



THE UNIVERSITY OF UTAH

Turning a New Leaf

New Ways to Manage a
Campus Tree Inventory

Campus Tree Inventory

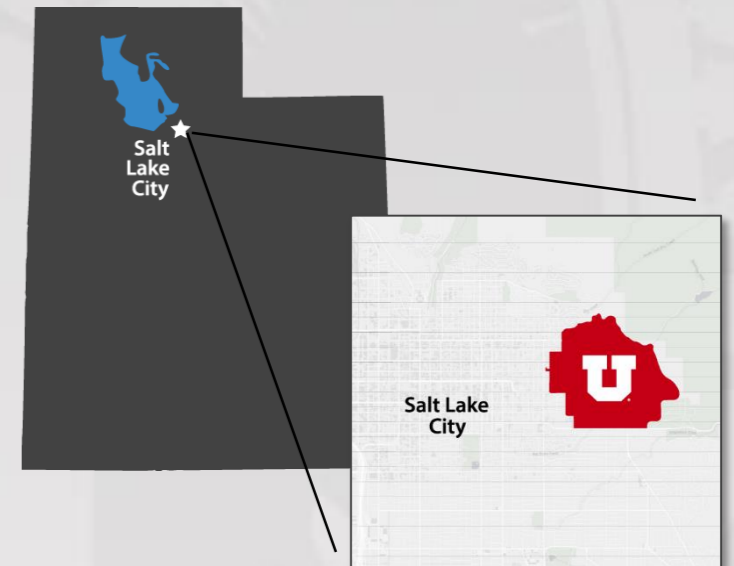
State Arboretum

11,795 Trees, 180 different species

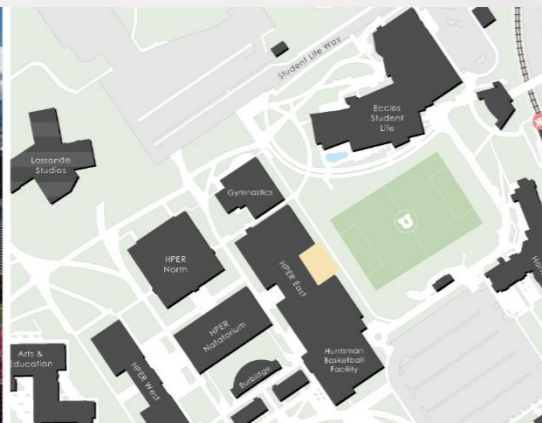
Species not normally found in the region

13 are State Champions:
Largest of their species in the State of Utah

The University of Utah



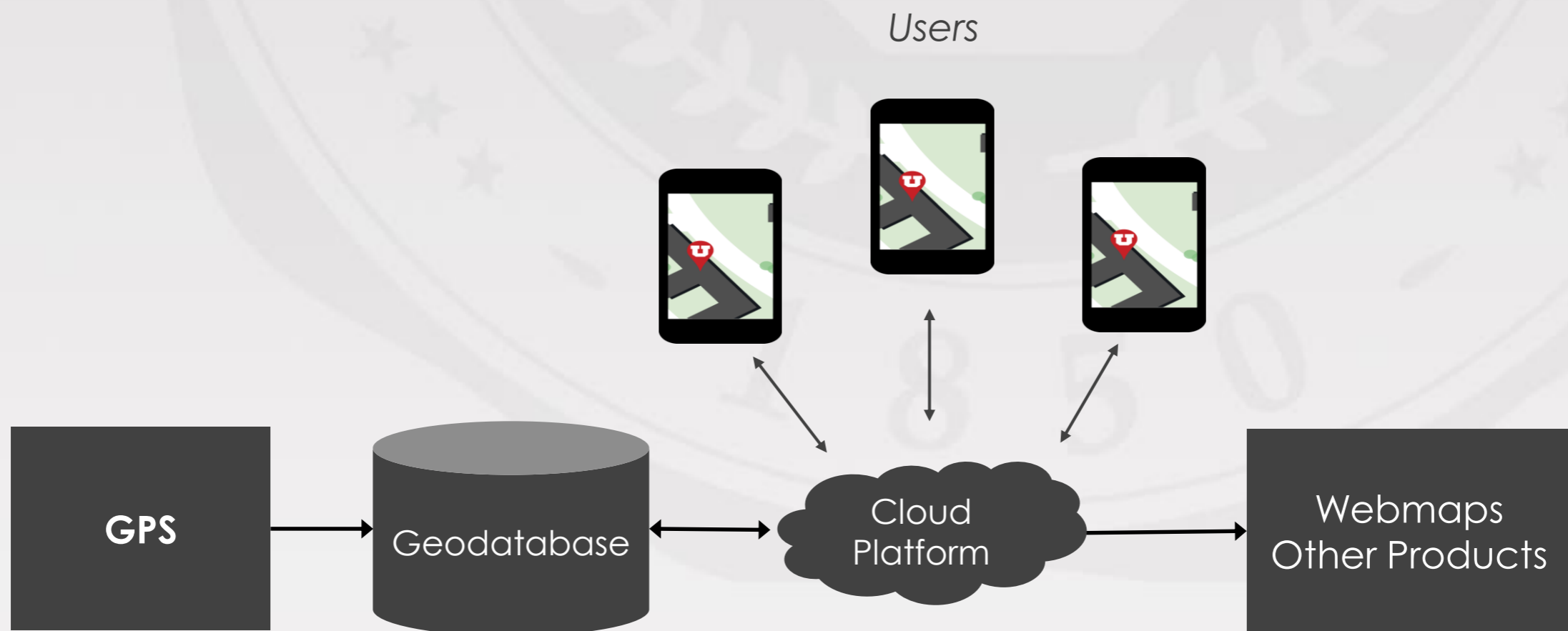
- Founded **1850**
- **31,500** students
- **13,500** faculty & staff
- **1,900**
 - Academic Space
 - Health sciences & University Healthcare campus



How do we manage information for
so many trees?

Picture of paper records

ArcGIS Online & Collector



General Information

- Genus, Species, Common Name
- Planting Date

Updating Information

- Removal Dates
- Hazard Watchlist
- DBH
- Value

Screenshots of
collector

Decay Information

- Sizes of decay
- Location on tree
- Date

Maintenance Information

- Maintenance Issues
- Status (Identified/Completed)
- Date

Treatment Information

- Types of treatment
- Chemicals & amounts used
- Date

Screenshots of
collector

Now what?

Demo Dashboard (webmaps), Tabular data,
etc.

Other ways we use this information

Campus Tree Tour
(General Public)

Bird Nesting
Locations

Planning
& Design

Questions?

CHRISTOPHER STRONG
chris.strong@fm.utah.edu
GIS Analyst

