



i-Tree

# i-TREE Pest Detection IPED Planning & Set-up

On-line Training Seminar  
April 26, 2011

# Session 2

## IPED Planning & Set-up

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# i-TREE Pest Detection Overview

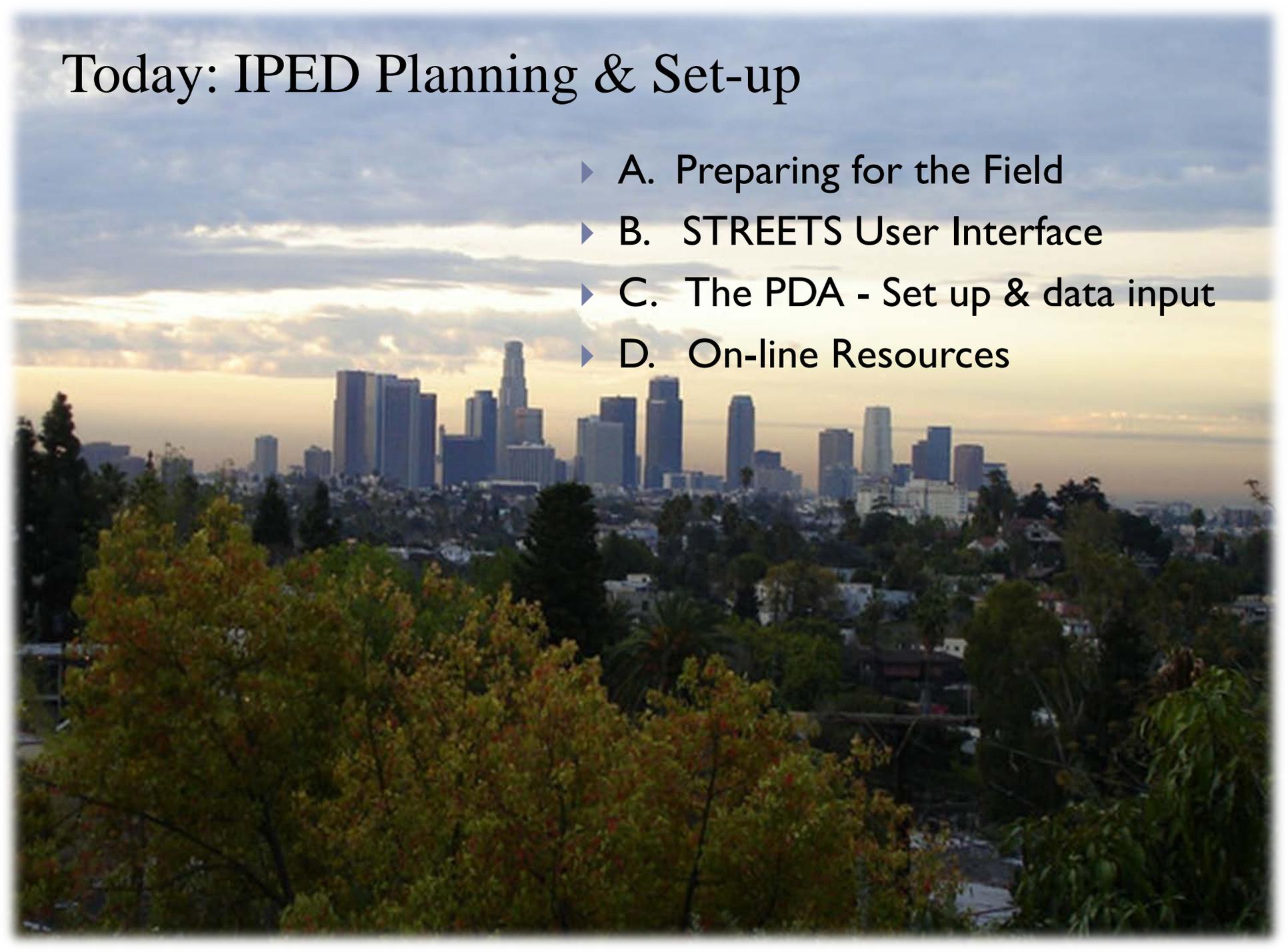
1. IPED can be found within the Streets Utility of i-Tree and is intended for street tree populations.
2. The IPED Protocol is a tool to systematically examine tree health.
3. It is not a diagnostic tool - but rather a tool to collect data on signs and symptoms of tree stress, pests and disease.
4. IPED can be used within i-Tree or as a stand alone tool.

