

HIGHLIGHTS and INITIATIVES

**Energy, Environment and
Resources Center**

*Jack Barkenbus,
Executive Director*

**Center for Clean Products
and Clean Technologies**

Gary A. Davis, Director

Office of Communications

David Brill, Director

**Center for Geography and
Environmental Education**

Rosalyn McKeown-Ice, Director

**Oak Ridge Technology
Research and
Development Program**

Sheila Webster, Director

**Systems Development
Institute**

Donald Alvic, Director

Pro-Dialogue

*Mary R. English and
David L. Feldman, Directors*

**Water Resources
Research Center**

*Tim Gangaware,
Associate Director*

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International News. Jack Barkenbus, EERC's executive director, was named one of three finalists for the St. Andrews Prize, which was recently awarded for practical solutions to environmental problems. Barkenbus presented his paper "Community Environmental Monitoring: Mobilizing Human Resources" at the *St. Andrews Seminar* in St. Andrews, Scotland. An international panel of trustees awarded \$25,000 for the essay deemed to represent the most promising practical solution to environmental problems. The prize, funded by Conoco and organized by the University of St. Andrews, attracted 240 entries from corporate, political, and academic authors representing 42 countries.

Lori Kincaid, associate director of the Center for Clean Products and Clean Technologies, spoke on "Hazardous Substance Substitution: Experiences in the United States" in April at the *SPHERE+ European Conference* in Amsterdam, the Netherlands. [SPHERE is an acronym for "Substitution Projects for Health and Environment: Lessons from Results and Experience."] The SPHERE project examined European projects that promoted hazardous-substance substitution; the conference explored the experiences, results, and lessons learned from seven recent projects. Kincaid discussed the roles of state, federal, and nongovernmental organizations in U.S. hazardous-substance substitution projects and highlighted the framework EERC used in projects with the U.S. Environmental Protection Agency's Design for the Environment Program.

Graduate Research Assistant Jeff Duncan received the McClure Fellowship for International Studies. He will be traveling to Manaus, Brazil, to design and implement a course in sustainable development in the Amazon Basin. Duncan also received a summer research grant from UT's department of ecology and evolutionary biology to study the influence of Knox County riparian corridors on local and regional biodiversity.

Conferences. Research Leader Mary English chaired a session titled "Improving Interactions between Environmental Professionals and the Public" at the recent *National Center for Environmental Decision-making Research Conference* in Knoxville. In a session titled "Community Sustainability Issues," English presented "Smart Growth Activities in Tennessee," a paper she coauthored with Research Scientist Jean Peretz. The paper details how communities with limited staffs and budgets can use visioning, planning, and computer-based tools to prepare for future growth.

In April, Research Scientist David Feldman served as plenary speaker for the panel "Going to the Source: Protecting Tennessee's Drinking Water" at the meeting of the Tennessee chapter of the American Water Resources Association at the Nashville Convention Center. Feldman discussed the findings of the *Southeastern Water Resources: Management and Supply Symposium*, which was held in Chattanooga in August. Feldman had served as symposium coordinator.

Publications. David Feldman and Graduate Research Assistant Patrice Cole co-authored a report, *Place-based Environmental Initiatives: Comparing Negotiation and Collaboration in Five Cases*, for EERC's affiliate, the Waste Management Research and Education Institute. The report identifies place-based environmental initiatives that seek to balance economic development with environmental protection, examines where conflicts may occur, and determines what conditions will make such initiatives acceptable to stakeholders.