Thank you for joining us!

Webinar Topic:

System Conservation & Excess Water 101

Presented By:

Kevin Moran – *Senior Director of the Environmental Defense Fund's Colorado River Program*

Amy McCoy – Director of AMP Insights

Reducing Lower Basin Shortage Risk *and* Increasing Resilience in Arizona

November 29, 2017

Kevin Moran
Senior Director, Western Water
EDF ENVIRONMENTAL DEFENSE FUND
Finding the ways that work

Amy McCoy, Director
AMP Insights

Steps Towards Arizona Resiliency

Partnerships

Vision

Projects

Partnerships

Partnering Organizations in the “Network”

Audubon ARIZONA

WESTERN RESOURCE ADVOCATES

PROTECTING THE WEST'S LAND, AIR & WATER

EDF ENVIRONMENTAL DEFENSE FUND

Finding the ways that work

American Rivers

Rivers Connect Us®

Resonant Messaging

Our water supplies are like a bank account, from which we are withdrawing more than we deposit. If our state doesn't act responsibly and take action now, future generations could see our rivers run dry.

Diminishing groundwater supplies are a major problem throughout the state of Arizona. Right now, we have no idea how much groundwater is actually being withdrawn across the state. We must develop plans to manage our groundwater, so that we don't run out.

It is essential to maintain secure water supplies for cities, farms and ranches, businesses as well as wildlife habitat needs. If we don't do something to protect our natural river corridors, it will negatively impact our State's outdoor recreation and hunting.

Vision

Vision for Arizona Resilience

No Shortage

?

How to adapt with:

