



2012 North American River Management Symposium

Pre-Symposium Activities

Monday, April 23rd

8:00 AM - 4:00 pm	Wild and Scenic Rivers Act Workshop: Section 7 Training	Mt. Mitchell
	Sponsored by the Interagency Wild and Scenic Rivers Coordinating Council Joan Harn, Co-Lead, Wild and Scenic Rivers Program, National Park Service	
8:30 am - 2:00 pm	Golf Fundraiser	Course, on site
12:00 - 5:00 pm	Registration	Laurel Registration
2:00 pm - 5:00 pm	Tennis Tournament	Courts, on site
2:00 - 10:00 pm	Setup for Silent Auction, Exhibitors	Mt. Roan/Mt. Pisgah
5:30 - 8:00 pm	Professional Networking	Mulligan's

Symposium Program

Tuesday, April 24

Meals are provided for registered attendees unless otherwise designated

6:00 - 7:00 am	Morning Wake-up: Yoga and Group Run	See Message Center
7:00 - 8:15 am	Registration	Swannanoa
7:30 - 8:30 am	Continental Breakfast	Expo
8:30 - 9:45 am	Welcome	Expo
	Invocation: Ms. Myrtle Driver, Eastern Band of Cherokee Indians "Beloved Woman" and cultural traditionalist	
	Keynote: Paul Greenburg, author of <i>Four Fish</i> , winner of the 2011 James Beard Award for Writing and Literature	
9:45 - 10:15 am	Break	Expo
10:15 - 11:00 am	Plenary: <i>Heritage on the Brink: Restoration of Native Southern Appalachian Brook Trout</i>	Expo
	Steve Moore and Matt Kulp, Great Smoky Mountains National Park	
11:00 am - 12:00 pm	Plenary: <i>Just Add Water - Restoring North Carolina's</i>	Expo

Mountain Streams Regulated by Hydropower Dams

Steve Smutko, Tuckasegee Facilitator; Mark Cantrell, USFWS; Mark Singleton, AW; Steve Johnson, Duke Power.

12:00 - 1:00 pm

Lunch – River Management Awards

Expo

Symposium Tracks

- Engaging Youth—Assuring Future Generations of River Rats
- Water Trails as Tools for Advocacy, Stewardship, Education, and Management
- Accessing the River—From Landownership to Technology
- Got Water? Is it Clean? What about the Fish?
- Loving the River without Loving It to Death
- A River Runs Through It

1:30 - 3:00 pm

Concurrent Sessions 1

Mt. Mitchell

Engaging Youth I

Building a Junior River Ranger Program for Wild and Scenic Rivers

Lee Steppacher and Liz Lacy, National Park Service

Got Water? I

Overlook

Innovative Solutions for River Flow Protection and Restoration

Gerrit Jobsis, Jenny Hoffner and John Seebach, American Rivers

Water Trail Innovations I

Foxfire

Linking the Landscape: Conservation Strategies along Water Trail Corridors

Staci Williams, American Rivers; Kari Hanna, Palmetto Conservation Foundation; Maria Whitehead, The Nature Conservancy

A River Runs Through It I

Dogwood

Flows and Recreation on Virginia's New River

Jot Splenda, The Louis Berger Group, Inc.

Salmon, Water Management and Climate Change

Lisa C. Thompson, University of California, Davis

Railroads and Access on Alaska's Rivers

David W. Schade, MPA, Alaska Department of Natural Resources

3:00 - 3:30 pm

Break

Mt. Roan/Mt. Pisgah

3:30 - 5:00 pm

Concurrent Sessions 2

Engaging Youth II

Paddle Safe—Paddle Smart (PS2)

Kelsey Bracewell, American Canoe Association

Mt. Mitchell

Mt. Pilot

Loving the River I

Rivers as an Economic Asset: The River Towns Program Mt. Pilot

Jeff Malik, River Towns Program; Peggy Pings, National Park Service

Water Trail Innovations II

Blueways for “Greener” Waters

Foxfire

Cate Huxtable, American Canoe Association; Staci Williams, American Rivers

Accessing the River I

Dogwood

Interagency National River Database: A Vision for a Web-enabled Interactive Map and Database of Rivers

Risa Shimoda, River Management Society; Joan Harn, National Park Service

GIS-based Landscape-scale River Mapping for Virtual Video Access

Paul Ayers, University of Tennessee

Alaska’s Web based “Navigable Waters” Information Systems

David W. Schade, MPA, Alaska Dept of Natural Resources, DMLW

A River Runs Through It II

Overlook

Infrastructure Projects of Wild and Scenic Rivers—Getting the Best Designs

James MacCartney and Liz Lacy, National Park Service

Protected Rivers and Infrastructure Development: A Case Study of the Stillwater Bridge Issue

