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Overview

The goal of the i-Tree Academic Project is to integrate the i-Tree software suite into university and technical school curriculum. The i-Tree Development Team feels that it is of the utmost importance to familiarize the next generation of Urban Foresters, Arborist, Urban Planners, Consultants, and Natural Resource Managers to the i-Tree software to better prepare them for their professional endeavors. With your help, we would like to bring i-Tree to our future community foresters.

A Video Welcome

Just click on the video icon to see just what i-Tree.edu has in store for you and your students. This brief introduction provides an overview of how the i-Tree tools can be incorporated into your your academic curriculum at any student level.

Select Your Adventure

Just click on the button below that best suits your needs.

Middle School	High School	College-University
• Introduction	• Introduction	• Introduction
• Learning Goals	• Learning Goals	• Learning Goals
• Curriculum	• Curriculum	• Semester Curriculum
• In the Classroom	• In the Classroom	• In the Classroom
• In the Field	• In the Field	• In the Field
• Resources	• Resources	• Resources
• Student Portal	• Student Portal	• Student Portal
		• Academic Forum

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Username   Password
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| Home | About | Applications | Utilities | Resources | Support | News |

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About i-Tree.edu for Middle School

i-Tree software tools can be used in your classroom to enhance your students' understanding of the value and importance of trees in their community, while engaging in classroom and field exercises that help the students to calculated specific benefits that trees provide.

The teaching tools that are included in i-Tree.edu for Middle School have been developed specifically with your students in mind. A series of exciting and active classroom and laboratory exercises, including outdoor field work are included.

Learning Goals

The learning goals of your students is at the foundation of i-Tree.edu for Middle School. Using feedback from educators across the country, a series of goals have been incorporated into the curriculum, exercises and resources developed in i-Tree.edu. Learn More…

Select Your Learning Setting

Just click on the button below to select your instructional setting.

| Classroom | In the Lab | Outdoors | After School |

Connections

i-Tree.edu has developed a networking forum for you to connect with other middle school teachers who are using i-Tree, or are interested in learning more about your experience with the software tools, educational curriculum and to solve issues that you might have in common. Additionally, a specific Help portal has been created just for i-Tree.edu

| Teacher Forum | Help & FAQs |

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Resources
Manuals & Workbooks
Video Learning
Archives
Reports
Project Profile
Academic
Presentations
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About i-Tree.edu for High School

i-Tree software tools can be used in your classroom to enhance your students' understanding of the value and importance of trees in their community, while engaging in classroom and field exercises that help the students to calculate the specific benefits that trees provide.

The teaching tools that are included in i-Tree.edu for High School have been developed specifically with your students in mind. A series of exciting, challenging and active classroom and laboratory exercises, including outdoor field work are included.

Learning Goals

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Just click on the button below to select your instructional setting.

Classroom   In the Lab   Outdoors   Student Clubs

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Manuals & Workbooks
Video Learning
Archives
Reports
Project Profile
Academic
Presentations
Workshops
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About i-Tree.edu for Higher Education

i-Tree software tools can be used in higher learning classrooms to enhance your students' understanding of the value and importance of trees in their community, while engaging in classroom and field exercises that help the students to calculate the specific benefits that trees provide.

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| Home | About | Applications | Utilities | Resources | Support | News |

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Classroom Curriculum Tools for Middle School

Choose the appropriate i-Tree software tool to use in your classroom setting. Each tool focuses the student on learning the foundation of ecological principles related to various study areas, ranging from individual trees, to larger landscape settings including street trees. Click the button for the appropriate tool for your classroom exercise.

I-TREE DESIGN

i-Tree Design is a simple online tool that provides a platform for assessments of individual or multiple trees at the parcel level. This tool links to Google Maps and allows you to see how tree selection, tree size, and placement around your home affects energy use and other benefits.

I-TREE CANOPY

i-Tree Canopy offers a quick and easy way to produce a statistically valid estimate of land cover types (e.g., tree cover) using aerial images available in Google Maps. The latest version of Canopy also estimates values for air pollution reduction and capturing atmospheric carbon. Canopy can be used by urban forest managers to estimate tree canopy cover, set canopy goals and monitor canopy change over time.

I-TREE STREETS

i-Tree Streets focuses on the benefits provided by a municipality's street trees. It makes use of a sample or complete inventory to quantify and put a dollar value on the street trees' annual environmental and aesthetic benefits. Streets also describes urban forest structure and management needs to help managers plan for the future.

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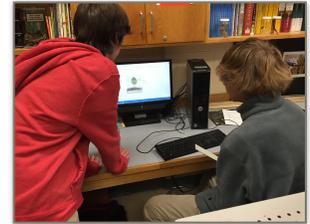
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Teacher Forum   **Help & FAQs**

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Manuals & Workbooks
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Archives
Reports
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Workshops
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Teacher Forum   **Help & FAQs**

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Community Forests

Get the Tools.

| Home | About | Applications | Utilities | Resources | Support | News |

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Reports
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Presentations
Workshops
Marketing i-Tree
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