Added time and cost of collecting additional tree data is substantiated by the fact that this approach to collecting data on tree health across tree populations can prevent catastrophic pest/disease invasions .



# Today: IPED Planning & Set-up

- ▶ A. Preparing for the Field
- ▶ B. STREETS User Interface
- ▶ C. The PDA - Set up & data input
- ▶ D. On-line Resources



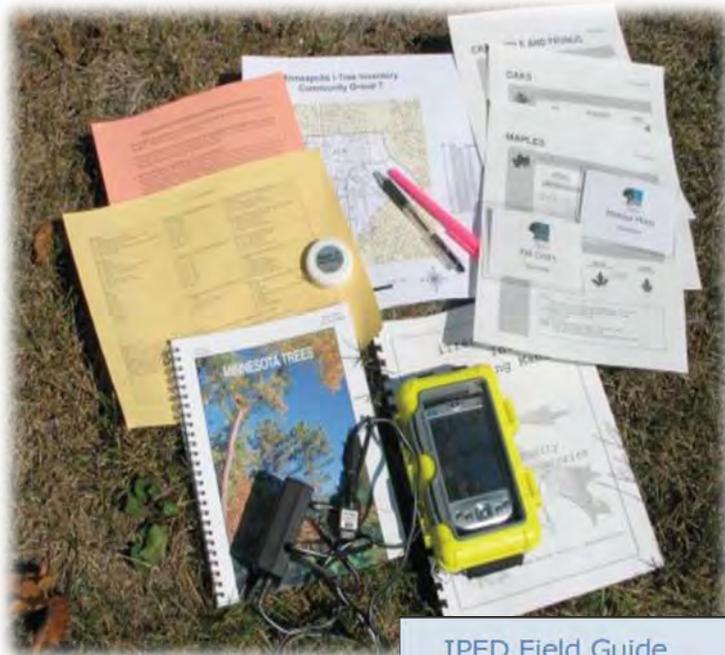
# Preparing for Field Work - Safety



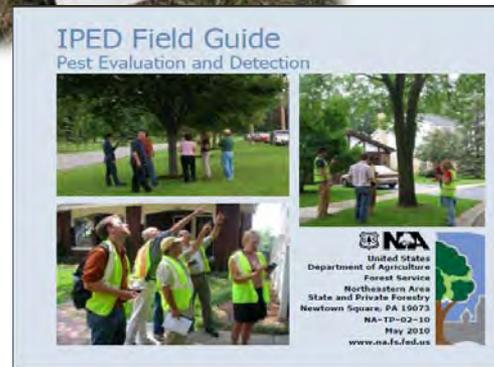
- Safety vest
- Bug spray
- Drinking water
- Comfortable shoes
- First aid kit
- Cell phone
- Identification
- Informational handout



