



Colorado-Wyoming Society of American Foresters Annual
Meeting May 2-4, 2012

Water – From Forests to Faucets

Leonardo da Vinci is quoted as saying, “Water is the driving force of all nature.” Perhaps foresters, more than anyone, recognize the relationship between forests and water. Nowhere is that relationship more important than along the Colorado Front Range and “water” has been chosen as the topic for the 2012 Colorado-Wyoming State Society meeting of the Society of American Foresters. This year’s meeting is hosted by the Mile High Chapter and will be held at the historic Golden Hotel, located at 800 Eleventh Street, Golden, CO 80401.

Agenda

Wednesday, May 2nd – The Golden Room

8:00 – 12:00 am Forest Measurements Training, Juniper Systems (register with Juniper Systems)
1:00 – 5:00 pm General Membership and Executive Committee Meeting

Thursday, May 3rd – Hotel Lobby

Field Trip 1:

8:00 am – 2:00 pm Foothills Water Treatment Plant and Waterton Canyon

Field Trip 2:

2:00 – 5:00 pm Golden White Water Park, Clear Creek Habitat Improvement - Trout Unlimited, and Golden Treatment Plant Tour

6:00 – 8:00 pm Social – **West Patio**, Golden Hotel – Appetizers and Cash Bar

Friday, May 4th – Plenary Session, Clear Creek Ballroom

8:00 – 11:30 am Morning Program:

Panel 1 – Water Rights and Use
Panel 2 – Water Quality


11:30 am – 1:00 pm Awards Luncheon (Buffet)

1:00 - 4:30 Afternoon Program:

Panel 3 – Upstream Effects
Panel 4 – Best Management Practices

6:00 – 8:00 pm Banquet

Keynote Speaker: Kirk Klancke, Winter Park Ranch Water and Sanitation District, and 2011 Field & Stream National Conservationist of the Year



**Forester's Fund
Raffle** - Please
bring items to
donate!

Optional daytime activities planned for spouses and families

CFE Credits Available!

Lodging

A block of rooms has been reserved at the Golden Hotel for SAF and participants are encouraged to stay there. Contact the Hotel at 800-233-7214 or their website at www.thegoldenhotel.com. Ask for the SAF block of rooms.

If you have any questions, please contact:

Ed Morgan, Meeting Chair edmorgan4@msn.com 303-476-1583
Gary Lidholm, Publicity Chair garylidholm@gmail.com 303-330-1799

Friday, May 4 Water – From Forests to Faucets Plenary Session

Morning Program - Jim Thinnis, Moderator

8:00-8:15 Welcome

8:15-9:45 Panel 1 – Water Rights and Use

Water Rights – Lois Witte, Senior Counsel, USDA Office of General Counsel

- Riparian vs. Prior Appropriation Water Rights
- Adjudication

- Minimum in-stream flow

Water Use/Allocation – Dick Wolfe, State Engineer, Colorado Division of Water Resources

- Compacts, national and international agreements

- Water use (by State, by beneficial use)

- State-wide water planning (new supply, conservation, agriculture transfer)

Water Collection and Transport – Bob Steger, Manager of Raw Water Supply, Denver Water

- Diversions, Transport, Treatment

10:15-11:30 Panel 2 – Water Quality

Clean Water Act – Water Quality Protection Framework – EPA, speaker pending

- Point and non-point sources of pollution

- Anti-degradation (outstanding, reviewable, use protected waters)

- Permitting needs and process

Water Quality Standards – EPA, speaker pending

- Beneficial uses

- Numeric & narrative criteria

Safe Drinking Water Act – Source Water Assessments & Protection – John Duggan, Colorado Department of Public Health and Environment

11:30-1:00 Lunch

Afternoon Program – Randy Frank, Moderator

1:00-2:30 Panel 3 – Upstream Effects

Management and Fire Effects on Water Quality – Lee MacDonald, CSU

- Effects after fire

Beetle and other Mortality Effects - Chuck Rhoades, USFS RMRS

- Stream Flow

Beneficial Effects – Zach Smith, Colorado Water Trust

- Maintaining in-stream flows

3:00-4:20 Panel 4 - Best Management Practices

Project Design– Joan Carlson, USFS

- Harvest, Skidding, and Road Considerations

Permits (roads, in-stream work) Greg Davis, EPA

- Non-point source

Monitoring – Rich Edwards, CSFS

- BMP Water Quality Audit

4:20-4:30 Wrap Up

6:00-8:00 Banquet – Keynote Speaker - Kirk Klancke, Winter Park Ranch Water & Sanitation District, and 2011 Field & Stream National Conservationist of the Year



Forestry Continuing Education Opportunity by Juniper Systems and Haglof, Inc.

Wednesday, May 2nd 2012: 8am – 12:15 pm
Golden Hotel, Golden Colorado
800 Eleventh Street, Golden, CO 80401 (Golden Conference Room)

Course Description

This ½ day course is a hands-on seminar taught by Dr. Brian Mitchell, North American Sales Manager for Haglof, Inc., and Trevor Brown, Natural Resources Market Manager for Juniper Systems, Inc. to teach foresters the latest forest measurement tools and technologies. We will begin with review of a comprehensive forest inventory desktop software application teaching techniques for planning, design and information management. We will then go to the field and navigate using GPS to defined plots (across the street to a park) for hands-on training of a range of forest measurement devices. We will wrap up back in the office for an overview of powerful data processing and reporting tools.

Who Should Attend?

Foresters who want to learn about available field inventory technologies and get practical hands-on experience.

SAF Credits: 4.0 Category 1 Continuing Education Credits

Cost: \$20.00

Location and Equipment Required

The course will meet at the Golden Hotel in Golden, Colorado (see address above). Most of the course experience will be outside; therefore it is recommended that you wear appropriate attire.

7:45 – 8:00 Sign in & Registration

8:00 – 8:15 Welcome – Introduction

8:15 – 9:30 Inventory Planning and Design

- Forestry-Dedicated Desktop Software Applications
 - Stand delineation
 - Sample plot layout
 - Building custom cruise templates
 - Preparing field computers

9:30 – 9:40 Break

9:40-11:40 Field Instruction on Electronic Forest Inventory Techniques

- GPS and plot navigation
- Using ultrasound for fixed plot and variable plot point sampling
- Electronic height measurement
- Using a rugged field computer forestry software to collect inventory data

11:40 – 12:00 Processing cruise data and creating reports

12:00 – 12:15 Questions & Answers, Adjourn

Please Email Trevor Brown trevor@junipersys.com to register or for questions