

Southeast Region

Bruce Rodgers has moved to SERO as a Resource Management Specialist. He goes to Atlanta from 2 years as site manager of Fort Jefferson National Monument. Prior to that, he spent 7 years as a resource management specialist at Assateague Island NS. Rodgers has a B.S. in biology and has done graduate work in zoology and resource management. His work in SERO will include wildlife management and endangered species issues.

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Copies of the Southeast Region's *Annual Science Report – 1988* are now available from the Science and Natural Resources Division, SERO, 75 Spring St. S.W., Atlanta, GA 30303.

Stephen Nodvin of the NPS CPSU at U/TN, and U/TN graduate student Carolyn Reeves attended a September meeting on Resource Management Implications of Global Climate Change and Forests in Transition, in Boulder, CO. The meeting was sponsored by the USFS and the National Center for Atmospheric Research (NCAR). Nodvin and Reeves were invited to attend by Dr. Stephen Schneider, a NCAR meteorologist who developed one of the General Circulation Models being used to project future trends in climate.

Presentations were given on climate history and old-growth trees, long-term data management, hydrological disturbances, ecological implications of fire and pest disturbances, atmospheric chemistry, and land use and forest management. Participants included scientists from NCAR, USFS, NPS, The Nature Conservancy, Canadian Forest Service, USGS, NOAA, Goddard Institute for Space Studies, Audubon Magazine, and a number of universities, including Freiburg (West Germany), Arizona, Colorado, Yale, Auburn, Virginia, and U/Cal Berkeley. Nodvin presented work he and Reeves are initiating on the implications of climate change in the southeast region.

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The Sixth Annual Gatlinburg Acid Rain Conference was held on Oct. 30-31, 1989, in Gatlinburg, TN near Great Smoky Mountains NP (GRSM). Sponsored by the TVA, the conference focused on effects of acid rain on forests and aquatic systems and implications of a changing climate. Presentations of particular interest included the spruce-fir ecosystem in the Smokies and along the Blue Ridge Parkway by Niki Nocholas, Virginia Polytechnic Institute and State University, and Ernest Bondietti and Samuel McLaughlin, Oak Ridge

National Laboratory (ORNL); the effects of acid deposition on the streams, lakes and reservoirs of the Southern Blue Ridge by Jerry Ellwood, ORNL; and the results of soil-solution studies at the Integrated Forested Studies sites near Clingman's Dome, GRSM, by Helga Van Miegroet, ORNL. A special session on climate interactions was chaired by Stephen Nodvin of the U/TN CPSU. Included in the session were presentations by TVA's Barbara Miller on climate change and water resources, by Nodvin and Reeves on climate change and national parks in the southeast, by Elizabeth Groton (TVA) on tree growth and climate relationships, by Virginia Dale and Mac Post (ORNL) and John Pastor (U/MN) on forest nutrient cycling and climate change, and by Virginia Dale (ORNL) on climate changes and forests in western Oregon. Robin Graham (ORNL) keynoted the conference with her presentation on the greenhouse effect. The Southern Appalachian Man and the Biosphere Cooperative (of which NPS is a supporting agency) and TVA will co-sponsor the 1990 Gatlinburg Conference.