

This presentation premiered at WaterSmart Innovations

watersmartinnovations.com



Building Capacity through Enduring Partnership



Tucson Water
Conservation Programs

Groundwater Management
Act

Xeriscape
Landscaping and
Screening
Regulations

Cooperative
Extension

Pima SmartScape





Cooperative Extension

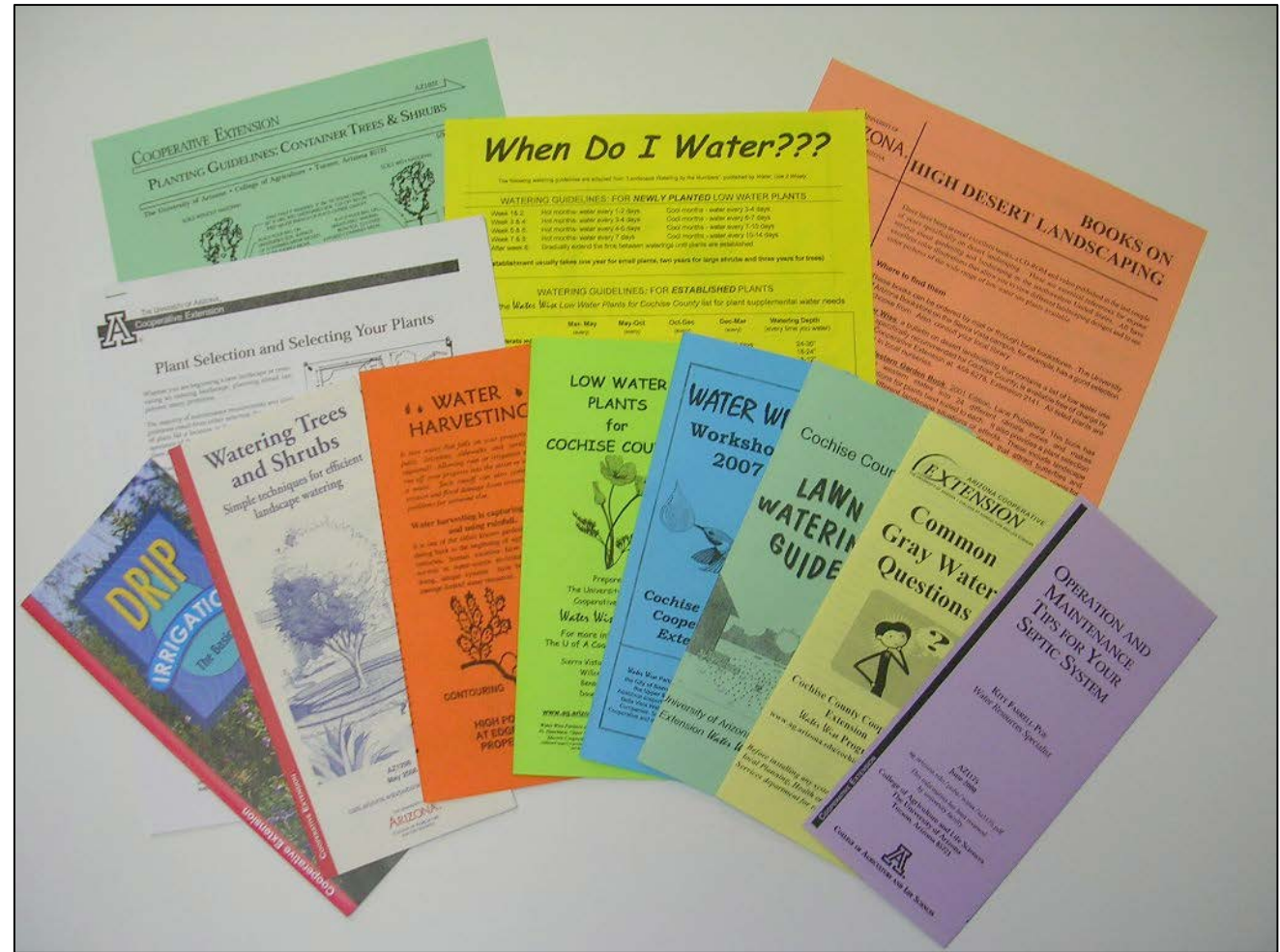
- Improve People's Lives through Science and Research

