

Computational Science for Natural Resource Managers

April 11–14, 2007

www.tiem.utk.edu/workshop07

University of Tennessee, Knoxville

Objectives

- 1) To introduce natural resource managers to modern computational science to enhance their ability to effectively manage natural systems.
- 2) Guide attendees in the process of design and construction of models for use in resource management and policy.
- 3) Provide an overview of the computational tools currently available for natural resource management.

Travel & Support Grants Available

Specific Topics Include

Spatial Data & Modeling

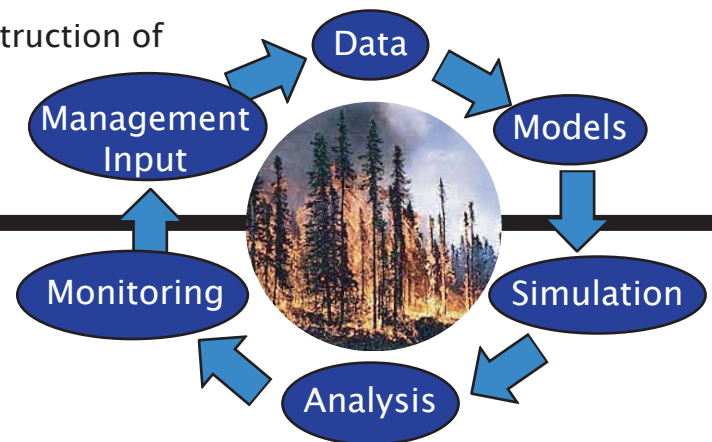
Extending GIS for Dynamical Problems

Linking Biological/Physical Models

Scenario Analysis for Policy Decisions

Wildlife Disease Management

Use of Models to Design & Plan Monitoring Systems, Particularly:	<ul style="list-style-type: none">○ Harvest Planning○ Fire Management○ Control of Invasives○ Water Management
--	--



Hands on Sessions

Software Tools

Introduction to Clusters and Grid Computing

Field Trip to Great Smoky Mountains National Park

Directed By:
Dr. Michael Fuller
workshop07@tiem.utk.edu

Codirected By:
Dr. Louis Gross
Dr. Michael Berry
Dr. Suzanne Lenhart

Applications Accepted
Beginning November 2006

Workshop Sponsors at the University of Tennessee

Department of Ecology & Evolutionary Biology

The Institute for Environmental Modeling

Department of Computer Science • Department of Geography • Department of Mathematics

