# Success of Water Conservation Actions in Arizona

Jessie K. Pearl Freshwater Scientist



# **2030 GOALS**

# 1 million km of river &

# **30** million ha of lakes and wetlands

PROTECTED, IMPROVED MANAGEMENT OR AVOIDED CONVERSION

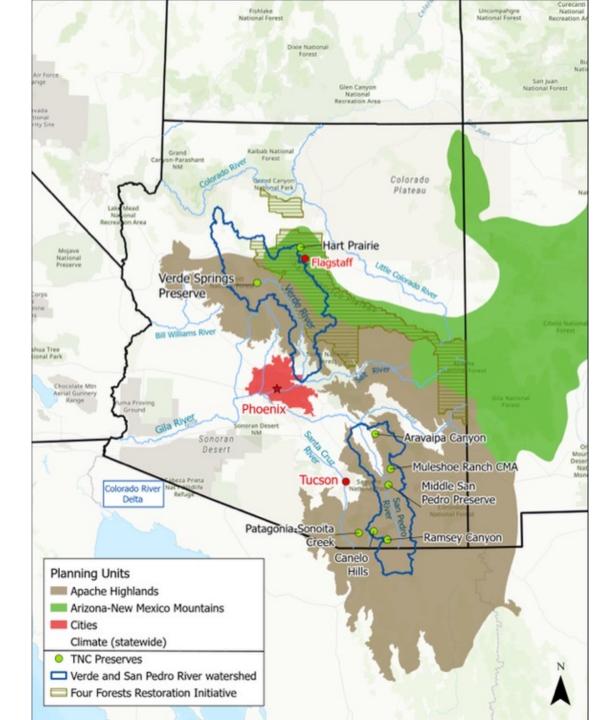
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## AZ TNC water conservation actions are diverse and far-reaching

Forest management and snow science in AZ river headwaters (including the Colorado River)

Widescale agriculture partnerships and conservation actions to switch crops, improve infrastructure, and implement water-use efficiencies

Supporting effluent recharge and stormwater runoff projects, groundwater protections

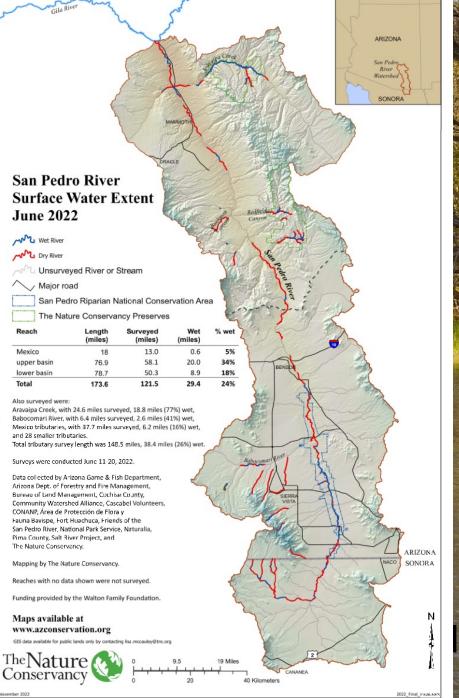


# How do we measure if we are successful?

# How do we leverage our actions for the most impact?

Our major in-state rivers are groundwater-fed





Wet River M Dry River

Reach

Mexico

Total

upper basin

lower basin

Also surveyed were:

# indwater-fed

# Success Stories

Low-Water Use Agriculture

Native Grass Hay Production for Multiple Benefits at the Cobra Ranch





Aravaipa Groundwater Seep

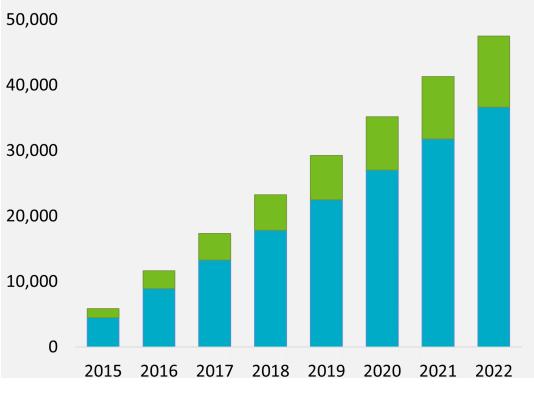
# Success Stories

Verde River

# Success Stories

## **Cumulative Water Benefits (acre-feet)**

Recharge + Retired Pumping
Precluded Pumping



Cochise Conservation and Recharge Network



# What are the best options when we inherit 50+ year old hard infrastructure?

azconservation.org jessie.pearl@tnc.org @swampmonstah