



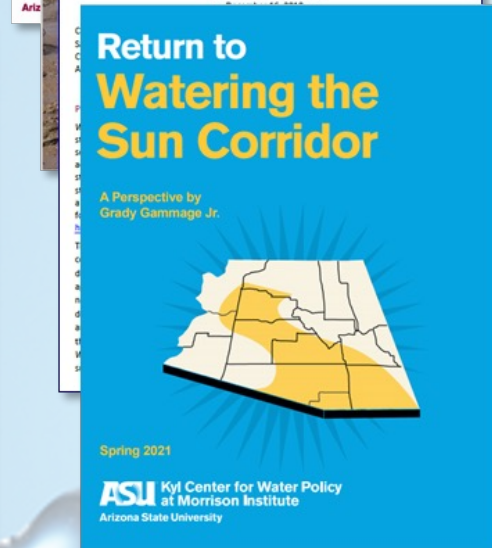
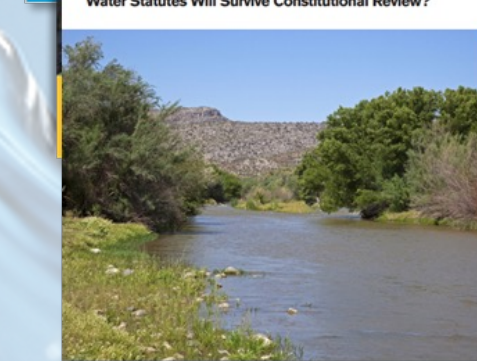
Arizona Town Hall Annual Meeting

June 16, 2023



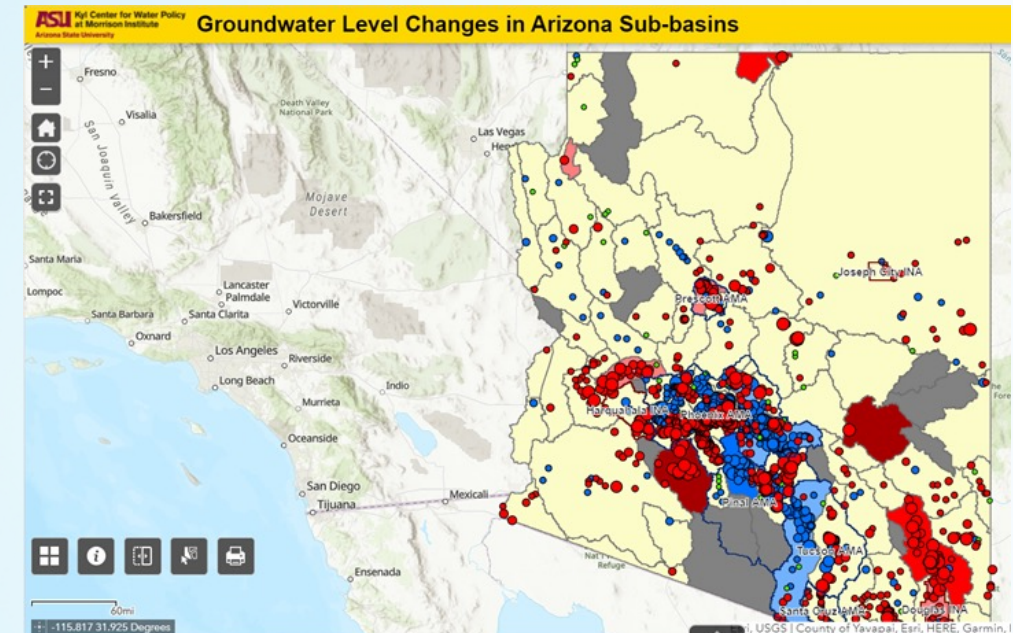
Mission: promote informed public dialogue on critical **water issues in Arizona and the West**

- **non-partisan**
- **research & analysis**
- **historical understanding**



Arizona Water Blueprint

azwaterblueprint.asu.edu



A dynamic background image showing a large splash of water with many bubbles and droplets, set against a light blue gradient. The water appears to be falling from the top, creating a sense of movement and freshness.

