

# Urban Forest Symposium

## Technology in Urban Forestry - Resources

May 21, 2019

### GIS: Multispectral imagery

- Land Use
- Geographic Boundaries
  - Neighborhoods
  - Council Districts/Wards
  - School Districts
  - Watersheds
  - Riparian Corridors
  - Floodplains
- Canopy Health
- Stormwater Risk/Water Quality
- Development Risk
- Erosion and sediment runoff
- Heat Island Analysis
- Canopy Potential
  
- Historical Change
- Forecast Trends
- Development Risk
- Forest Fragmentation
- Leaf Litter
- Emergency planning

### Hyperspectral imagery

- Species definition
- Pest outbreak

### Mobile Apps

- Skitch
- Leafsnap
- Texas A&M Forest Service
- Tree Risk Assessment – Level 1
- Texas A&M Forest Service
- Trees Count
- Virginia Tech Tree Identification
- Purdue Tree Doctor
- Forest Pest Insects in North America, a Photographic Guide

### Management Software:

TreeKeeper - [https://youtu.be/l\\_cbuE59jrk](https://youtu.be/l_cbuE59jrk)

### Treepedia

### New York City Tree Map

### i-Tree Suite of Tools

### ESRI StoryMap (Sammamish)

<https://gis.davey.com/storymap/sammamishwa>

### King Conservation District Maps

<https://pg-cloud.com/KingCD-Cities/>



**Anne Fenkner**  
Anne.Fenkner@Davey.com  
(916) 214-5908

**Ian Scott**  
Ian.Scott@Davey.com  
(206) 714-3147