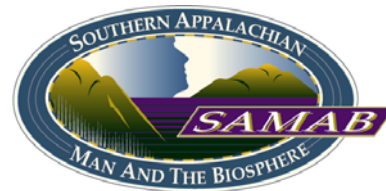


# SAMAB 15th Annual Conference

*Quality of Life in the Southern Appalachians:  
Sustainability through Stewardship & Cooperation*

## Detailed Conference Program (draft – subject to revision)



<b>Tuesday, November 16</b>			
8:30	Welcome and Opening Remarks: Larry Hartmann, Robb Turner, Briane Adams, Mike Jenkins		
8:45	Keynote Addresses: Stewardship of the region’s air quality: Progress made and steps needed Dale Ditmanson, Superintendent, Great Smoky Mountains National Park Bill Baxter, Director, TVA Jimmy Palmer, Regional Administrator, EPA (invited) Betsy Child, Commissioner, Tennessee Department of Environment and Conservation		
10:30	Break		
11:00	Best Practices for Sustainability: A web-based information sharing tool for Southern Appalachian communities		
12:00	Lunch on your own		
1:30 – 3:30	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Options for Municipal Watershed Management</b></p> <p>Moderator: Dennis Desmond, The Land Trust for the Little Tennessee</p> <p>1:30 Dennis Desmond, Forest Management in Municipal Watersheds: Defining the Issues</p> <p>1:50 Jim Vose, Watershed Management Impacts on Water Quantity and Quality</p> <p>2:10 Forrest Westall, Watershed Classification and Regulation in NC, Does it allow Forest Management</p> <p>2:30 Lee Galloway, Forestry in a Municipal Watershed: A Case History of the Waynesville Watershed</p> <p>2:50 Steve Henson, Multiple-use Management Approach Is the Wise Choice For Municipal Watersheds</p> <p>3:10 Monroe Gilmour, Don’t Forget the Important Voice of Local People</p> </td> <td style="width: 50%; vertical-align: top;"> <p><b>Air Quality Effects, Solutions, and Responsibilities</b></p> <p>Moderator: Pat Brewer, VISTAS</p> <p>1:30 William Parkhurst, Air Quality Trends in the East-Central U.S.</p> <p>1:55 Jim Renfro, Air Quality Issues at Great Smoky Mountains National Park</p> <p>1:20 Pat Brewer, Visibility Improvement – State and Tribal Association of the Southeast</p> <p>2:45 Barry Stephens, Air Quality: Taking Action for Cleaner Air in Tennessee</p> <p>3:10 Anita Rose, Evaluation of ozone-induced foliar injury across the state of Virginia, 1997 - 2001</p> </td> </tr> </table>	<p><b>Options for Municipal Watershed Management</b></p> <p>Moderator: Dennis Desmond, The Land Trust for the Little Tennessee</p> <p>1:30 Dennis Desmond, Forest Management in Municipal Watersheds: Defining the Issues</p> <p>1:50 Jim Vose, Watershed Management Impacts on Water Quantity and Quality</p> <p>2:10 Forrest Westall, Watershed Classification and Regulation in NC, Does it allow Forest Management</p> <p>2:30 Lee Galloway, Forestry in a Municipal Watershed: A Case History of the Waynesville Watershed</p> <p>2:50 Steve Henson, Multiple-use Management Approach Is the Wise Choice For Municipal Watersheds</p> <p>3:10 Monroe Gilmour, Don’t Forget the Important Voice of Local People</p>	<p><b>Air Quality Effects, Solutions, and Responsibilities</b></p> <p>Moderator: Pat Brewer, VISTAS</p> <p>1:30 William Parkhurst, Air Quality Trends in the East-Central U.S.</p> <p>1:55 Jim Renfro, Air Quality Issues at Great Smoky Mountains National Park</p> <p>1:20 Pat Brewer, Visibility Improvement – State and Tribal Association of the Southeast</p> <p>2:45 Barry Stephens, Air Quality: Taking Action for Cleaner Air in Tennessee</p> <p>3:10 Anita Rose, Evaluation of ozone-induced foliar injury across the state of Virginia, 1997 - 2001</p>
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5:30 – 7:00	Poster session with light hors d’oeuvres; SAMAB Awards		

