**i-Tree Storm Process Logic**

**What kinds of storms do you anticipate… Ice storms, hurricanes and floods, smaller scale disasters?**

* Use this to help determine which adaptation you will use.
* If using the hurricane adaptation, will you separate estimates for tree removal and tree pruning from estimates of debris removal?

**Pre Storm**

You will need to gather some general data before you start your pre-storm assessment:

* Determine total street mileage for all of the roads you manage.
  + Determine the total centerline miles of public roads for which you will be responsible in an emergency.
  + If this information is not immediately available, it can be obtained by any GIS technician using TIGER/Line files available for free download as shape files from the Geography Network ([www.geographynetwork.com](http://www.geographynetwork.com)).
* Estimated times and costs required for pruning and removing trees by size class.
  + Default values are given that can be adjusted for local conditions.

**Post Storm**

In post-storm data collection, three critical pieces of information are recorded:

* The number and size of trees requiring removal.
* The number and size of trees requiring pruning to remove hazardous branches.
* The amount of brush debris generated.

For the hurricane adaptation, you might have decided to group all of these together.

i-Tree Storm Users Manual:

https://www.itreetools.org/resources/manuals/i-Tree%20Storm%20Users%20Manual.pdf