitoring

Sound Science, LLC  
January 12 - 14, 2011

Salt Lake City, UT  
Tuition: \$850

Dr. Robert Unnasch, Sound Science-LLC, Boise, ID  
[www.sound-science.org](http://www.sound-science.org)  
208-860-0780

[bob@sound-science.org](mailto:bob@sound-science.org)

## Aquatic

### **Aquatic Ecosystem Monitoring & Evaluation -Western (NR16)**

Objectives: demonstrate skills to effectively monitor and evaluate aquatic/riparian restoration projects; and develop an effective aquatic ecosystem monitoring program. This western workshop focuses on building successful aquatic ecosystem monitoring programs: FS monitoring responsibilities and legal mandates for agency monitoring; priority development, including levels and intensity of monitoring; introduction to sampling design - basic statistical principles necessary for designing effective aquatic monitoring strategies; development of clear monitoring objectives based on management objectives; sampling techniques & field equipment; data analysis - displaying a variety methodologies used for analysis; evaluation, interpreting and reporting monitoring data.

AgLearn Keywords: R6 2600 NR16

**USDA Forest Service**  
**June 6 - 10, 2011**

**TBD**  
**Tuition: \$500**

Deb Konnoff, USFS, PNW Region, Natural Resources, Aquatic Training Program,  
Portland, OR  
[www.fs.fed.us/r6/water/fhr/training](http://www.fs.fed.us/r6/water/fhr/training)  
503-808-2676

[dkonnoff@fs.fed.us](mailto:dkonnoff@fs.fed.us)

### **Aquatic Monitoring–Eastern (AM\_E)**

See “Workshops On Demand” provided by Dr. Brett Roper. Same content as NR16, but with eastern perspective. Tuition dependent on location. **“REQUEST” in AgLearn or contact the vendor.**

AgLearn Keywords: 2600 aquatic monitoring

Dr. Brett Roper, USFS National Aquatic Monitoring Program Leader; WATS  
Department, Utah State University, Logan, UT  
435-755-3566

[broper@fs.fed.us](mailto:broper@fs.fed.us)



### **Stream & Watershed Restoration Design & Implementation (NR20)**

Objective: develop and implement stream and watershed restoration programs at the district level. Restoration in watershed analysis context, and effective stream restoration programs. Topics include: The watershed context for planning stream habitat and watershed restoration projects; identifying existing habitat condition, desired future habitat conditions, and limiting factors; formulating watershed, habitat and channel objectives; developing alternative approaches to restoration in an interdisciplinary manner; general overview on designing and implementing restoration projects; required NEPA analysis and documentation; necessary permits; contract preparation and administration; physical and biological monitoring and evaluation; implementing projects through partnerships; how to plan successful projects. Feedback/help on your current watershed restoration projects is available. Part of the USDA Pacific Northwest Aquatic Training program.

AgLearn Keywords: R6 2600 NR20

**USDA Forest Service**  
**May 16 - 20, 2011**

**West side TBD**  
**Tuition: \$500**

Paul D. Powers, USDA Forest Service, PNW Region,  
Deschutes NF; Crescent RD  
[www.fs.fed.us/r6/water/fhr/training](http://www.fs.fed.us/r6/water/fhr/training)  
541-552-2913

[ppowers@fs.fed.us](mailto:ppowers@fs.fed.us)

### **Advanced Concepts in Aquatic Ecosystem Analysis (ACAEA)**

Objectives: explain and discuss the aquatic biologist’s role in the watershed/ecosystem analysis process; apply specific analysis methods relating to current issues. **Emphasis in this year’s workshop is climate change and aquatic systems.** Participants integrate information from conservation biology, community ecology, and the physical sciences, into class exercises designed to simulate field problems. Exercises simulate aquatic issue analyses performed during effects analysis. Presented through multiple distance delivery methods; weekly meetings over multiple months. Target audience is **journey-level fish biologists and aquatic ecologists.**

AgLearn Keywords: 2600 aquatic ecosystem analysis

**Utah State University**  
**May 9, 2011 - Weekly meeting over multiple months**

**Distance Delivery**  
**Tuition: FREE**

Dr. Brett Roper, USFS National Aquatic Monitoring Program Leader, WATS  
Department, Utah State University, Logan, UT  
435-755-3566

[broper@fs.fed.us](mailto:broper@fs.fed.us)

## Designing for Aquatic Organism Passage at Road-Stream Crossings

(AOP) Objectives: demonstrate the stream simulation methodology of collecting and interpreting channel and roadway data at road-stream crossing sites; applying and integrating these data to develop design channels and road-stream crossing structures; effectively constructing stream simulation designs. Focus is on the USDA Forest Service stream simulation method, an ecosystem-based approach for designing and constructing road-stream crossings that provide unimpeded fish and other aquatic organism passage through the structure. Stream simulation integrates fluvial geomorphology concepts and methods with engineering principles to design a road-stream crossing that contains a natural and dynamic channel through the structure, restoring ecological processes and connectivity along the stream corridor. **“REQUEST” in AgLearn or \*\*contact the vendor.**

**Target audience:** engineers, hydrologists, biologists, geologists, etc. actively involved in designing road-stream crossing structures.

