



September 1998

# SAMAB NEWS

SAMAB email: samab@ix.netcom.com  
WebPage <http://sunsite.utk.edu/neighborhoods/SAMAB/samab/>

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## Calendar

### **SAMAB Executive Committee**

Meets - Nov. 3, 1998 from 1:30 to 5:00 pm at the Glenstone Inn in Gatlinburg.

**SAMAB Fall Conference** Nov. 4-6, 1998 in Gatlinburg, TN at the Glenstone Inn (see draft agenda inside)

**American Water Resources Association Annual Conference**, Nov. 15-19 in Point Clear, AL.

**George Wright Society**: Call for Papers. Visit the conference Web Page: [www.portup.com/~gws/gws99.html](http://www.portup.com/~gws/gws99.html)

**Southern Appalachian Forest Coalition** 4th Annual GRASSROOTS Conference - Sept. 25-27. Contact SAFC office (828) 252-9223.

**Call for Papers: Appalachian Studies Conference** - March 19-21, 1999 in Abingdon, VA. contact Tal Stanley at Emory & Henry College (540) 944-6817.

**SAMI Winter Meeting** - Nov. 16-18, 1998 at the Glenstone Lodge in Gatlinburg, TN. Contact: [sami@landofsky.org](mailto:sami@landofsky.org)

**Southeast Water Pollution Biologists Association Meeting** in Helen, Ga on Nov. 2-5. Contact (404)656-4905

## Karen Wade Appoints Committee To Select New SAMAB Executive Director

SAMAB Executive Committee Chair Karen Wade announced that a small working committee was appointed to review the "expressions of interest" received for the new Executive Director to replace Hubert Hinote who retires at the end of the year. Nancy Herbert is heading the committee reviewing information provided by approximately 40 well qualified candidates. Evaluation criteria were prepared and presented at the August 5 Executive Committee Meeting in Cleveland, Tenn. The preliminary rankings of applicants was shared with SAMAB Executive Committee members. Based on responses received from the full committee, the working group narrowed the list down to six final candidates. A new Executive Director will be selected after interviews with these finalists. Herbert expects the committee will name the new SAMAB Executive Director by mid-November.

## Sustainable Indicators Task Force Prepares Maps for Chattanooga Region

The SAMAB Sustainable Indicators Task Force is making progress in it's working relationship with Chattanooga. Rick Durbrow and his colleagues of EPA Region IV are using the SAA GIS data base to produce a series of maps for the four county metropolitan region. Their work will be utilized in the development of county-wide land use plans as required by the new Tennessee Growth Policy Act. This should be of help to all 36 Tennessee counties in the SAMAB region. The Task Force will be identifying good indicators of land use change.

Allen Ratzlaff of the USFWS is evaluating habitat requirements of species of concern such as threatened and endangered. TVA's Dennis Yankee and Linda Harris are working to identify indicators of water quality. A key component here is to link the land use and water quality via the condition of the riparian zone. Water quality is a particularly difficult topic but there is a large amount of data available. EPA staff will also be looking at defining cumulative risk indices from the toxic release inventory data. This will help the water quality component of the program.

Louis Kearney of the USFS is coordinating a review of state forest inventories and the USFS funded City Green project ongoing in Chattanooga to look for relevant indicators. Kathy Daugherty of NRCS is compiling a series of indicators concerning resources related to agriculture and characterization of the agricultural industry in the region.

All in all, a productive working relationship has begun among the SAMAB member institutions and the city of Chattanooga. The next meeting of the Task Force is scheduled for September 24 at The Chattanooga Institute from 10:00am til 3:00pm.

## North Carolina Watershed Coalition, Inc. Is Officially Formed

Following three years of networking and planning, North Carolina Watershed Coalition, Inc. was officially formed at the Second Statewide Watershed Conference held at Catawba College in Salisbury, NC, in June. The statewide organization is committed to the conservation, protection, and enhancement of NC's watersheds and their rivers and streams. It does so by encouraging the founding and growth of local groups devoted to those ends through information sharing and cooperation.

Peg Jones, president of Save Our Rivers, Inc., was chosen to be Executive Director. Ann Seaton, who had served as secretary-treasurer of the Little Tennessee Watershed Association, was asked to be treasurer of the group, also serving on the board of directors. Dr. John Wear of Catawba College was chosen as President, with Steve Johnson of Duke Power Company to serve as Vice-President. Also represented on the board of directors are Trout Unlimited, the NC Zoo, Land-of-Sky Regional Council, Cape Fear River Assembly, Neuse River Foundation, and the Rockingham County Watershed Preservation Committee.

