

Landscape-Level Management

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Happy Holidays from InterfaceSouth!

Research: Conservation and Management of Neotropical Migratory Birds

Dr. Paul Hamel, a researcher with the USDA Forest Service Southern Research Station's Center for Bottomland Hardwoods Research, studies the effect of landscape change and forest management on neotropical migratory birds with partners at the University of Georgia and the USDA Forest Service Pacific Northwest Research Station. They have a long-term study of neotropical migratory birds on three sites known to harbor cerulean warblers in the Lower Mississippi Alluvial Valley. The sites, all located in the flood plain of the Mississippi River, are under three different ownerships: one on private timber company land in Arkansas; the second on State park land in Shelby County, Tennessee; and the third on the Chickasaw National Wildlife Refuge in Lauderdale County, Tennessee.

The timber company site located in Desha County, Arkansas is the only site where experiments have been done on managing forests specifically for the cerulean warbler. One of the research's key findings is that cerulean warblers are using the areas managed specifically for them (a larger portion of mid-story trees were left) but are not using the areas managed in the traditional manner. This confirms previous findings that habitat loss is the main reason for the decline of cerulean warbler populations in North America.

To learn more about this research study visit:

<http://www.srs.fs.usda.gov/compass/issue6/06birdsfull.htm>

To learn more about the Center for Bottomland Hardwoods Research visit:

<http://www.srs.fs.usda.gov/cbhr/>

Upcoming Event: Symposium on Ecosystem and Landscape-Level Approaches to Sustainability

This international symposium is designed to highlight sustainable land use and management efforts from a multiple-level perspective. It will provide practical information for land planners and natural

resource professionals, in addition to creating a global forum for discussion about ecosystem and landscape-level practices in natural resource conservation.

This symposium is organized by the Ministerio de Medio Ambiente, Medio Rural y Marino of Spain, the Regional Government of Castilla y León, Spain, the International Model Forest Network Secretariat, the United Nations Food and Agriculture Organization, and the United Nations Secretariat to the Convention on Biological Diversity. It will be held in Burgos, Spain from March 22 to March 24, 2011.

For more information or to register for this event visit:

<http://www.globalforum2011.net/content/seminar>

For more upcoming events visit InterfaceSouth at:

<http://www.interfacesouth.org/events/renderEventsListing?eventType=upcoming>

Literature: Nature-Friendly Land Use Practices at Multiple Scales

This book details six best practices for designing and implementing programs that approach conservation from a multiple scales perspective. The text is organized around case studies that cross jurisdictional and ecological boundaries to achieve habitat conservation. This book is designed to aid planners, developers, and government agencies in land use planning efforts. The authors, James McElfish and Rebecca Kihlsinger, are with the Environmental Law Institute.

To learn more about Nature-Friendly Lands Use Practices at Multiple Scales visit:

<http://www.islandpress.org/bookstore/detailsf1a9.html?isbn=9781585761401>

Website: Ecosystem-Based Management Tools Network

This website provides information related to Ecosystem-Based Management (EBM), a natural area conservation approach that manages an entire ecosystem, including humans and the environment, instead of focusing on one issue or problem resource. Site visitors can learn about EBM tools and best practices, access and utilize EBM tools and decision support systems, and participate in webinars. The EBM Tools Network is an alliance of EBM tool users, providers, and researchers.

To view this website visit: <http://www.ebmtools.org/>