agility
equity
flexibility
creativity
resiliency
sustainability

Shortage Management Conditions

Consequences of Inaction

Consequences Within Arizona

Increased Groundwater Pumping

Diminished Groundwater Management Act

Destabilized Economy

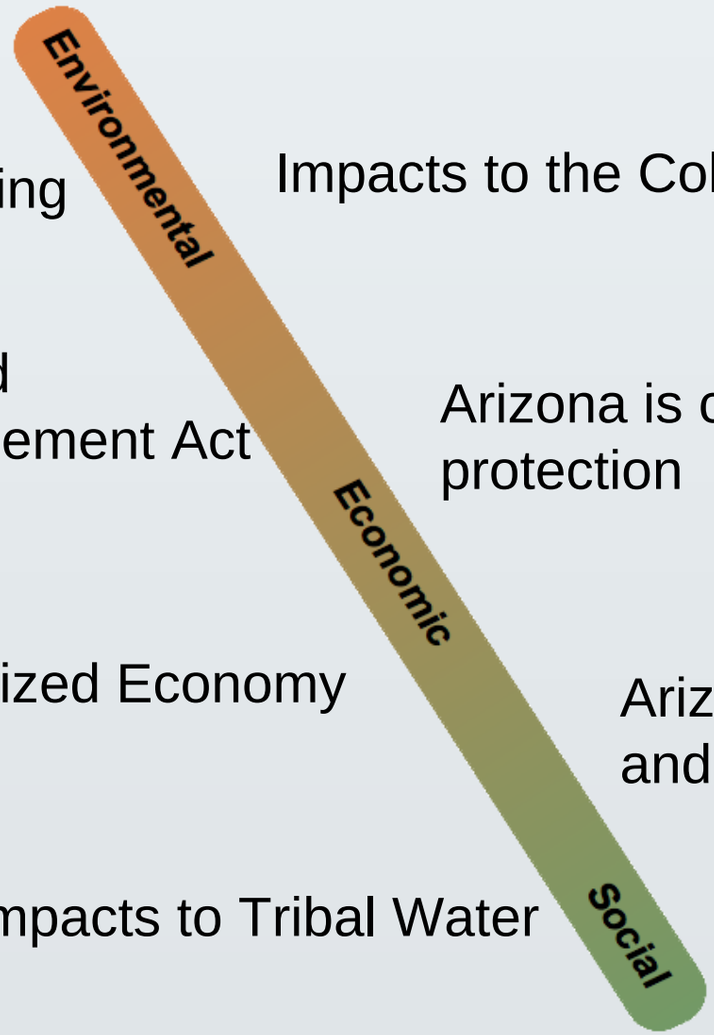
Impacts to Tribal Water

Consequences Within the Lower Basin

Impacts to the Colorado River Delta

Arizona is central to Lake Mead protection

Arizona is linked to other state and international agreements



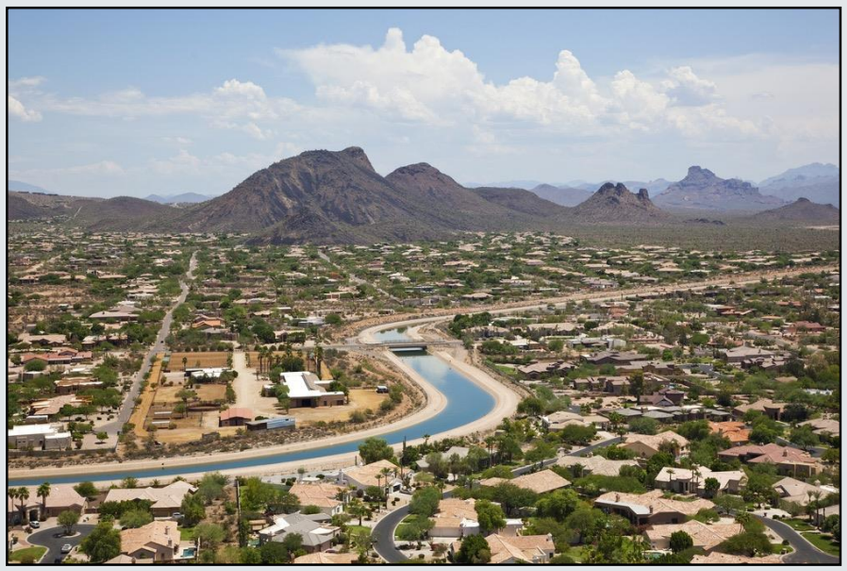
Policies and Actions to Support Arizona Resilience

Imperatives

Minimize Unsustainable Groundwater Pumping

Enable All Users to Participate in Stabilizing Lake Mead and Protecting Supplies

Create Options for All Water Users to Prepare for Future Shortages



Policy Reform

Support both Funding for and Participation in System Conservation Program

Facilitate Capacity to Trade Among all Water Supply Assets

Develop an Arizona Water Bank Recovery Plan that Enables Collaborative Planning

Legislative Priorities

1. State legislation to authorize ADWR to conclude a Lower Basin DCP agreement;

2. Establishing an on-going system conservation program to conserve water in Lake Mead;

3. Creating a program whereby Arizona Tribes could decide to store part of their Colorado River water in Lake Mead for later use;