Tucson Water

- Water Reliability in a Desert Community

Community Partners





• "make science useful"





- “bring people together in local communities to solve local problems”



Program Planning



Impacts: Social, Economy, Environment



Education



Pima SmartScape Efficient Irrigation

Professional



Residential



Pima SmartScape Sustainable Landscapes

Multi-Family



Municipal



Professional Classes



Residential Classes



History

Search:

- Today
- Last 7 days
- August



Calendar

Posterboard Categories

SEPTEMBER – DECEMBER 2015

Turf Irrigation Management – Fall, 2015 @ Karsten Turfgrass Research Center SEP 24

Thursday @ 7:30 am – 12:00 pm

The Fall Class focuses on overseeding with rye, mowing, fertilization and weed control. Also includes the basic biology of turfgrass, turfgrass I.D. tips, environmental and [...]

ADDITIONAL (PROFESSIONAL)

Rainwater Harvesting Incentives Rebate Program – THIS DATE IS FULL @ UA/Pima County Cooperative Extension SEP 26

Saturday @ 9:00 am – 12:00 pm

Join Rainwater Harvesting professional, Lincoln Perino, for a close look at sensible, water-smart (and wallet-smart) rainwater harvesting systems for the home landscape. This informative workshop [...]

REBATE CLASSES

Irrigation Part 2 – Controllers & Scheduling @ UA/Pima County Cooperative Extension SEP 26

Saturday @ 9:30 am – 11:30 am

Irrigation Controllers and Scheduling – Do you know how to: * Use your drip irrigation system correctly? * Determine your landscape's watering needs? * Create [...]

ADDITIONAL (HOMEOWNER)

Gray Water Rebate Program @ UA/Pima County Cooperative Extension SEP 26

Saturday @ 1:00 pm – 3:00 pm

Did you know that 1/3 of typical household waste water can be re-used as gray water for landscape plants? If you'd like to participate in [...]

REBATE CLASSES

Smartscape Español-Orientación/Plantas Suelos y Agua @ UA/Pima County Cooperative Extension OCT 1

Thursday @ 3:00 pm – 6:00 pm

Esta clase es la base para entender la relación entre plantas, suelos y agua y es el cimiento para el curso de Smartscape Profesional Series [...]

Smartscape Español-Irrigación y Controles (relojes) @ UA/Pima County Cooperative Extension OCT 6

Thursday @ 9:00 am – 12:00 pm

Pro Training Module – Creating and Maintaining Healthy Landscapes – Oct. 3, 17 & 31 @ UA Pima County Cooperative Extension OCT 3

Thursday @ 9:00 am – 12:00 pm

Hands-On Landscape Design Series (3-Part Series) – Sept. 30, Oct. 14, Oct. 28 @ UA/Pima County Cooperative Extension SEP 30

Wednesday @ 9:00 am – 12:00 pm

Do you want to design or renovate your landscape? Need some direction about how to start the process or information about plants and