Jill Medland and Christopher E. Stein, National Park Service

A Bridge Crosses Over It: Using a Charette Process to Design a New Bridge on the Wekiva Wild and Scenic River

Jeffrey R. Duncan, National Park Service

5:30 - 10:00 pm

Poster Session

Mt. Roan/Mt. Pisgah

Missouri River Water Trail

Gia Wagner, National Park Service

GIS-based Landscape-scale River Mapping for Virtual Video Access

Paul Ayers, University of Tennessee

The ‘Outstandingly Remarkable’ Value of Recreation across 13 interconnected Snake River Headwaters rivers

Sidney Woods, Bridger-Teton National Forest

Growing Stewards Using Rivers as Classrooms

Ed Councill, CEO, Paddlesports Industry Foundation and kidsGROWkentucky

Creating a Water Trail on America’s Great River – The Mississippi

Jon Summers, US Army Corps of Engineers

Supporting Trail Maintainers in the Northern Forests

Walter Opuzynski, Northern Forest Canoe Trail

Water consumption numbers: can we make them matter?

Ken Ransford, Colorado River Basin Roundtable

Hydrokinetic Energy Projects & Recreation: A Guide to Assessing Impacts

Joan Harn, National Park Service

GIS-based Mapping of Outstandingly Remarkable Values on the Wekiva Wild and Scenic River

Stephanie Kerrigan and Paul Ayers, University of Tennessee

...and others!

Networking, Vendor Exhibition, Silent Auction

Wednesday, April 25th

2012 RMS Symposium Field Sessions

- 7:00 - 8:00 pm **Continental Breakfast** Biltmore Foyer
Box lunch pick up for select field sessions
- 7:15 am - 6:15 pm ***Wild and Scenic River Management: A Very Challenging River***
Compatible conference session(s): Loving the river without loving it to death; Got water? Is it Clean? What about the fish (and other critters)?
Raft the famous Section III of the Wild and Scenic Chattooga River, which offers paddlers exciting Class III rapids in a remote and scenic gorge. Afterwards, travel upstream for a stop at the controversial Upper Chattooga for a short walk near Ellicott Rock, and a discussion of the unusual and controversial paddling ban. Discussion will focus on capacity analyses and Wild and Scenic River Management Plan development. Capacity: 29 people. Lunch included.
- 9:00 am - 5:00 pm ***Fisheries Management in Great Smoky Mountains National Park***
Join a fishing guide and Park Personnel for some native brook trout fishing on small southern Appalachian streams flowing through Great Smoky Mountains National Park, one of the most visited parks in the country. Learn about fisheries management, research, and decision-making that is aimed at protecting and restoring the astounding aquatic biodiversity of the Southern Appalachians. Waders provided, Bring your own fishing gear if possible. NC or TN fishing license and trout stamp required. Lunch provided. Capacity: 10 people. Box lunch pickup.
- 9:00 am - 5:00 pm ***Managing a Wild and Scenic Suitable River Awaiting Designation***
Compatible conference session(s): Ensuring Future Generations of River Rats
Take a raft trip down the free-flowing Class III+ Nolichucky River, a remote and scenic river flowing from North Carolina into Tennessee. The Nolichucky has been found suitable for Wild and Scenic Designation and awaits champions for designation. Discussion will focus on the management of rivers that are eligible and suitable for Wild and Scenic designation. Capacity 29 people. Lunch Included.
- 9:00 am - 5:30 pm ***Restoring Dammed Rivers in Western North Carolina***
Compatible conference session(s): A river runs through it; Loving the river without loving it to death; Got water? Is it Clean? What about the fish (and other critters)?

Learn about two dam relicensing processes on two classic rivers: the Nantahala and the Tuckasegee Rivers. For most of the day, visit high use access areas, million dollar toilets, bustling outfitters, and the powerhouse providing the water on the Nantahala. On a raft trip, you will be one of the 200,000+ people that will take a raft, ducky, or kayak down the classic dam-release lower Nantahala in 2012. On the water, you will be treated to lush temperate rainforest scenery and sparkling cold rapids, guaranteed through the dam relicensing process. The trip will conclude with a site visit to the recently removed Dillsboro Dam on the Tuckasegee River. Capacity 29 people. Lunch at the Nantahala Outdoor Center (not included).