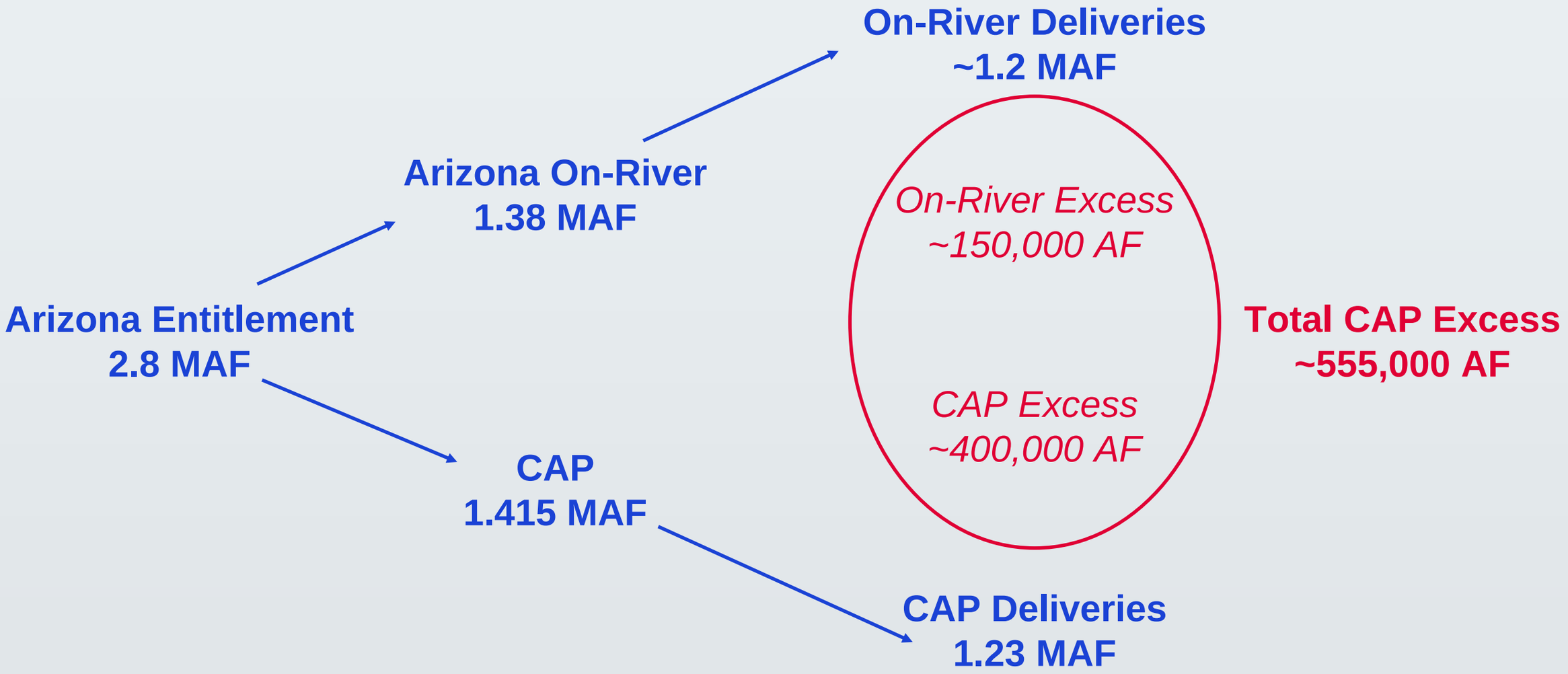
4. Developing an Arizona DCP Plus Plan whereby Arizona water users agree to conserve water and other practices that allow the state to successfully implement the DCP agreement;