**Is water important
for the future of the
state?**

The consensus: a secure water supply is vital for a thriving Arizona

“ The 2020 Gallup Arizona Survey asked Arizonans to select the . . . issues they consider to be most important for improving Arizona’s future. A secure water supply was among the top five priorities.

– Center for the Future of Arizona

The Arizona We Want: The Decade Ahead

Arizona faces complex water challenges



Megadrought

As a result of long-term drought and aridification there is significantly less renewable surface water available, and higher temperatures are creating a “hot megadrought” in the Colorado River basin, which has now reached a **crisis point**.



Climate

Climate impacts include higher temperatures, more extreme heat, declines in ground- and surface water supplies, and more unpredictable precipitation.



Groundwater

In basins throughout Arizona, especially rural areas, non-renewable groundwater is used to support growth for communities and large agricultural operations, but progress on policy solutions is stalled.



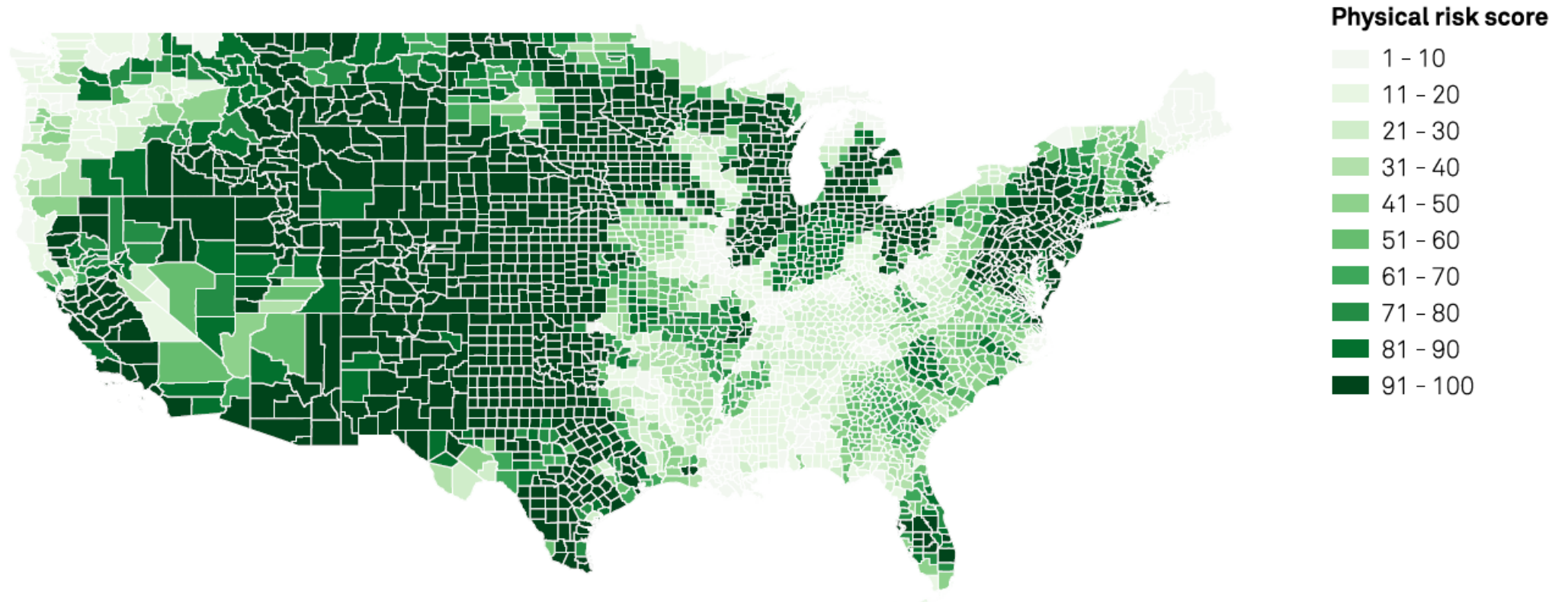
Uncertainty

Lack of certainty about current and future water supplies undermines public confidence, threatens economic development, impacts budgets and finance, and hampers effective decision-making about investments in water.

