



i-Tree International Academy

Live Online Training Program
December 4, 2024 – February 26, 2025

APPLY NOW:

<https://forms.gle/cMZsrUsFrXgHhZDX7>



The US Forest Service's International Programs (FS-IP) and the Northern Research Station, in partnership with the Davey Institute, are offering an international online training program designed to introduce the i-Tree suite of tools to global participants. The Academy instruction will be delivered by experienced members of the i-Tree project team, and guest instructors, focused on helping participants learn i-Tree applications which can be used to assess the value of urban forests and greenspaces.



i-Tree Eco field data collection in Puerto Princesa, Philippines

Program Learning Objectives

The program goal is to develop a global network of individuals, who can use i-Tree to complete assessment projects, advise others and advance new i-Tree integrations:

- Learn how to use several core i-Tree assessment tools including Eco and Canopy.
- Understand fundamental concepts behind the i-Tree tools including ecosystem services and their relationship to tree and forest structure.
- Explore how i-Tree Database can be used to integrate new global cities in i-Tree.
- Know the advantages and limitations of i-Tree, when used internationally.
- Apply new learning to develop an 'action plan' for using i-Tree or advancing integration in their home county.



Program Format & Details

The course will take place over three months, consisting of (8) two-hour onlinesessions using the Zoom platform, starting at 10:00 AM (Eastern, United States or GMT - 4).

Participants will need an internet connection, web browser, speaker, and a microphone. Also, all participants will need a Gmail account and access to Google Drive and Zoom.

Once you are admitted you will receive instruction for logging into Zoom. Please expect homework assignments and a final presentation in order to complete the course.

Session Tracks

Sessions: 1 and 2 - For those who are interested in gaining a working knowledge of i-Tree applications for international uses, participants will be able to recommend the best i-Tree tool to in- country cooperators, to convey challenges and limitations, and provide guidance in developing and applying i-Tree.

Sessions 1 thru 8 - For those who are interested in advancing i-Tree or applying tools in their own country, the remaining sessions will provide these users with a foundation and working knowledge to integrate and/or use i-Tree internationally.

i-Tree International Academy 2024 Program Outline

Session 1 - Wed, December 4 - Academy Introduction & i-Tree Database overview

- Course learning objectives, format and instructor introductions
- i-Tree introduction, key concepts, website, and resources
- i-Tree Database overview of options for international uses

Session 2 – December 11 - i-Tree Eco, Canopy, and MyTree overview

- Online tools for assessing trees, tree planting projects, and more
- Learn Canopy and Eco's capabilities, limitations, and requirements for global projects
- Explore tool uses for engagement, education, advocacy and improving management

Session 3 – Wed, January 8 - i-Tree Canopy estimating tree and land cover

- Learn how to use Canopy to assess tree cover and better understand land cover dynamics in developing countries and global cities
- Explore advanced uses such as monitoring change over time and applying Canopy for customized projects

Session 4 – Wed, January 15 - i-Tree Eco and Database basics for international projects

- Explore Eco's different international use options based on data availability and level of integration
- Explore how i-Tree Database can be used by international users to submit new location information, hourly pollution, precipitation and new tree species
- i-Tree Eco's main project types, flexible data options and key features for planning and managing international Eco projects

Session 5 – Wed, January 22 - i-Tree Eco project phases, options, and more

- Eco project configuration and data collection for complete & sample projects
- Gain an understanding of Eco's underlying modeling components, project phases and overall capabilities for international users

Session 6 - Wed, February 5 - Eco project creation, data collection & processing

- Learn the steps involved in setting up a basic inventory project or sample project working with the Eco desktop software
- Explore how to use the Eco mobile data collection system, manual data entry form and import system for use with external tree data

Session 7 - Wed, February 12 - Eco reports, mapping and case studies

- Explore Eco's reporting capabilities and how information can improve understanding and management of tree and forest resources

Session 8 - Wed, February 26 - Participant i-Tree Action Plan

- Participant action plan presentations with team review and feedback
- Course wrap-up and staying connected

For more information:

Please contact Liza Paqueo at liza.paqueo@usda.gov

To learn more about i-Tree, visit <https://www.itreetools.org/>

For general i-Tree questions, please e-mail info.itreeacademy@gmail.com