5. Improving and funding plans to recover water stored in the Arizona Water Bank; and

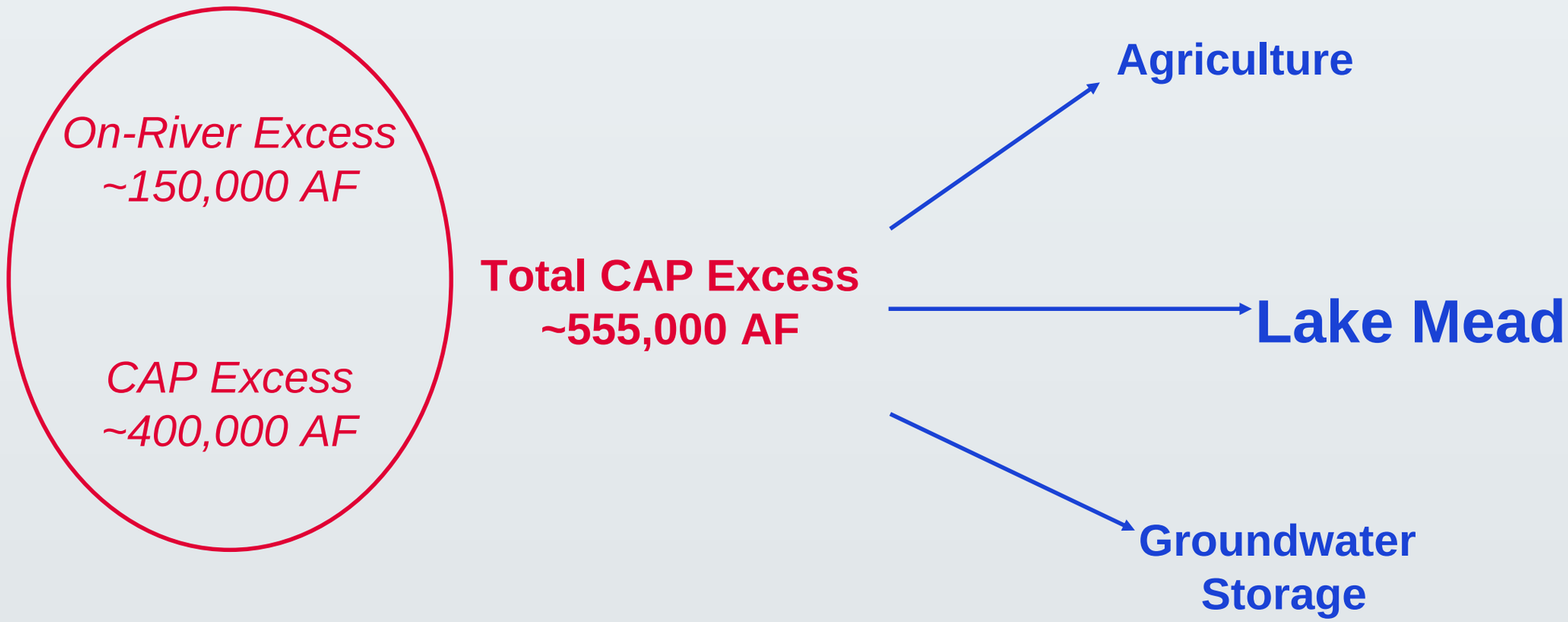
6. Requiring all non-exempt wells outside of Active Management Areas and Irrigation non-Expansion Areas to measure and report on groundwater pumping.

