



TREES IN ARIZONA'S COMMUNITIES

PLANTING THE URBAN CANOPY





TODAY'S ROAD MAP

- **AZ Urban/Community Forestry Program**
Grants, Technical Assistance, Awards and Recognition Programs, Partnerships/Events
- **Resources and Tools**
Educational materials, Reports, Website
- **Tree Inventory and Canopy Assessments**
Regional work completed; Canopy Summaries

COMMUNITY FORESTRY PROGRAM

- Services We Provide:
 - Grant Funding
 - Technical Assistance & Specialized Training
 - Awards & Recognition Programs
 - Partnerships / Events



COMMUNITY FORESTRY PROGRAM

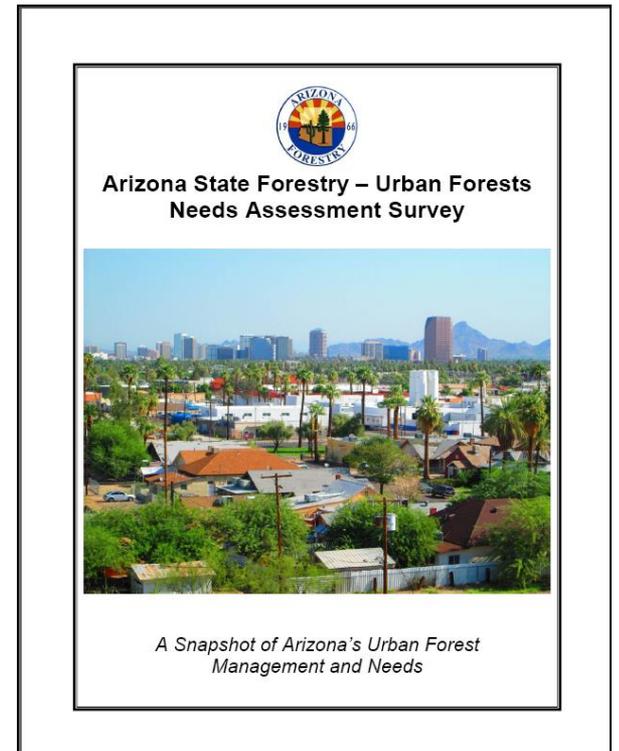


RESOURCES & TOOLS

- Website

<https://azsf.az.gov/forestry-community-forestry/urban-community-forestry>

- Grant information
- Educational materials
- Award / Recognition information
- Reports
- AZUTM





Arizona State Forestry



- NEWSROOM
- FIRE
- FORESTRY AND COMMUNITY FORESTRY
- GRANTS
- ABOUT US

Forestry and Community Forestry » Urban and Community Forestry



Urban and Community Forestry

Urban and Community Forestry

Projects

Recognition Programs

Tree Selection and Care

Conservation Education

Resources and Tools

Events

Forests in the Community

The diversity of Arizona forests ranges from riparian gallery forests in the low deserts to sub-alpine and montane forests above 9,000 feet in elevation. Forests cover roughly 27% of the state and occupy 19.4 million acres. These forests are comprised of 37 species of coniferous and hardwood trees. The majority of forestland is located above the Mogollon Rim with distinct areas scattered throughout the rest of the state. Juniper and pinyon-juniper woodlands are the most abundant forest type in Arizona, occupying approximately 14.8 million acres, or 20.3% of the state.

Urban and Community Forests in Arizona

Arizona's urban forests are comprised of trees and vegetation in urban areas that have a special relationship to people - providing environmental



Forestry and Community Forestry

- Urban and Community Forestry
- Stewardship
- Legacy
- Forest and Woodland Health
- Utilization and Marketing



Ask an Arborist

Arizona State Forestry has many tree experts on staff who are happy to answer any of your questions. See our **Frequently Asked Questions** or **contact us**.