# Preparing for Field Work - Tools

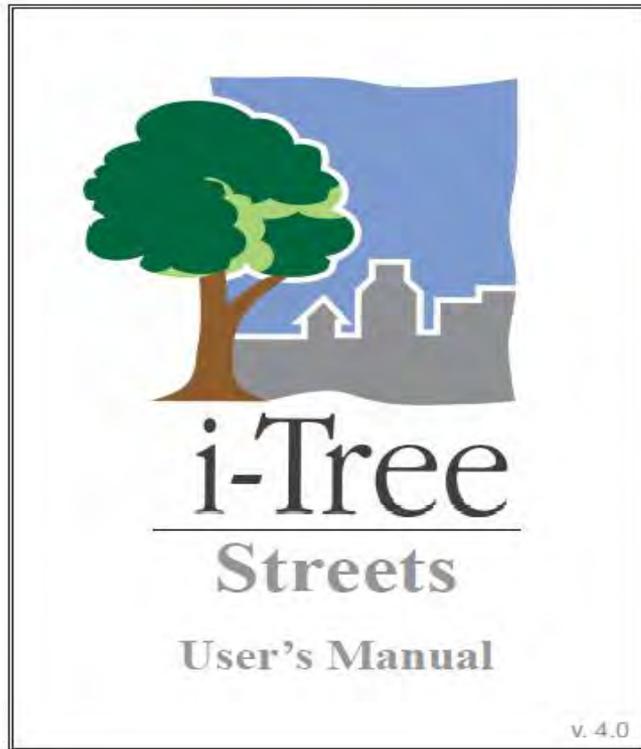


- Field Glasses
- Pocket Knife
- Magnifying Glass
- DBH Tape
- Camera
- Ziplock bags
- Wet Weather Supplies



- PDA charger, case, storage card, forms, data entry tip sheet, field guide, tree id books, etc..

# IPED Set-up in STREETS



Phase I - Getting Started

Phase II - Setting up the software

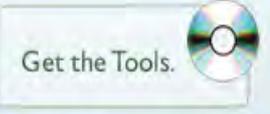
Phase III - Out in the Field - PDA

Phase IV - Running IPED





Tools for Assessing and Managing  
Community Forests



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Community Trees:  
A Living Investment

## What is i-Tree?

i-Tree is a state-of-the-art, peer-reviewed software suite from the USDA Forest Service that provides urban forestry analysis and benefits assessment tools. The i-Tree Tools help communities of all sizes to strengthen their urban forest management and advocacy efforts by quantifying the structure of community trees and the environmental services that trees provide.

Since the initial release of the i-Tree Tools in August 2006, numerous communities, non-profit organizations, consultants, volunteers, and

## What's New?

- i-Tree version 4.0 summary**  
[An i-Tree summary document describing v4.0 applications >>](#)
- i-Tree March 2011 Newsletter**  
[March 2011 Newsletter >>](#)
- The "Best" of i-Tree featured

# Phase II – USING IPED PDA Utility





**BUGWOOD Wiki**  
wiki.bugwood.org

- Main Page
- Community portal
- Current projects
- Recent changes
- Random page
- Help
- Projects
  - High Plains IPM Guide
  - Northern Plains IPM Guide
  - IPED Pest Protocol
  - NPDN First Detector Materials
  - Diagnostician's Cookbook
  - Invasipedia
- Participation
  - Bugwood Image Sites

Page Discussion Read Edit View history

# IPED

Welcome to the IPED on-line resources  
a wiki guide for US Forest Service's Urban Forest Pest Detection module for i-Tree



## i-Tree

Tools for Assessing and Managing Community Forests

Get the Tools. 



- [IPED Resources](#)
- [i-Tree Home](#)
- [About](#)
- [Applications](#)
- [Utilities](#)
- [Resources](#)
- [Support](#)
- [i-Tree News](#)

### What's new?

- [Project Overview](#)
- [Pilot Cities](#)
- [Development Team](#)

### Survey Planning Resources

- [Urban Forest Pest Detection](#)
- [Survey Planning](#)
- [An example of the IPED Protocol in Anytown, USA](#)
- [i-Tree Tools User Forum](#)

### Survey Resources

- [Pest detection protocol](#)
- [IPED Pest Detection Protocol Manual](#)

# Session 3

## Pests, Signs & Symptoms

May 3, 2011

1:00 PM (Eastern)

Dan Twardus, USDA Forest Service

Joe O'Brien, USDA Forest Service