Both having worked with the formation of the new organization, Jones and Seaton are pleased to be in leadership roles, knowing the importance of keeping pollution out of the rivers from their headwaters. Serving as members of the Little Tennessee River Basin Non-Point Source Team, they have worked with TVA and others to prevent erosion and to procure funding and programs for environmental education to do so.

With nine NC river basins being located in the SAMAB region, the NC Watershed Coalition can assist involvement of citizens, agencies, universities, and other stakeholders in becoming aware of problems of silt, trash and toxins going into our rivers. Using a GIS map of the state showing the 17 river basins, each in a different color, the Coalition is educating those upstream to become more responsible to those downstream. The map easily shows whether the rivers flow to the Atlantic Ocean or the 1,500 mile trip to the Gulf of Mexico. Even children can easily pick up the watershed concept by being shown where they are on a map, in respect to the ridge lines and the towns located upstream and downstream.

The Coalition will have a web-site which will list activities in North Carolina and beyond. The address will be posted in a future publication. For more information regarding North Carolina Watershed Coalition, Inc., call 828-369-7877 or 828-524-6981 or e-mail at [rivers@dnet.net](mailto:rivers@dnet.net) or [aseaton@dnet.net](mailto:aseaton@dnet.net)



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### FIRST GOVERNMENT REGULATION

Source: EPA's Non-Point source listserv  
[npsinfo@valley.rtpnc.epa.gov](mailto:npsinfo@valley.rtpnc.epa.gov)  
by Barry Tinning of Kentucky:

--Governor Gage of Virginia,  
Proclamation for Jamestown, Va.  
(1610)

*"There shall be no man or woman dare to wash any unclean linen, wash clothes, nor rinse or make clean any kettle, pot, or pan or any suchlike vessel within twenty feet of the old well or new pump. Nor shall anyone aforesaid, within less than a quarter mile of the fort, dare to do the necessities of nature, since by these unmanly, slothful, and loathsome immodesties, the whole fort may be choked and poisoned."*

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### ON THE INTERNET

River Network at  
[www.rivernet.org](http://www.rivernet.org)

Appalachian Studies Association  
[www.wvu.edu/~appalach/index.html](http://www.wvu.edu/~appalach/index.html)

EPA's Grant Writing Tutorial at  
[www.epa.gov/seahme/grants/src/open.htm](http://www.epa.gov/seahme/grants/src/open.htm)

### USGS Biological Resources Division Project Summaries On the Internet

USGS Biological Resources Division (BRD) is trying to make its research activities known to the world through their Science Information System (SIS) on the Internet. BRD's mission is "to work with others to provide scientific understanding and technologies needed to support the management and conservation of our nation's biological resources. The SIS WWW site can be used to extract summaries of BRD project work. The SIS is hosted at the USDA and is a cooperative effort between the USDA and the USGS. You are invited to visit the SIS WWW site often and to encourage your friends and colleagues to do the same <<http://cristel.nal.usda.gov:8080/star/brd.htm>>. You can also click on "Current Projects (SIS)" link of the BRD Home Page, which is located at <<http://biology.usgs.gov>>.



## EPA Sustainable Development Challenge Grant (SDCG) Program

EPA announced the FY 1998 program deadline for submitting proposals. Detailed guidance information is available via the Internet at: [www.epa.gov/ecocommunity](http://www.epa.gov/ecocommunity).

The Sustainable Development Grant Program notice was published in the Federal Register on August 24, 1998.

EPA is soliciting proposals and has a total of \$5 million available for this program in FY 1998. The program provides an opportunity to develop place-based approaches to problem solving that can be replicated in other communities.

Approaches should address problems related to current patterns of growth and public investment/disinvestment that accelerate loss of open space and wetlands, fragment habitat, and increase consumption of fossil fuels for energy and transportation.

The program encourages partnering among community members, business and government entities to work cooperatively.

Applicants may compete for funding in two ranges: (1) requesting \$50,000 or less, and (2) requesting between \$50,000 and \$200,000.

Project proposals must be postmarked by November 24, 1998. For additional information contact: Annette N. Hill, US EPA ERgion 4-OPM, 61 Forsyth Street, S.W., Atlanta, GA 30303, (404) 562-8287.

## Report: EuroMAB Biosphere Reserve Coordinators' Meeting in Finland

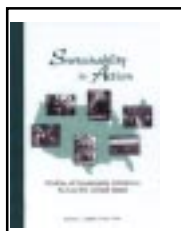
The third EuroMAB Biosphere Reserve Coordinators' Meeting was held August 31 through September 5 in Finland. There were over 100 individuals (primarily Biosphere Reserve Coordinators) from 24 different countries. U.S. MAB sent 2 representative-both from SAMAB.

