i-Tree Eco - Project Time Estimation

Activity	Estimated Time (Hrs)
GIS-related:	
create area-of-interest layer, collect NLCD files, create plots layer and Eco-ready reports, develop property-owner database from parcel GIS layer	4
create waypoint file for plot centers and load onto GPS units for field crews, create and print plot aerial photos and area maps for field crews	16
Total hours	**20**
Project Coordinator:	
create and format project using i-Tree Eco, data bundling and unbundling for processing	1
contact parcel-owners for plot access permission (250 plots, printing/mailing 500 letters - twice [16 hrs], phone calls to non-respondent landowners @ 5min./call; 250 calls = 21 hrs)	40
train volunteer data collectors	16
organize volunteer data collectors (2 hrs/day for 63 days)	126
conduct quality assurance checks on plots and on data entry (4 hrs/week @ 12 weeks)	48
data entry @ 5 minutes/plot (if not using PDAs)	21
Total hours (see note below)	**252**
Field Crews:	
8 hour days and 2 person crews = 16 hrs/day: averaging 4 plots per day would give 63 days to complete 250 plots	**1008**
Total Project Hours	**1280**

Project Coordinator - Total hours: obtaining funding can be time consuming depending on from where the money is coming. Time for securing funding is not included in these estimates.

Eric A. Kuehler
Technology Transfer Specialist
Urban Forestry South
USDA Forest Service
ekuehler@fs.fed.us
(706) 559-4268