

March 2nd, 2010 1-Day Workshop
Sponsored by Idaho Chapter American Fisheries Society (open to all)
Pocatello, Idaho

Unraveling the Spring Creek Mystery

What should they look like and how do we get there?



Workshop Registration Fee (Lunch included): \$50

Registration Link: <http://www.idahoafs.org/meeting.php>

Red Lion Hotel
1555 Pocatello Creek Rd.
Pocatello, ID 83201
Phone: 208-233-2200

Time 9:00 – 5:00

Workshop Goals:

1. Participants will understand what causes spring creeks to form and function in the ways they do.
2. Participants will be given tools to determine the level of disturbance that has occurred.
3. Provide Participants with examples tools/techniques used to complete spring creek restoration, including do's & don'ts (lessons learned), by way of case studies.

My contact for info about workshop:

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Understanding Spring Creek Form and Function

- 9:00 – 9:15 Introduction and Housekeeping
- 9:15 – 9:45 **Intermountain spring creeks: what do we really know about them and how do we restore them?**
Scott E. Gillilan, Gillilan Associates, Inc.
- 9:45 – 10:05 **Spring creeks - where does the water come from and how does it get there? Methods and tools for assessing springs and groundwater flow systems feeding springs: examples from the Greater Yellowstone area.**
David Susong, USGS.
- 10:05 – 10:25 **The flows are different but what about the plants? Role of vegetation in spring creeks contrasted and compared to snow melt systems.**
Chris Hoag, Hoag Riparian & Wetland Restoration, LLC.
- 10:25 – 10:40 Morning Break sponsored by: Biota Research & Consulting, Inc.
- 10:40 - 11:10 **An ecological approach to spring creek restoration in the Mojave Desert, with a general discussion of sediment transport dynamics.**
Chad Gourley and Ned Andrews, Otis Bay Ecological Consultants.
- 11:10 – 11:30 **Using habitat parameters to assess health of spring creeks. Preliminary results of habitat assessments across an array of spring creeks at the Silver Creek Preserve.**
Briana Schultz, Graduate Student Montana State University.
- 11:30 – 11:50 **Factors influencing the distribution and recruitment of juvenile cutthroat trout in the Teton River, Idaho.**
Martin Koenig, Idaho Fish and Game.
- 12:00 – 1:00 Buffet Lunch
- 12:20 – 12:50 **Observations of a spring creek aficionado, plants, food, cover and fish what's there relation?**
Mike Lawson, Author and Manager Henry's Fork Angler.

Tools and Techniques and Lessons Learned along the way

- 1:00 – 1:20 **Understanding habitat enhancement potential of degraded spring creek systems.**
Ryan Colyer, Biota Research & consulting Inc.
- 1:20 – 1:40 **Aquatic macrophytes, sediment, and flow on the Henry's Fork and other spring creeks.**
Adonia R Henry, Scaup & Willet LLC.
- 1:40 – 2:00 **Evolution of thought, can I do spring creek restoration?**
Jim Gregory, Gregory Aquatics.
- 2:00 – 2:20 **Planting techniques to restore spring creeks.**
Chris Hoag, Hoag Riparian & Wetland Restoration, LLC.
- 2:20 – 2:40 **Restoration and enhancement techniques, lessons learned from 12 years.**
Katie Salsbury, Intermountain Aquatics Inc.
- 2:40 – 3:00 Afternoon Break sponsored by: The Nature Conservancy, Silver Creek Preserve,
- 3:00 - 3:20 **What is the appropriate regulatory role for spring creek restoration and fishery enhancement projects.**
Tom Bassista, Idaho Division Water Resources and US Army Corp.
- 3:20 – 3:40 **Case study of the Blackfoot Bottoms.**
TBA,
- 3:40 – 4:00 **Case study of past restoration structures on Flat Creek through the National Elk Refuge.**
Lara Sweeney, Wyoming Game and Fish Department
- 4:00 – 4:30 **Panel Discussion:** All presentors
- 4:30 Wrap Up