Wall Street is Watching

Water Stress Scores Across The United States Under RCP8.5 In 2050

1=lowest risk, 100=highest risk



S&P Global Ratings and Trucost (2020)

CLIMATE

CLIMATE CORNER

Water Stress Strikes Developers

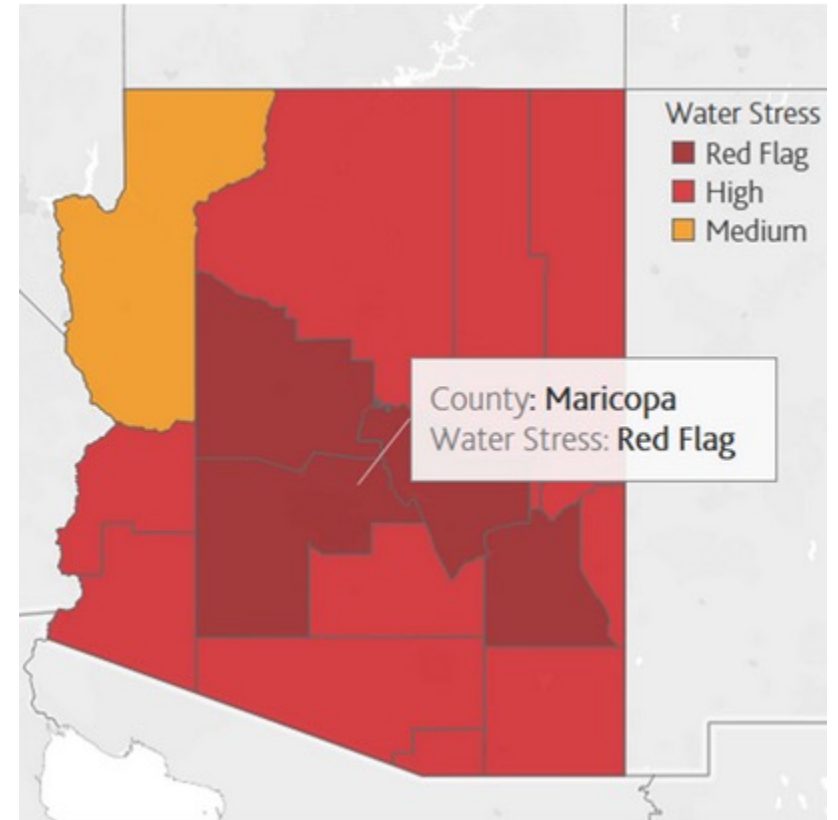
JUNE 6, 2023 • AN ANALYSIS BY NATALIE AMBROSIO PREUDHOMME