Hubert Hinote made a presentation "The Southern Appalachian Biosphere Reserve Experience" on the opening day of the meeting. His examples of the SAMAB Cooperative interactions which have resulted in significant products (e.g., posters, assessments, databases, handouts, etc) was impressive. The SAMAB Program of Work generated much interest among other Biosphere Reserve Coordinators and many expressed the intent to do something similar for their reserve. Hubert also participated in a working group on "Tourism".

Pat Parr participated in the pre-meeting email discussion groups on Biosphere Reserve management with respect to science and research. Her input and examples of approaches used at the Oak Ridge National Environmental Research Park Biosphere Reserve were included in the preliminary draft distributed at the meeting. As a result of her early involvement, Pat was invited to attend the EuroMAB meeting where she participated in the working group "Science and Local Involvement" and assisted in preparing recommendations from the coordinators to the EuroMAB Committee and UNESCO.

While the recommendations are not yet finalized, key points and concerns raised by EuroMAB Biosphere Reserve managers do not differ considerably from what we deal with at SAMAB. Issues include: funding (how to get it), support from higher levels (need it), communication (among and about reserves), data (what's available, identify gaps, prioritize needs), improved integration with the Biosphere Reserve's human component, initiation of inter-Biosphere Reserve research programs, and WWW (updating and expanding information).

Other recommendations include: establishing a Scientific Advisory Committee for Biosphere Reserves (similar to SAMAB's Research and Monitoring Committee) along with a Manager's Board (similar to SAMAB's Executive Committee); preparing regular updates of on-going research; developing and publishing case studies of Biosphere Reserves that demonstrate successful approaches to local involvement; pursuing increased tourism (sustainable); and, implementing the Seville Strategy.



### Sustainable Communities Case Studies Available on the Internet

***Sustainability in Action*** features 51 casestudies (one for each state and the District of Columbia), originally written in 1995 and updated in 1998. Each case study is two pages in length including update, and provides current contact information (including email and web site addresses) and capsule summaries of participants, project type, methods used, and lessons learned. It is available at no charge on the Sustainable Communities web site (<http://www.sustainable.org>) as a PDF file, or in print (110 pp.) from the Community Sustainability Contact: Susanna MacKenzie Euston at Community Sustainability Resource Institute, PO Box 981, Arden, NC 28704. Email: [sustain@primeline.com](mailto:sustain@primeline.com)

9th ANNUAL SAMAB CONFERENCE

November 4-6, 1998  
Gatlinburg, Tennessee

Conference Theme:  
Think Clean, Think Native, Think Sustainable

**Who Should Attend?**

Cultural and Natural Resource managers, planners, consultants including local, state, and federal government agency staff  
Students, researchers, and educators, Community and environmental groups, Policy makers and elected officials, And the general public interested in cultural and natural resources management, environmental issues, and sustainable economic community development

**Day's Inn Glenstone Lodge**  
504 Airport Road  
Gatlinburg, TN 37738  
Call 1-800-362-9522 for Room Reservations (mention SAMAB)

Room Rates for the SAMAB Conference: Group rate of \$54.00 per room daily, one to four person occupancy. This rate will apply to king or double queen room types. Current room sales tax is 11.5%. If your organization qualifies for a tax exempt status, the hotel will need a copy of your Tennessee Tax Exempt Certificate .

Conference Registration fee:

Federal and State employees \$45.00  
General public, retirees, and students \$25.00  
Fee covers cost of the Proceedings publication and other conference supplies and materials.



SAMAB Coordinating Office  
423-436-1701  
FAX: 423-436-5598  
Email: samab@ix.netcom.com



**1998 SAMAB Conference Registration Form Nov. 4-6, 1998**

Name \_\_\_\_\_

Organization or Agency \_\_\_\_\_

Street Address or PO Box \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Telephone \_\_\_\_\_

FAX \_\_\_\_\_

Email \_\_\_\_\_

Complete this form and send it with your check or purchase order made payable to the SAMAB Foundation

SAMAB Foundation  
1314 Cherokee Orchard Road  
Gatlinburg, TN 37738

The SAMAB Foundation cannot accept credit cards.