Urban Tree Talk

TREE INVENTORIES: AZ URBAN TREE MAP

- UFRI Project Pilots → AZUTM

- Bisbee
- Lake Havasu City
- Mesa
- Oracle State Park
- Phoenix
- Pinetop-Lakeside
- Prescott Valley
- Tucson (Campus Arboretum & Case Park) 😊





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Projects

- Urban and Community Forestry
- Projects**
- Recognition Programs

- Tree Selection and Care
- Conservation Education
- Resources and Tools

Events

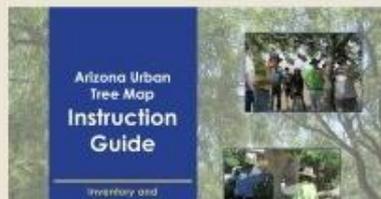
Current Projects

Completed Projects

UCF Grant Funded Forestry Projects

Current Community Forestry Projects

Arizona State Forestry works with a variety of partners to implement projects that benefit the State's urban forest. Project results inform long-term strategic planning needs and policy development.



Arizona Urban Tree Map

A multi-year project funded by the USDA Forest Service to conduct urban forest inventories in partnering communities. This project will:

- compile existing urban forest inventory and resource information from communities, towns



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Urban Tree Talk



TREE INVENTORIES: AZ URBAN TREE MAP

- Required Parameters
 - Point location for each tree
 - Species name
 - DBH
- Upload Data
 - Excel spreadsheet
 - Contract / Landscaper Requirement

INVENTORIES → CANOPY ASSESSMENTS → VALUATIONS → CANOPY GOALS



URBAN CANOPY ASSESSMENTS

- Purpose
 1. Generate \$\$ value/benefit for reporting and use (community and statewide)
 2. Helps articulate need and justify program investment
 3. Identify gaps for future programming
 4. Provide opportunity for comparison
 5. Motivate public/private interest