## Tuesday, November 17, evening

5:30	<b>Poster Session and SAMAB Awards</b>
–	Convener: Gary Peeples, US FWS
7:00	Robin R. Adams and Scott M. Pearson, Salamander abundance in forest fragments in Madison County, NC
	Jared L. Bailey, et al., Characteristics of Forest Stands Used for Nesting by Appalachian Yellow-Bellied Sapsuckers.
	Andy Brown, et al., Results of the SAMAB Volunteer Monitoring of Invasive Species in the Hot Springs, North Carolina Area
	Andy Brown, et al., Results of the SAMAB Volunteer Monitoring of Water Quality in the Nolichucky Watershed
	John Andrew Bubany, ENERGY: A Hands-On Science Exhibition Sponsored by the DOE and ORNL at the North Carolina Arboretum
	Daniel L. Druckenbrod, et al., Current and Desired Future Conditions of Forest Systems in the Cumberland Plateau and Mountains
	Daniel S. Ferguson and Ken Silver Toxics Release Inventory for Tennessee: Pollution Prevention Trends and Opportunities
	Jerome F. Grant, et al., Biological Control of Hemlock Woolly Adelgid: Timing Is Everything?
	Jeanie Hilten, The Progress of Discover Life in America, Inc.
	Hugh Irwin, Modeling and Monitoring Fire Behavior on the Landscape of the Southern Appalachians
	Pamela J. Nabors et al., Oriental Bittersweet :Mapping Occurrences in a Combined Regional Effort
	Pamela J. Nabors et al., Web Applications for Empowering Community Monitoring in Southern Appalachia
	Sara H. Nichols and Scott M. Pearson, Spatio-Temporal Dynamics of Soil Moisture in Forested Woodlots
	Marcie Renfroe et al., Forest Dynamics: The Effects of Elevation on Tree Diversity and Abundance at Fisher Creek Watershed
	Mark S. Riedel, Off-Highway Vehicle (OHV) Stream Sedimentation Study
	Victor A. Rudis and Sonja N. Oswalt, Forest Resource Monitoring of Invasive Plant Species in the Southern Appalachian Region
	Anh Truong, et al., Changes in Concentration of Contaminants in Scott’s Creek, Western North Carolina
	Greg Wiggins, et al., Highways and Byways: Gateways for Invasive Plants into the Southern Appalachians

**Wednesday, November 17, a.m.**

8:30 – 10:10	<p><b>Invasive Species: Status, Impacts, and Control</b> Moderator:</p> <p>8:30 Tom Remaley and Glenn Taylor, Status of hemlock woolly adelgid control efforts in Great Smoky Mountains National Park</p> <p>8:55 Ernie Bernard et al., Biological Management of Hemlock Woolly Adelgid in the Southern Appalachians</p> <p>9: 25 Gregory Crutsinger et al., Interactive Effects of Nitrogen Availability And Propagule Pressure on Invasion by <i>Lespedeza Cuneata</i></p> <p>9:50 Christopher Oswalt and Wayne Clatterbuck, Impacts of <i>Microstegium vimineum</i> on Natural Regeneration of Woody Species Following Harvest.</p>	<p><b>Protecting and Restoring Natural Ecosystems</b> Moderator: Anita Rose, USDA Forest Service</p> <p>8:30 John Waldron et al., Influences of Changing Disturbance Regimes on Forest Structure in Southern Appalachian Landscapes</p> <p>8:55 S.L. Brosi et al., Butternut Conservation: Understanding Aspects of Canker Resistance for the Development of Breeding Orchards</p> <p>9:25 Joshua Kincaid, An Exploration Of <i>Tsuga Canadensis</i> Regeneration In The Great Smoky Mountains</p> <p>9:50 Eric Holzmueller and Mike Jenkins, The Status Of Flowering Dogwood (<i>Cornus Florida L.</i>) In Burned And Unburned Areas In Great Smoky Mountains National Park</p>
10:10	Break	
10:40 – 12:00	<p><b>Invasive Species: Status, Impacts, and Control (continued)</b> Moderator:</p> <p>10:40 Nancy Fraley, National Park Service Southeast Exotic Plant Management Team: Meeting the Natural Resource Challenge</p> <p>11:05 Robin Mayberry, Natural Resource Conservation Service Programs to Eradicate Invasive Plant Species and Establish Native Species</p> <p>11:30 Jack Ranney, Building on Volunteer Invasive Plant Monitoring Results</p>	<p><b>Protecting and Restoring Natural Ecosystems</b> Moderator: Anita Rose, USDA Forest Service</p> <p>10:40 Georgina DeWeese Wight, et al., Fire Regimes And Successional Dynamics Of Appalachian Yellow Pine (<i>Pinus</i>) Stands In The Jefferson National Forest</p> <p>11:05 Virginia McDaniel and R. N. Klein, Post-Fire Regeneration Of Yellow Pine (<i>Pinus Echinata</i>, <i>P. Rigida</i>, <i>P. Virginiana</i>) Communities in Great Smoky Mountains National Park, Tennessee</p> <p>11:30 Hugh Irwin, Modeling and Monitoring Fire Behavior on the Landscape of the Southern Appalachians</p>
12:00	Lunch on your own or NEPA / Environmental Coordination Roundtable Luncheon (by registration)	