AgLearn Keywords: fs wo 2500 aquatic organism passage road crossings

**USDA Forest Service/Stream Systems Technology Center**

**\*\*On Demand**

**\*\*On Demand**

**Tuition: \*\$1,200**

Dr. Dan Cenderelli, Fluvial Geomorphology/Hydrology, USDA Forest Service, Stream Systems Technology Center, 2150 Centre Ave., Bldg. A, Suite 368, Fort Collins, CO 80526

970-295-5984

dcenderelli@fs.fed.us

\*\*Coordinate through your Region Fish Biologist, Engineer or Hydrologist.

\*Tuition may be reduced pending funding sources.

## WORKSHOPS ON DEMAND

Host a workshop at your home unit. Prices vary by workshop, facilities, location and desired complexity. Hosting units assist with facility coordination. Special requests are welcome. Contact Shelly Witt (CE-WFWARP) or the listed contact to find out more about the workshops.

- **Data Analysis using Excel™** - Objectives: design Pivot Tables; use ANOVA and Regression Analysis; interpret data.
- **Technical & Scientific Writing** - Objectives: analyze data; write professional quality technical documents and scientific articles to be disseminated broadly to the public.
- **Sampling Amphibians** - Objective: explain and demonstrate sampling methods for a variety of amphibians and associated habitats.
- **Aquatic Monitoring** - Eastern: Twin to NR16. See NR16 description/objectives and perspective.

**Contact: Dr. Brett Roper**

435-755-3566

broper@fs.fed.us

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## • Using Myers-Briggs Psychological Type to Improve Team Function

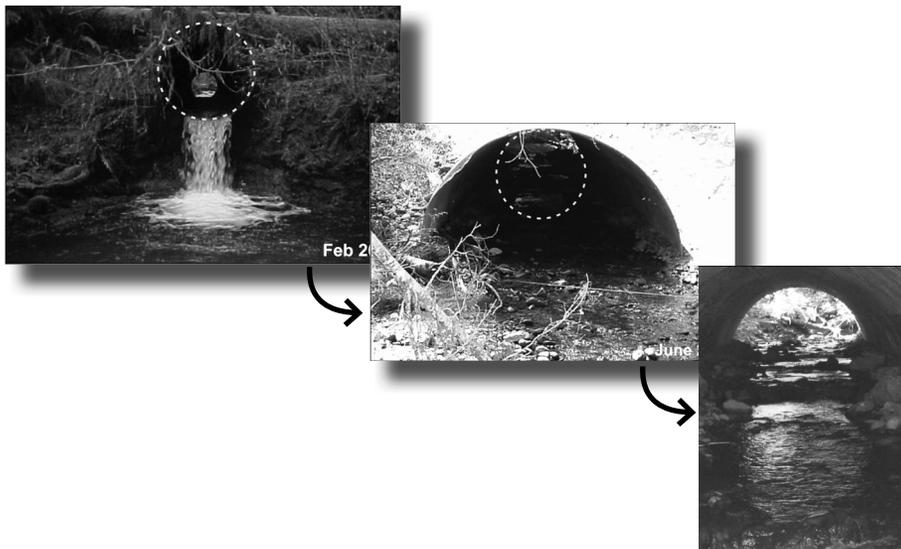
One- or Two-day Workshops. Myers-Briggs psychological type provides an excellent framework to help teams function more effectively. Understanding differences in how people prefer to interact with others, process information, make decisions and approach tasks, as assessed by the Myers-Briggs instrument, can be especially helpful to teams that have experienced personnel changes. This workshop helps members of leadership teams, ID teams, or other teams gain better understanding of how they can work together more effectively. The one-day workshop is appropriate for smaller teams (10 or fewer people), while the 2-day workshop allows more time to address individual differences for larger teams. Contact Dr. Steve McMullin for additional information.