9:00 am - 6pm

Implementing a Wild and Scenic River Plan

Visit and hike alongside North Carolina's newest Wild and Scenic River – the charming Wilson Creek near the Blue Ridge Parkway. Stop at access areas and rapids on the way to the new visitor center, and then take a hike into the creek's remote headwaters. Designated in 2000, Wilson Creek is currently implementing their WSR management plan. Capacity 15 people.

Asheville's Urban river restoration, revitalization, and recreation

Compatible conference session(s): A river runs through it; Loving the river without loving it to death

9:00 - 11:00 am

RiverLink Bus Tour

Experience Asheville area restoration projects, development history, and the revitalization of the River-Arts district of Asheville on the RiverLink Bus Tour. Capacity: 15 people.

1:00 - 5:00 pm

French Broad Float

Explore the French Broad River as it passes through downtown Asheville. Experience firsthand the urban river development using any one or more of a variety of traditional and innovative river craft: stand-up paddle boards, packrafts, kayaks, canoes, and rafts. This stretch of river offers enjoyment to all, regardless of experience level: there is no better way to learn about a form of recreation than to try it! Capacity: 15 people.

10:30 am - 4:30 pm

Legacy of the Biltmore Estate's Landscape

Tour the Biltmore House, a decadent 250-room Chateau built in 1895, and the grounds designed by Frederick Law Olmsted. Participants will tour the estate to focus on river, water, and landscape management, featuring a historic lock system and river frontage on both the French Broad and Swannanoa rivers. Following the estate tour participants can explore the house and gardens. Capacity: 15 People. Lunch at the Biltmore Estate not included in price.

6:00 - 7:00 pm

RMS Members: Pizza for Your Thoughts!

Greet new RMS friends, high five long time colleagues, and offer input to RMS leaders to help them know what you feel is important to members.

7:00 - 7:30 pm

Mentorship Program Pre-Kickoff

Learn about how river management mentors and mentees are connecting through this new program for which members can sign up and be assigned work together and learn from each other. Share your experiences to help us grow the value of the program for mentors and mentees.

7:30 - 9:00 pm

Special River Presentations

Protected Area Management in Tajikistan

Randy Welsh, Wild and Scenic Rivers Program Leader, USDA Forest Service

The Mountaintop Removal Road Show

Coalfield organizer Dave Cooper and coalfield "mountain keeper" Larry Gibson of Kayford Mountain, West Virginia will present a dramatic 20-minute slide show about the impacts of mountaintop removal on coalfield residents, communities and the environment.

Thursday, April 26

6:00 - 7:00 am

Morning Wake-up: Yoga and Group Run

See Message Board

7:00 – 8:00 am

Registration

Laurel Registration

8:00 - 10:00 am

Plenary Session

Mt. Roan/Mt. Pisgah

Keynote: Rebecca Wodder, Senior Advisor to Interior Secretary Ken Salazar

Laurel Registration

Protecting, Restoring and Reconnecting with Rivers through America's Great Outdoors Initiative

French Broad Camping Water trail and Tennessee Statewide Water Trails Planning

Nancy Hodges, Steve Hendricks, and Karen Cragolin, RiverLink

Thinking & Linking Outside the Box

Jane Polansky, Tennessee State Parks

10:00 - 10:30 am

Break

Mt. Roan/Mt. Pisgah

10:30 am - 12:00 pm

Concurrent Sessions 3

Engaging Youth III

Mt. Mitchell

Creating the Next Generation that Cares

Liz Sparks, Florida Fish and Wildlife Conservation Commission

Loving the River II

Mt. Mitchell

Protectors, Promoters and Proprietors - Don't We Owe Each Other?

Risa Shimoda, River Management Society; Mark Singleton, American Whitewater; Gerrit Jobsis, American Rivers; Rob White, Upper Arkansas Headwaters; Stuart Schneider, Niobrara National Scenic River; Kevin Lewis, Idaho Rivers United, outdoor industry representative

Got Water? II

Foxfire

Angler Action Program: A Technology-Based Approach to aid Fisheries Management

Rick Roberts, Linda Roberts, Snook and Gamefish Foundation; Jeff Duncan, National Park Service

A Probabilistic Stream Assessment to Support Freshwater Conservation

Cathy Marion, Kevin M. Kubach, Mark Scott, South Carolina Department of Natural Resources

Fracking on the Susquehanna

Laura Stroup, St. Michael's College

A River Runs Through It III

Dogwood

A Creek Runs Through It

Cassie Thomas, National Park Service

Water Flow Regulation on the Colorado River in Central Texas: Challenges in Ecosystem Stewardship

Christine Bonthius, University of Texas at Austin

Water consumption: can we make the numbers matter?

