

The National U&CF Technology Transfer Team

Innovation, Research and New Tools for U&CF

The Challenge

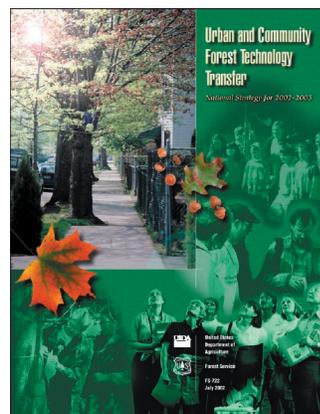
Urban and community forests represent far more than tree canopy in cities and communities. Predominately characterized by the presence of trees, these forests contain other vegetation such as grasses, annuals, perennials, and shrubs. Urban and community forests are also composed of concrete, buildings, roadways, urban infrastructure, soils and water, people, and wildlife. In recent years, new tools, technologies and research have led to changes in the way in which U&CF programs address the management of these urban and community resources. Effective and timely dissemination and distribution of the latest state-of-the-art solutions to urban and community foresters is a challenge that the Forest Service is working to solve.

The Solution

A national technology transfer team has been established to strategically integrate activities promoting research and technology transfer that addresses regional urban and community forestry issues and to provide practical results at the local level. The team provides a shared vision, focuses resources across regions, and identifies needs and key opportunities. Technology transfer ensures that the U&CF Program's growing knowledge of urban and community forestry's role is understood and that important principles are used by practitioners, community leaders, local residents, and other end-users. Technology transfer provides a mechanism to further enhance the viability of our urban ecosystems through more effective delivery of information and state-of-the-art technologies.

Urban and community forestry research and technology Transfer provide useful information that influences urban natural resources policy and management at the national, regional, and local levels.

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A Strategy for Urban and Community Forestry Technology Transfer has been developed by the national team

Role and Vision

A national technology transfer team has established a vision for accomplishing its goals that include:

- Facilitating responses to scientific findings about the condition of urban ecosystems, including watersheds and wildlife habitat.
- Improving the management of these ecosystems.
- Encouraging the wise use of innovative, cutting-edge technology and information resource management.

Sharing Success

Urban forestry technology transfer activities are implemented through the research stations in Chicago, Davis, and Syracuse, and urban forestry centers in Amherst, Amherst, St. Paul, Keystone College and Athens. Through universities, other federal agencies and not-for-profit organizations, delivery of activities are implemented in full partnership with state forestry agencies.

The team aims to Improve interactive communication and coordination among researchers, urban foresters, practitioners, the National Urban and Community Forestry Advisory Council (NUCFAC), Forest Service staffs, State forestry agencies, external partners, and other end-users. The team is also using the latest technology to obtain and transmit newly developed research-based information.



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