**Contact: Dr. Steve McMullin**

540-818-1670

smcmulli@verizon.net

USFS: AOP - restoration of unimpeded aquatic organism passage.



## USDA Forest Service

### National Continuing Education/WFWARP

#### Program Leader

Shelly Witt

435-881-4203

switt01@fs.fed.us

[www.fs.fed.us/biology/education](http://www.fs.fed.us/biology/education)

### Regional Continuing Education Coordinators

#### Jolyn Wiggins

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#### Leigh McDougal

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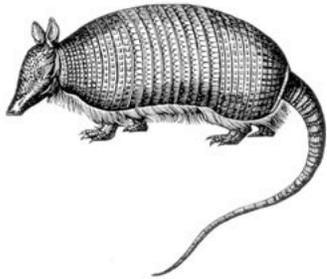
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#### Robert Alvarado

Region 6

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#### John Curnutt

Region 9

414-297-4149

jcurnutt@fs.fed.us

## WEBSITE & ONLINE TRAINING

Visit our web site ([www.fs.fed.us/biology/education](http://www.fs.fed.us/biology/education)) for detailed workshop information (e.g., agendas, readings, travel). Other information relevant to natural resource professionals is available.

USDA employees can register through AgLearn:  
[www.aglearn.usda.gov](http://www.aglearn.usda.gov)

Register for (or Request) workshops in AgLearn.



## OTHER TRAINING OPPORTUNITIES:

USFS Minerals & Geology:

[www.fs.fed.us/r1/projects/nmto/nmto\\_index.shtml](http://www.fs.fed.us/r1/projects/nmto/nmto_index.shtml)

The Natural Resource Distance Learning Consortium:

<http://nrclc.iddl.vt.edu/index.php>

USFS GSTC: Live and online (“e”) Training - internal link

<http://fsweb.geotraining.fs.fed.us/oc.php?courseID=22>

For other agency and university training opportunities visit

[www.fs.fed.us/biology/education](http://www.fs.fed.us/biology/education) and select the ‘Resource Center’ or ‘Other Training’ link. The BLM, FWS, NOAA, and NPS all offer training.

US Department of Interior registration web site:

<https://doilearn.doi.gov>

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Photograph by Dave Herr USFS Find-A-Photo



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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call (800) 795-3272 or (202) 720-6383 (TDD). USDA is an equal opportunity provider and employer.

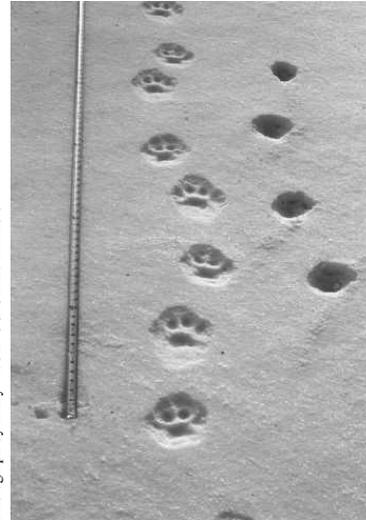
## NEW COURSES

In development ...

**Climate Change and Aquatic Systems:** online through AgLearn

In partnership with Utah State University/Utah Climate Center.

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## CLIENT SURVEY

We will conduct a Client Survey in the fall or spring. Stay tuned for emails from your Regional Office. If you want to ensure participation in the survey contact the National CE-WFWARP Program Leader (switt01@fs.fed.us).

# To Do List:

- ❑ Read brochure and letters from Washington Office and Region. See CE-WFWARP website for the letters and e-brochure.
- ❑ Visit CE-WFWARP website: [www.fs.fed.us/biology/education](http://www.fs.fed.us/biology/education). **Pay attention to “Withdraw/Drop” policy.** Assume you will need to pay fixed costs or find a substitute.
- ❑ Fill out Region Funding/Registration form - per regional instructions. Not all Regions do this - most have you register directly in AgLearn. Call Regional CE-WFWARP Coordinator or National CE-WFWARP Program Leader ([switt01@fs.fed.us](mailto:switt01@fs.fed.us))
- ❑ Register in AgLearn - Most workshops are ‘first come - first served’; a couple workshops have a selection process. Contact National CE-WFWARP Program Leader if need help with AgLearn.
- ❑ Process your SF182 in AgLearn and pay the vendor.
- ❑ **BE AWARE:** Filling out a SF182 does NOT automatically register you for training nor pay tuition. Registering in AgLearn does NOT automatically fill out your SF182 nor pay the tuition. Contact the National CE-WFWARP Program Leader for help.

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