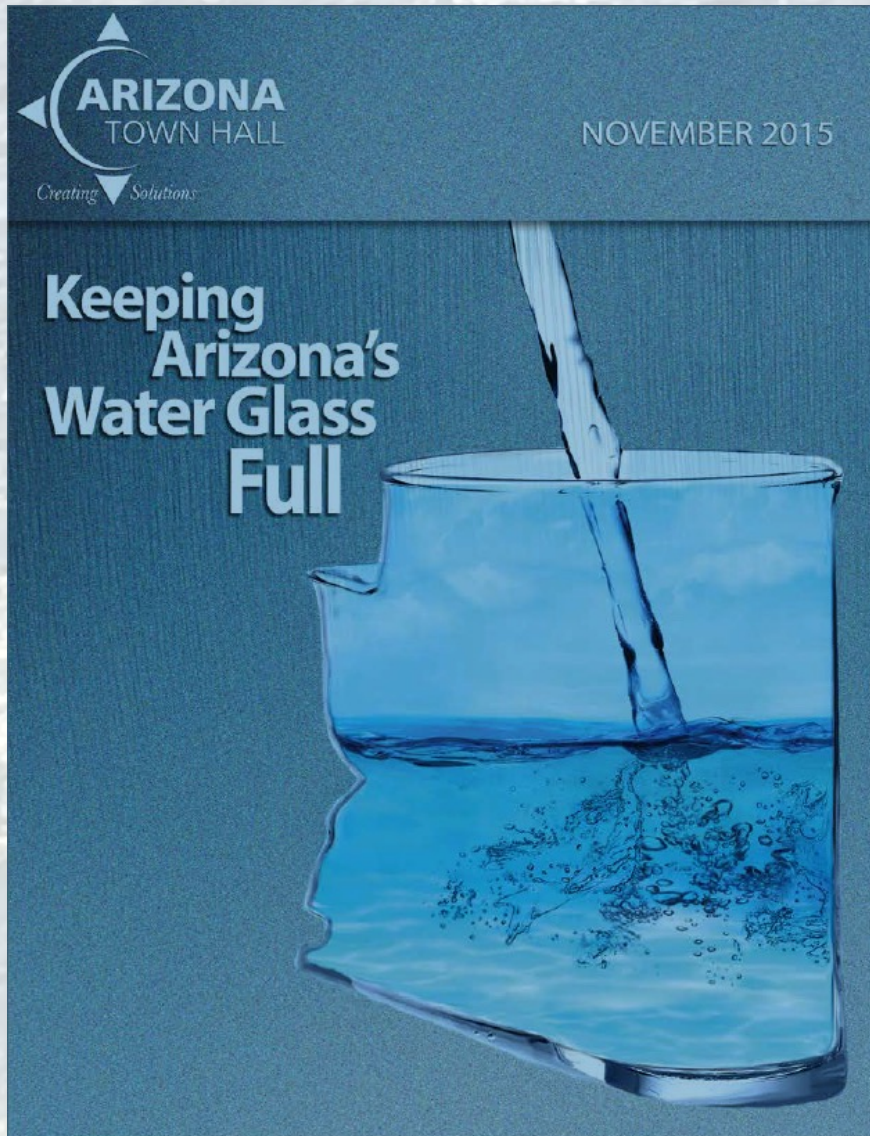
[Last week Arizona placed limits on housing development around Phoenix due to a groundwater shortage.](#)

While approved projects will be allowed to go forward a new groundwater study by Arizona determined there's not enough groundwater for all of these already approved developments. This means they'll be relying on conservation and alternative sources and will be reducing new development.

New homes relying on wells will no longer receive permits in some parts of Maricopa County. While growth will continue in the near-term in big cities like Phoenix, Scottsdale and Mesa because they get their development plans approved every 10-15 years, in the longer term, the cities won't get approved for new homes relying on groundwater.



