

Ecosystem management activities in Southern Appalachians compiled

Lewis Publishers have recently released the book *Ecosystem Management for Sustainability: Principles and Practices Illustrated by a Regional Biosphere Cooperative*. This volume (ISBN 0-57444-053-5), edited by John D. Peine (Cooperative Park Studies Unit, University of Tennessee) includes a forward by Bruce Babbitt and contributions from 50 authors. Principles of ecosystem management from several sources are included in the introductory chapter. The book uses the Southern Appalachian Man and the Biosphere Program to illustrate the principles. Of the 23 chapters, 14 are dedicated to the following components of ecosystem management: resource assessments (Southern Appalachian Assessment); environmental monitoring (Great Smoky Mountains National Park, among several); management of a large carnivore (black bear); species repatriation (red wolf); management of isolated populations (brook trout); control of exotic species (European wild boar); control of pests and pathogens (dogwood anthracnose among several); air quality (Southern Appalachian Mountain Initiative); fire management, land use planning (gateway communities); managing biodiversity in historic habitats (grassy balds); and climate change, ecosystem stabilization and restoration (Clinch-Powell River Basin ini-

tiative), and managing a threatened ecosystem (high elevation spruce-fir forest). There is a chapter on the role of institutions in ecosystem management. Through the multi-authored contributions to this book, documentation of a comprehensive spectrum of ecosystem management and sustainable development is achieved.