Hands-On Landscape Design Series (3-Part Series) – Sept. 30, Oct. 14, Oct. 28



Landscape Plant Palette



Native and Desert-Adapted Species



Stormwater Capture



Rainwater Harvesting



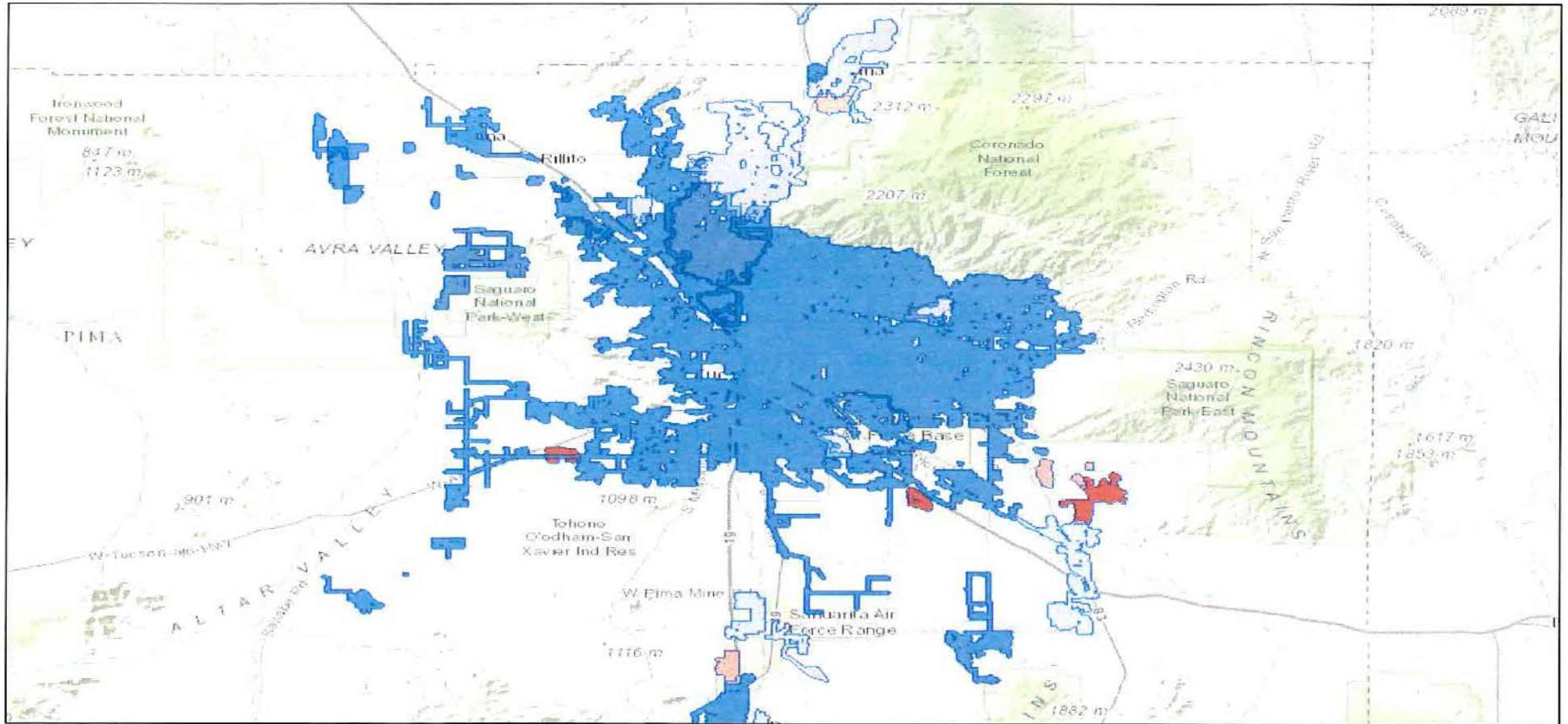
Photo by: Kathryn Hahne



Landscape Maintenance Practices



Declining Water Use



September 15, 2015

Percent Change

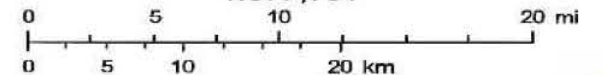
- 5 percent or more decrease
- 0 to 4.9 percent decrease