**Wednesday, November 17, p.m.**

1:30 – 3:00	<p><b>Sudden Oak Death in the Southern Appalachians: the Threat and the Response</b>  Moderator: Bill Hoffard, USDA Forest Services  1:30 Kelly Ivors, Sudden Oak Death: An Overview of the Disease  1:50 Alan Windam, Sudden Oak Death Nursery Issues in the Eastern U.S.  2:10 Steve Oak, National Surveys for Sudden Oak Death in US Forests 2003-2004  2:30 Anni Self, A Potential Regulatory Response to the Threat of Sudden Oak Death in Tennessee</p>	<p><b>Achieving Responsible Land and Transportation Development (</b>  Moderator: Steve Wilson, Tennessee Dept. of Environment and Conservation  1:30 David Tuch, Conservation Based Residential Development: Protecting Natural Resources Within A Residential Development  1:50 Paul Schmierbach, Controlling the Impacts of Development on Water Quality  2:10 Al Fritsch, Green Tourism in Southern Appalachia: Eight Suggestions for Enhancing the Region  2:30 Jack Van Dop, The Use of Geographic Information Systems and Public Involvement for the North Shore Road Environmental Impact Statement Great Smoky Mountains National Park, North Carolina</p>
3:30	Break	
3:30	<p><b>Appalachian Trail Environmental Monitoring Internet Community</b>  Discussion leader: John Peine, USGS</p>	<p><b>Aquatic Resources in a Changing Landscape</b>  Moderator: Steve Wilson, Tennessee Department of Environment and Conservation</p>
4:00 – 5:45	<p><b>Inventory and Monitoring for Adaptive Management of the Roan Mountain Massif</b>  Moderator: Carolyn Wells, US FWS  Discussion topics:  - Research/inventory/monitoring that has been conducted on the Roan Massif and intentions to collate it in a shared GIS  - A web-based communication tool for land managers and other interested parties  - Priority action items for synthesizing and interpreting available data and a means to best use this information to inform management decisions.</p>	<p>3:30 Martin Lafrenz, Legacy Effects of Human-induced Disturbance in Southern Appalachian Stream Channels  3:50 Dave Turner, The Copper Basin Project: Paths to Reclamation  4:10 Adam Fiscor and Paul Ayers, Georeferenced Video Mapping of Mussel Habitat in the Big South Fork National River and Recreation Area  4:30 Joyce Coombs and J. Larry Wilson, Pigeon River Re-introduction Efforts Update: 2004  4:50 J. McFero Grace, Quantifying and Controlling the Movement of Sediments from Southern Appalachian Forest Roads</p>
6:30	Evening Reception at Calhoun’s, with multi-media presentation by George Constanz, “Hollows, Peepers, and Highlanders: An Appalachian Mountain Ecology”	

**Thursday, November 18**

8:30	<p><b>Natural Resource Inventories in the Southern Appalachians</b>  Moderator: Becky Nichols, NPS-Great Smoky Mountains National Park  8:30 Anthony Khiel, Soil Resource Inventory of the Great Smoky Mountains National Park  8:50 Becky Nichols, Discovering the Diversity of Life in Great Smoky Mountains National Park  9:10 Cathryn Greenberg, Fruit Production in Mature and Recently Harvested Upland- and Cove Hardwood Forest of the Southern Appalachians  9:30 Marguerite Madden, Vegetation Inventory and Analysis in National Park Units of the Southern Appalachians</p>	<p><b>Engaging Stakeholders in Resource Conservation</b>  Moderator: Tisha Calabrese-Benton, Tennessee Department of Environment and Conservation  8:30 Karen Nolt The French Broad River Conservation Corridor  9:00 Leah Mathews, Visitor Surveys on the Blue Ridge Parkway: Implications for Resource Managers in the Southern Appalachian Region  9:30 Charlie Muise, Youth Banding Birds in Great Smoky Mountains National Park</p>
10:00	Break	
10:30	<p><b>Natural Resource Inventories in the Southern Appalachians</b>  Moderator: Becky Nichols, NPS-Great Smoky Mountains National Park  10:30 Christopher Butler and Paul Ayers, Digital Mapping of Invasive and Endangered Plant Species  10:50 Pamela J. Nabors, Web Applications for Empowering Community Monitoring in Southern Appalachia  11:10 Rickie White, Applying the National Vegetation Classification to National Parks in the Southern Appalachians  11:30 John Baxter, Basin-wide Evaluation of Potential Endangered Species Impacts for the TVA Reservoir Operations Study</p>	<p><b>Engaging Stakeholders in Resource Conservation (continued)</b>  Moderator: Tisha Calabrese-Benton, Tennessee Department of Environment and Conservation  10:30 David Cozzo, The RTCAR Initiative: Building the Bridges between Cultural and Environmental Preservation  11:00 Rebecca Vial, People, Places, and Cultural Diversity in the Natural Environment  11:30 Gracia O'Neill and Jason Robinson, Volunteer Stream Monitoring - a cooperative effort between non-profits, NC DENR and the citizens of NC</p>
1:00	<p><b>Field Trip: Compatibility of Wildlife Habitat, Water Quality, &amp; Agricultural Production on a Livestock Farm</b></p>	<p><b>Field Trip: HWA Control Methods Used in GRSM and the UT Beetle Rearing Facility</b></p>