Ken Ransford, Colorado Basin Roundtable

12:00 - 1:30 pm

Lunch – RMS Chapters

To be announced

1:30 - 3:00 pm

Concurrent Sessions 4

Loving the River III

Overlook

Recreation Visitors Inventories to Provide Data for Management Decisions and Communications

Dr. Kenneth Chilman, Southern Illinois University, Carbondale

Ecosystem Services of River: Exploring the Potential for Quantifying and Mapping Social Values

Zachary D. Cole, University of Florida

Whose River is it Anyways?

Linda Jalbert, National Park Service

Water Trail Innovations III

Mt. Mitchell

Supporting Trail Maintainers in the 21st Century

Walter Opuszynski, Northern Forest Canoe Trail

Ground Broken and Campsites Mapped: Bringing a Water Trail Closer to Its Paddlers

Hartwell Carson, Western North Carolina Alliance

Using Water Trails to Promote Stewardship and Public Access

Angie Tornes, National Park Service

A River Runs Through It IV

Mt. Pilot

The Whitewater Parks Today: The Biggest Little, and Granddaddy Thus Far

Risa Shimoda, River Management Society

Restoring Regulated Rivers by Harmonizing Ecosystem Needs and Recreational Benefits

Thomas O'Keefe, American Whitewater

An Arduous Process for Recreational Flow: An overview of providing recreational flow on the Pigeon River (NC and TN)

C. Blake Condo, Louis Berger Group, Inc.

3:00 - 3:30 pm **Break** Mt. Roan/Mt. Pisgah
Silent Auction Ends

3:30 - 5:00 pm **Concurrent Sessions 5**
Loving the River IV Mt. Mitchell
Planning for Visitor Use on Wild and Scenic Rivers
Tracy Atkins, Ericka Pilcher, and Cassie Thomas, National Park Service

Got Water? III Dogwood
Water Is Life: Water Management Strategies in the Southeast
Mitchell Reid, Alabama Rivers Alliance
Ecological Recovery of Restored Streams: The Myth and the Facts
David Penrose, Watershed Science
The Wekiva Wild and Scenic River System: Managing a Partnership River
Deborah Shelley, Wekiva River Aquatic Preserve - FDEP; Nancy Prine, Wekiva Wild and Scenic AMC

Water Trail Innovations IV Foxfire
Chainsaw Safety In/On Water - A Training Program Overview
Erik Wrede, Minnesota Department of Natural Resources
Creating a Water Trail on America's Great River – The Mississippi
Jon Summers, US Army Corps of Engineers
Our Mississippi Educator Guide and Other River Education Initiatives
Jon Summers, US Army Corps of Engineers

A River Runs Through It V Mt. Pilot
21st Century Hydropower; The Good, the Bad, and the Ugly
Matt Rice, American Rivers; Ryan Brosher, SRA International; Francisco Flores, Colorado Governor's Energy Office

5:00 pm **Symposium Classroom Sessions End**

5:15 Bus departs for Closing Banquet

5:30 Bus departs for Closing Banquet

6:00 **Reception** Camp Rockmont (formerly Black Mountain College)

Our closing crescendo will take place just south of the Black Mountains (highest mountains east of the Mississippi), the former campus of famed Black Mountain College. From 1933 to 1957, Black Mountain College was an experiment in progressive education whose influence has steadily grown along with the reputation of its alumni faculty. The college's legion of associated visual artists, poets, musicians, architects, and several of the 20th Century's most innovative leaders include Albert Einstein, Buckminster Fuller, Robert Rauschenberg, and Ruth Asawa.

Alice Sebrell, Program Director of the thriving Black Mountain College Museum and Arts Center in Asheville, will be on hand to give us an overview of the historical and continuing significance of the college.

7:00 - 8:00	Barbeque Banquet
7:10 - 7:30 pm	Live Auction
7:30 - 10:00 pm	Mountain Music by the Lazybirds

Friday, April 27th

9:00 am - **Service Project: *Giving Back to the French Broad***

12:00 pm RiverLink Sculpture Plaza and Cotton Mill Labyrinth
Do a good turn for the river that provided the backdrop for the 2012 Symposium! Pick up trash, remove invasive plants, and build benches and picnic tables, then enjoy a 'thank you' lunch provided by RiverLink.