- .1 to 4.9 percent increase
- 5 percent or more increase

Monthly CCFs per Capita

- 1 to 3.9
- > 4 to 6.2
- > 6.3 to 12.7

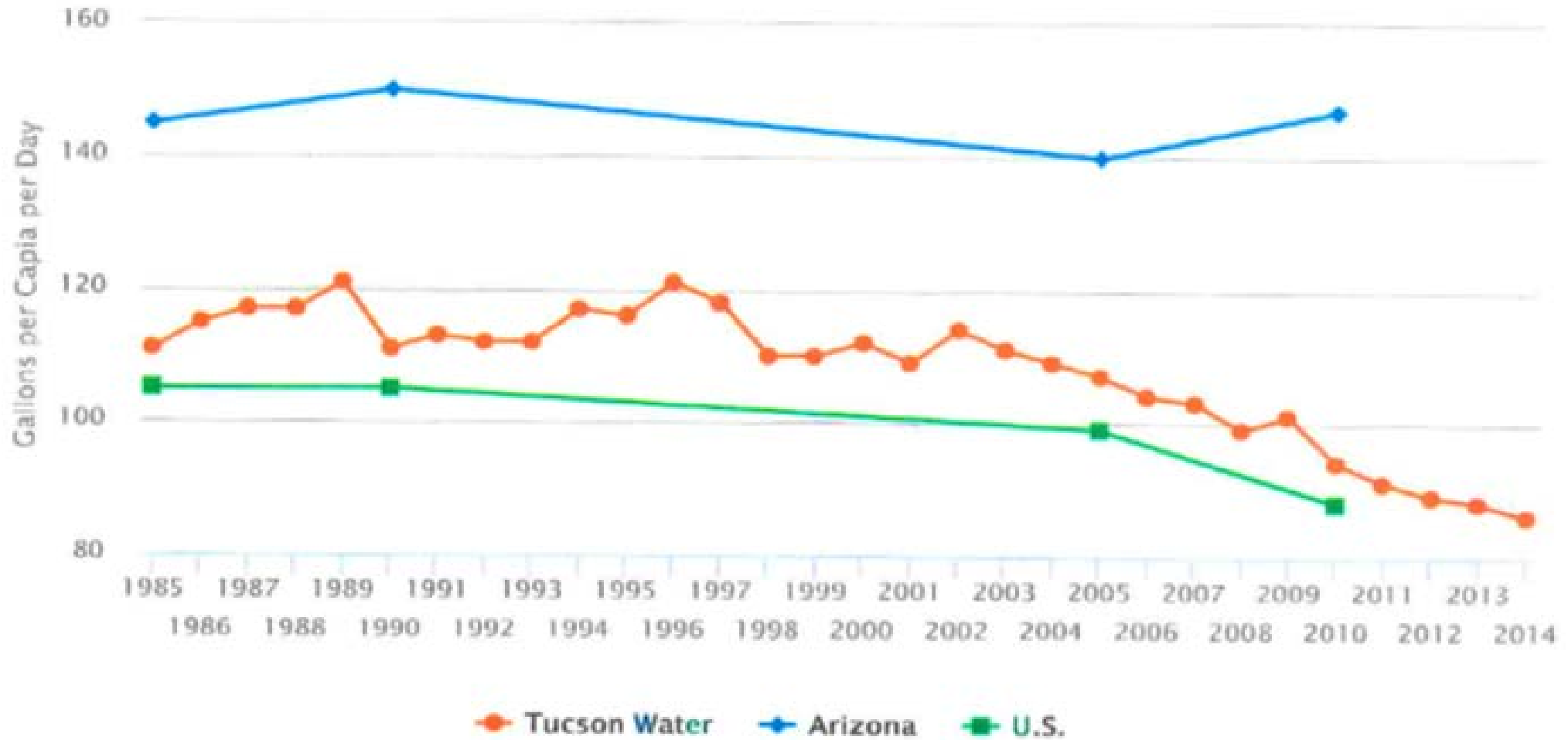
1:577,791



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey



Residential Water Use





**COLLEGE OF AGRICULTURE
AND LIFE SCIENCES**

COOPERATIVE EXTENSION
Pima County – SmartScape Program

Kathryn Hahne
khahne@ag.arizona.edu
520-626-5161

pimasmartscape.org



Enduring Partners... Long-term Benefits