Arizona Urban Tree Map

Details Legend

Basemaps Layers Print Share

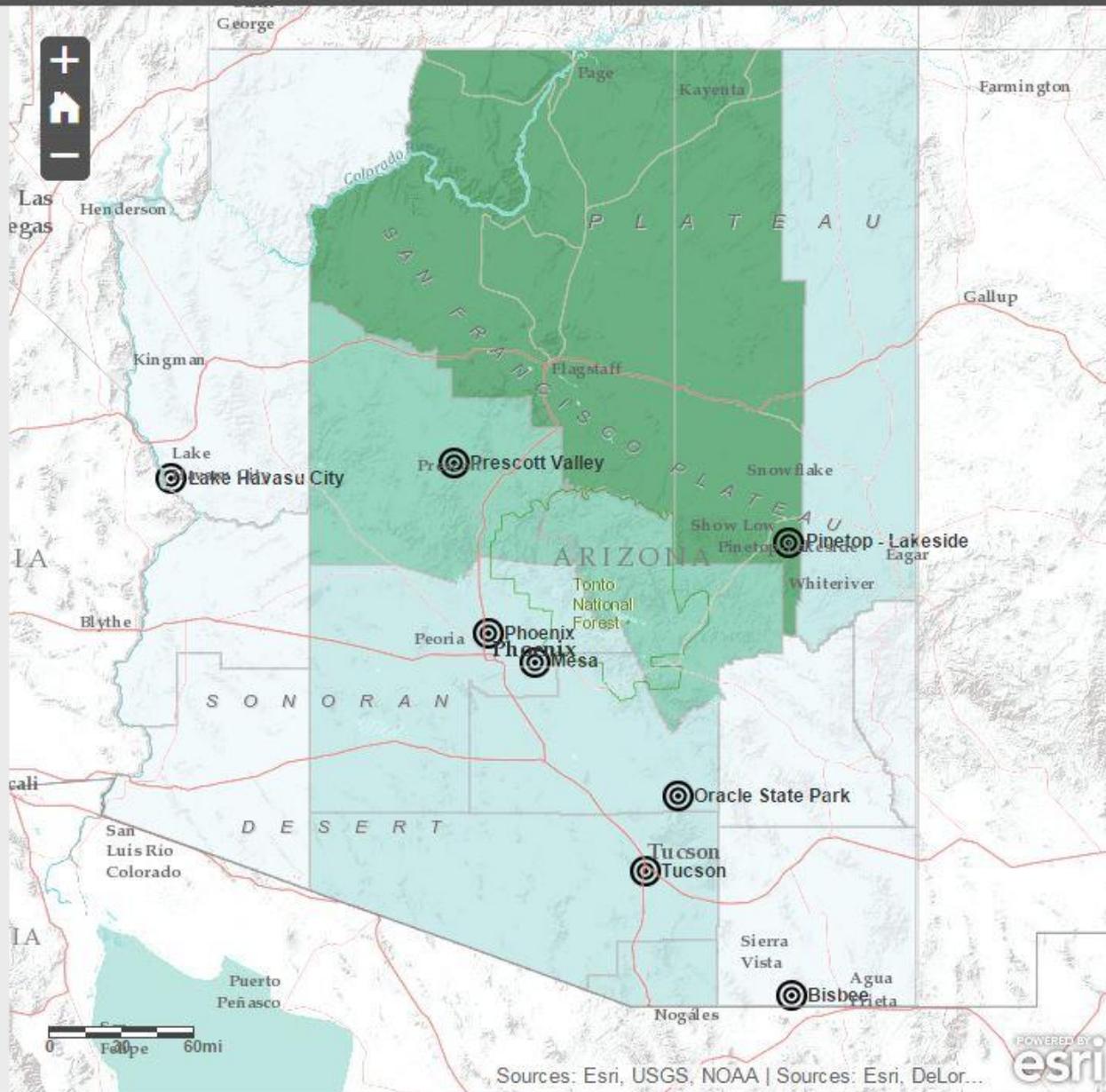
AZUTM Tree Inventories



Percent Urban Tree Canopy by County

Urban Tree Cover (%)

- > 15 to 20
- > 10 to 15
- > 5 to 10
- 3 to 5





COUNTY DATA

- 15 Counties
 - **Average** canopy cover based on communities sampled
 - Est. Urban Canopy ranges from 19.2% (Navajo Co) to 3.1% (Mohave Co)
 - Maricopa Co – 6.8%
 - Pima Co – 8.5%

County	Estimated % Urban Canopy Cover	Population 1990	Population 2000	Population 2010
APACHE	7.3	61591	69423	71518
COCHISE	3.6	97624	117755	131346
COCONINO	17.3	96591	116320	134421
GILA	10.6	40216	51335	53597
GRAHAM	5	26554	33489	37220
GREENLEE	3.2	8008	8547	8437
LA PAZ	4.9	13844	19715	20489
MARICOPA	6.8	2122101	3072149	3817117
MOHAVE	3.1	93497	155032	200186
NAVAJO	19.2	77658	97470	107449
PIMA	8.5	666880	843746	980263
PINAL	5.4	116379	179727	375770
SANTA CRUZ	8.8	29676	38381	47420
YAVAPAI	10.2	107714	167517	211033
YUMA	3.8	106895	160026	195751



COMMUNITY SELECTION

- General criteria
 1. At least one per county
 2. County Seat
 3. Largest population center
 4. Incorporated
- UFRI Pilot communities
- Communities with Tree City USA status

COMMUNITY DATA

- Incorporated areas and Census data (some special cases)
- 97 communities complete 😊
- Data available online for immediate download
(<https://azsf.az.gov/azutm/resources>)

SAMPLE COMMUNITY DATA

Community Name	County	Estimated % Urban Canopy Cover	Estimated Urban Canopy Cover in Acres
Avondale	Maricopa	6.80	856.0
Bisbee	Cochise	7.00	139.7
Blythe	La Paz	8.21	36.5
Buckeye	Maricopa	3.00	200.9
Camp Verde	Yavapai	12.00	479.0
Casa Grande	Pinal	5.76	820.3
Chandler	Maricopa	7.50	3109.0
Chinle	Apache	2.75	59.8
Clifton	Greenlee	3.24	70.4
Colorado City	Mohave	4.25	123.2
Coolidge	Pinal	4.76	128.3
Eagar	Apache	10.80	297.7
Flagstaff	Coconino	18.50	4121.1
Florence	Pinal	4.00	74.0
Gilbert	Maricopa	6.80	2939.9
Glendale	Maricopa	7.00	2645.6

GETTING STARTED

- Gather helpful information; Visit our informational booth and talk to us
- Start, continue or finish a tree inventory
- Analyze data and set goals
- Plant trees
- Revisit and revise your plan



QUESTIONS?



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