



## UNRI SCIENTISTS AT WORK

### i-Tree

Inventory of Tree Resources: Economic & Environmental

i-Tree was developed by USDA Forest Service Research, including scientists from the Northern Research Station, in cooperation with Forest Service State & Private Forestry, the Davey Resource Group, the National Arbor Day Foundation and other cooperators. It is a state-of-the-art, peer reviewed computer software suite containing inventory, analysis and forecasting tools.

The tools in i-Tree help communities assess, manage and care for their neighborhood trees and forests. The tools help users to measure the ecosystem services provided by forests and lead to a better understanding of the benefits that trees provide to neighborhoods and the community at large.

i-Tree was designed to meet the needs of communities of all sizes, and can be used to show decision makers and residents alike that the trees and forests are an important and essential part of healthy, well-balanced communities. Developed over the years with public funds, i-Tree is offered free of charge to users, and is available through the web at [www.itreetools.org](http://www.itreetools.org). The software contains a collection of software products that can be used to ad-

*"Reports and information generated by i-Tree will help raise awareness about the benefits of trees and forests, not just as amenities, but as an integral and essential part of our neighborhoods."*



The information generated by i-Tree serves as a tool for decision making and education, as well as places quantitative values on urban forest resources.

dress a variety of inventory and assessment needs in any size community. The i-Tree software suite contains the following products:

- UFORE - measures and assesses urban ecosystem benefits;
- STRATUM - provides an analysis of the costs and benefits of a community's street trees;
- MCTI - a traditional urban forest inventory data collection software, which can be used to survey trees on public and private property;
- SDAP - Storm Damage Assessment Protocol, which is a storm damage planning and analysis tool.

## FUTURE DEVELOPMENT

i-Tree will be released in the summer of 2006, and with input by users, will be constantly tested and improved so that communities who use the program will benefit from the latest new technologies in science to help manage their community forests. Annual updates of the i-Tree software are planned for release via the Internet.



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