Projects

Arizona's "Resiliency" Water



Arizona's "Resiliency" Water



On-Going System Conservation

New round of System Conservation Pilot Program projects

Coordinate AZ Colorado River Conservation Program w/other efforts

Future structure of System Conservation:

- ID on-going funding (open to add’l public, private and philanthropic sources)
- Criteria for projects, shortage risk reduction goals
- Stakeholder participation in governance
- Standards for certifying reduced consumptive use

GRIC System Conservation Agreement

$6 million from BOR, State of AZ, City of Phoenix, and Walton Family Foundation

GRIC forbears delivery and consumptive use of 40,000 AF of GRIC's 2017 CAP water entitlement

CAP supports implementation by Board action to reduce 2017 water order

Precedent for additional Lower Basin system conservation

Mountains of music swell in the rivers, hills of music billow in the creeks, and meadows of music murmur in the rills that ripple over the rocks... All this is the music of waters.

~ John Wesley Powell ~

Thank you!

EDF ENVIRONMENTAL DEFENSE FUND™

Finding the ways that work

AMP Insights

Audubon ARIZONA
WESTERN RIVERS ACTION NETWORK

YouTube Search SIGN IN

Audubon Arizona
5 subscribers

SUBSCRIBE

HOME

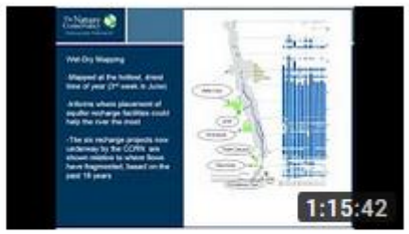
Uploads PLAY ALL

WRAN Webinar: The Ecosystem Response to

123 views • 1 month ago

WRAN Webinar: Keeping Beer and Rivers Flowing – how

27 views • 1 month ago

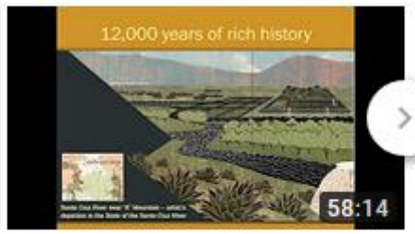


Cochise County Recharge Network Overview

20 views • 4 months ago

WRAN Webinar: Recycled Water and the Governor's

16 views • 6 months ago



WRAN Webinar: The Santa Cruz River

24 views • 6 months ago

Created playlists

WRAN Webinar Series - Summer 2016: Talking Water

WRAN Webinar Series - Spring 2017: Allocating

http://bit.ly/AudubonAZYouTube

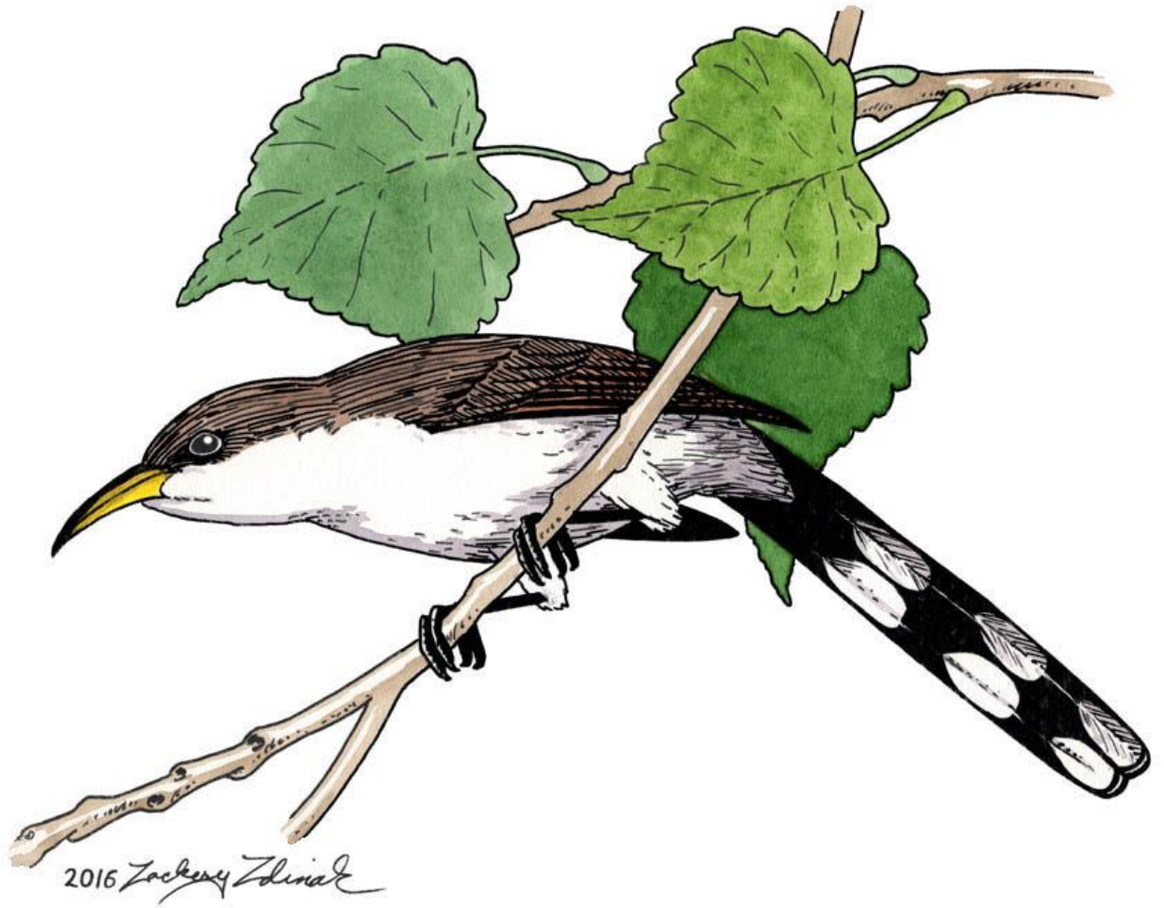
Audubon ARIZONA
WESTERN RIVERS ACTION NETWORK

TAKE ACTION TODAY!

Thank Governor Ducey and the ADWR for singing Arizona onto Minute 323 and ask that they take critically-needed next steps

bit.ly/Minute323_azWRANaction

Audubon ARIZONA
WESTERN RIVERS ACTION NETWORK



Join WRAN:
http://bit.ly/JoinWRAN

Past Webinars:
bit.ly/AudubonAZYouTube

Action Opportunities:
bit.ly/azWRANaction

Events/Future Webinars:
bit.ly/azWRANevents

Thank you for taking action for Western Rivers!