**Will a Town Hall
on water have a
significant
impact?**



NOVEMBER 2015

Keeping
Arizona's
Water Glass
Full

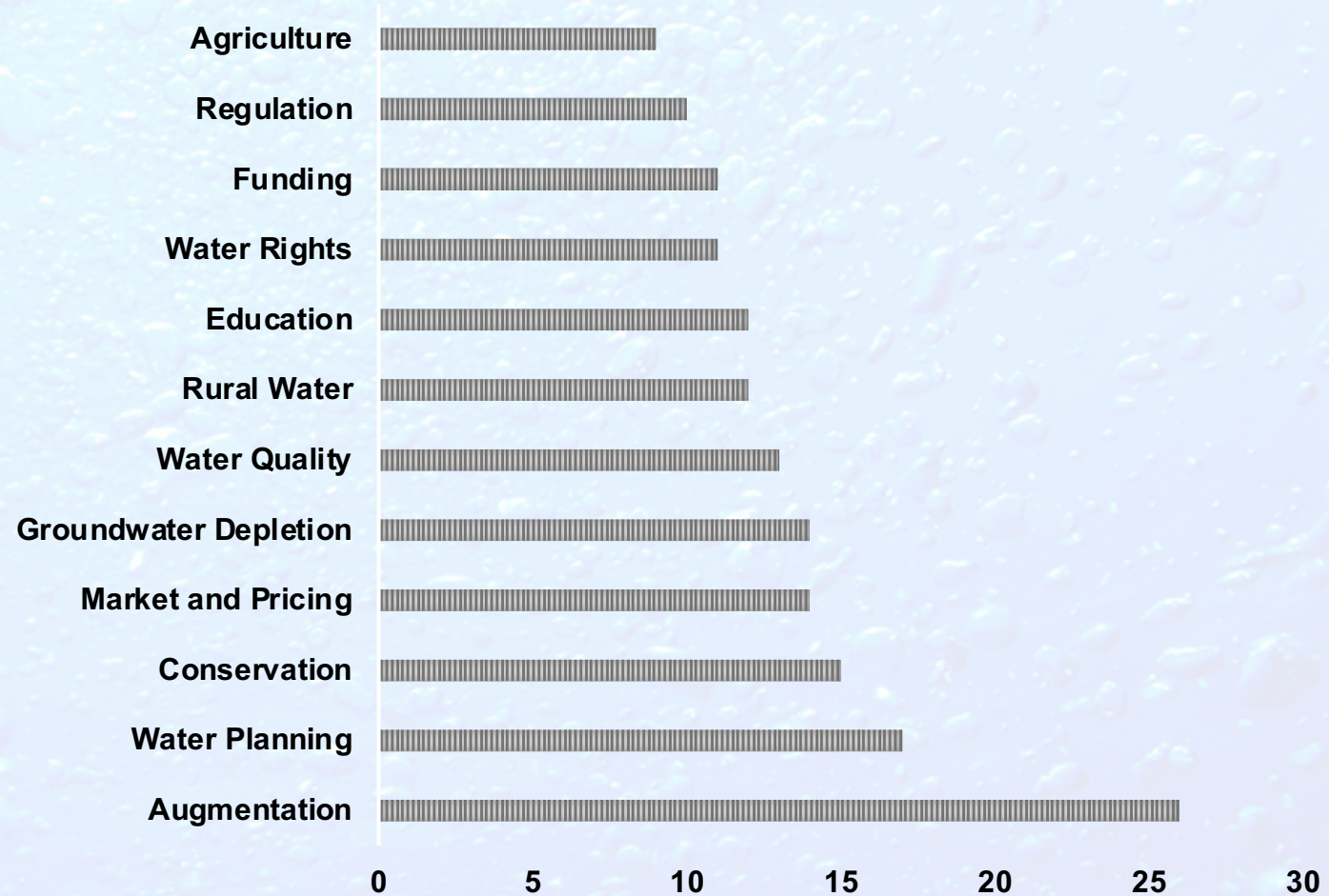


2015 Recommendations

- Advance state water plan
- Create financing mechanisms
- Increase ADWR's funding
- Educate & raise public awareness
- Increase conservation
- Streamline adjudications

Year	#	Town Hall
1964	4	Arizona's Water Supply
1977	31	Arizona Water – Management of Scarcity
1985	47	Managing Water Quality in a Water Scare State
1997	71	Ensuring Arizona's Water Quantity & Quality into the 21 st Century
2004	85	Arizona's Water Future – Challenges & Opportunities
2015	107	Keeping Arizona's Water Glass Full

PAST RECOMMENDATIONS



**The moniker
applied to Arizona
water experts.**





A light blue background with a dynamic water splash effect. The splash originates from the bottom left corner, moving upwards and to the right, creating a series of droplets and a flowing ribbon of water. Several small, isolated droplets are scattered across the background, particularly in the upper left and lower right areas.