# 9TH ANNUAL SAMAB CONFERENCE



**NOVEMBER 4-6, 1998 GATLINBURG, TN  
DAYS INN - GLENSTONE LODGE**

## Preliminary Agenda

### **Tuesday, Nov. 3**

5:00 - 7:00 pm **Open Registration,**  
5:00 - 9:00 **Poster Setup, and Refreshments**

### **Wednesday, Nov. 4**

8:30 - 12:00 **Plenary Session**

Welcome & Announcements - Karen Wade, Supt. Great Smoky Mountains N. P.  
Keynote Speakers - Wilma Dykeman, regional author & newspaper columnist  
- Elizabeth Estill, Regional Forester, USDA Forest Service  
Others to be announced

12:00-1:30 Lunch on your own

### Wednesday, Nov. 4

1:30 - 5:00 Concurrent Session: **Forest Planning - Public Involvement**  
Concurrent Session: **Chattanooga Sustainability Indicators**

**5:00 - 7:00 Gala Social Event - Reception at the MEGA MAX Theater**

### **Thursday, Nov. 5**

8:30 - 9:00 **Guest Speaker: Commissioner Milton H. Hamilton, Jr.**  
Tennessee Department of Environment and Conservation

9:00 - 12:00 Concurrent Session: **Environmental Coordination**  
Concurrent Session: **Sustainable Development**

12:00 - 1:00 Lunch on your own

1:00 - 5:00 Concurrent Session: **Watershed Conservation**  
Concurrent Session: **Sustainable Development**

5:30 - 7:30 **Interactive Poster Session** - Presentors must be present  
Cash Bar

### **Friday, Nov. 6**

8:30 - 9:00 Guest Speaker to be announced

9:00 - 11:30 Concurrent Session: **Appalachian Ecology & Native Plants**  
Concurrent Session: **Appalachian Round Table**

11:30 - 12:00 **Charge Statement: Summary of Sessions**  
12:00 Conference Adjourns



## THE ALL TAXA BIODIVERSITY INVENTORY (ATBI) IN THE GREAT SMOKY MOUNTAINS NATIONAL PARK IS NOW OFFICIAL!

A formal announcement of the multi-year project to inventory all life in the park was made on April 24, 1998 at the Twin Creeks Resource Center, in Gatlinburg. National Park Service Deputy Director, Denny Galvin, was in attendance, as well as many other Park Service officials, scientists representing a broad range of disciplines, and local and national media. The inventory is expected to take 10-15 years to complete and will be funded through a new volunteer science and education non-profit organization referred to as 'Discover Life in America' (DLIA). This group encompasses a variety of public and private financial sources, including Friends of the Great Smoky Mountains National Park. The park and DLIA will form a Cooperative Agreement to conduct this project, and currently, Keith Langdon, Supervisory Biologist for the park, and John Pickering, University of Georgia, are serving as co-coordinators.

Since the April announcement, there have been several developments. In May, at Western Carolina University, the first Board of Directors meeting was held. At this meeting, draft bylaws were adopted, and officers were elected. The officers of DLIA are as follows:

- Chairman            John Pickering (University of Georgia, Athens)
- Vice Chairman    Peter White (University of North Carolina, Chapel Hill)
- President           Mary Williams (Board Member, Friends of Great Smoky Mountains National Park)
- Vice President    Frank Harris (University of Tennessee, Knoxville)
- Secretary         Tom Kiernan (National Parks and Conservation Association, Washington, D.C.)
- Treasurer         Charles Maynard (Friends of Great Smoky Mountains National Park)

A website for the ATBI has been developed, and is accessible at [www.discoverlife.org](http://www.discoverlife.org). The site gives details on the mission and recent activities, and also offers a way for anyone to get involved and receive updates by following the link to "get involved". Also, a brochure about the ATBI has been developed through the Great Smoky Mountains Natural History Association, and is available either by requesting one through the website, or by writing to:

ATBI—GSMNP    1314 Cherokee Orchard Road  
Gatlinburg, TN 37738

A General Planning meeting will be held from 14-17 December 1998 in Gatlinburg, TN. Everyone is welcome to attend this meeting, during which we will discuss the pilot field season, which is scheduled to begin in March 1999.

**SAMAB 9th ANNUAL FALL CONFERENCE, November 4-6, Gatlinburg, TN, Days Inn-Glenstone Lodge (conference registration forum on page 4)**

*Tennessee  
North Carolina  
Georgia  
State Members*

*Oak Ridge National Laboratory  
Department of Energy's  
Biological Resources Division  
Water Resources Division &  
U.S. Geological Survey  
U.S. Army Corps of Engineers  
U.S. Fish and Wildlife Service  
U.S. Environmental Protection Agency  
Appalachian Regional Commission  
Economic Development Administration  
Tennessee Valley Authority  
Conservation Service  
U.S.D.A. Natural Resources  
U.S.D.A. Forest Service  
National Park Service  
Federal Members*

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