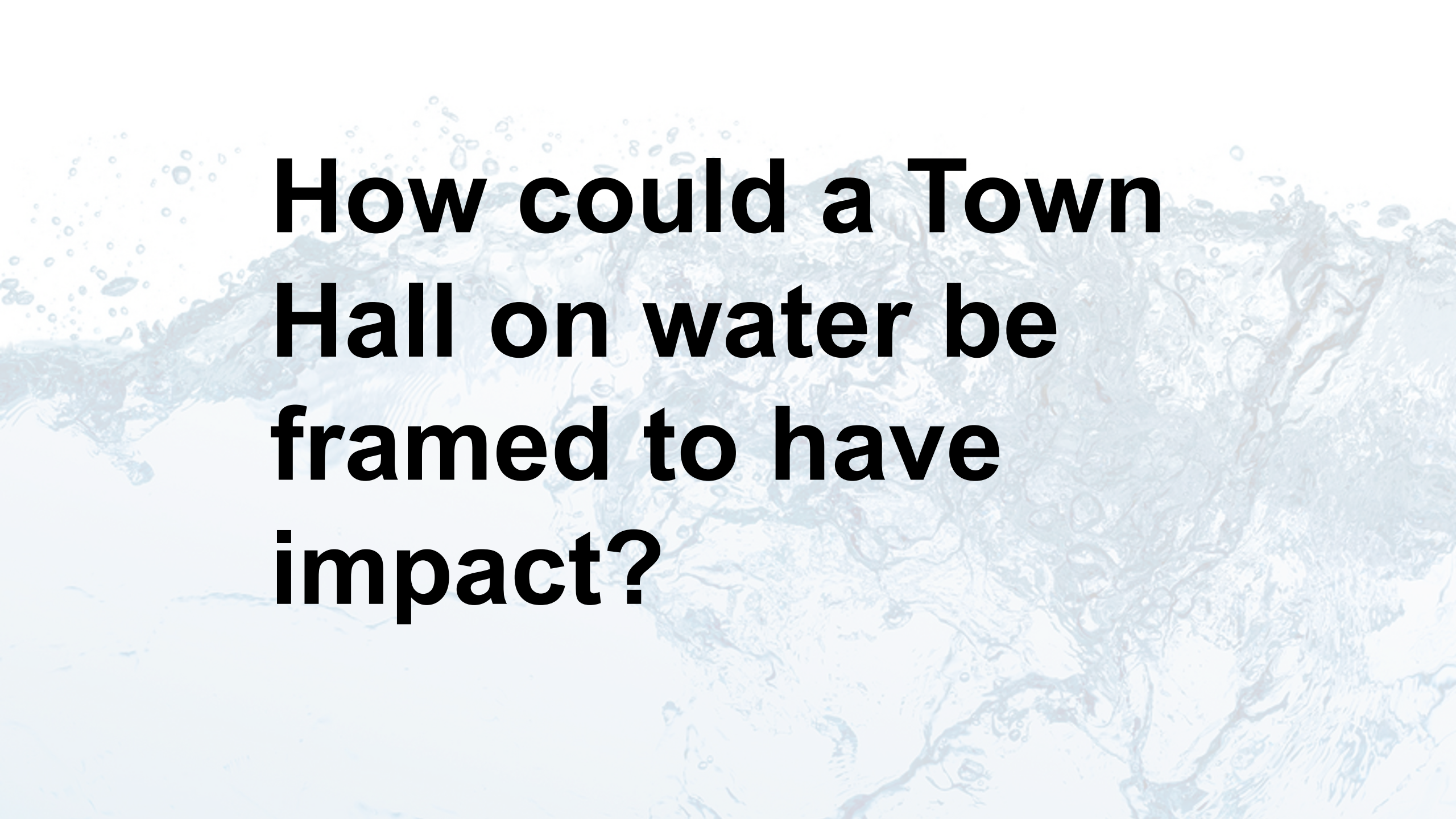
**Has the topic been
recently covered
elsewhere?**

Some of the current Arizona water convenings

- **Governor's Water Council**
- **Arizona Reconsultation Committee**
- **ADEQ Surface Water Protection Planning**
- **ACC Water Task Force**

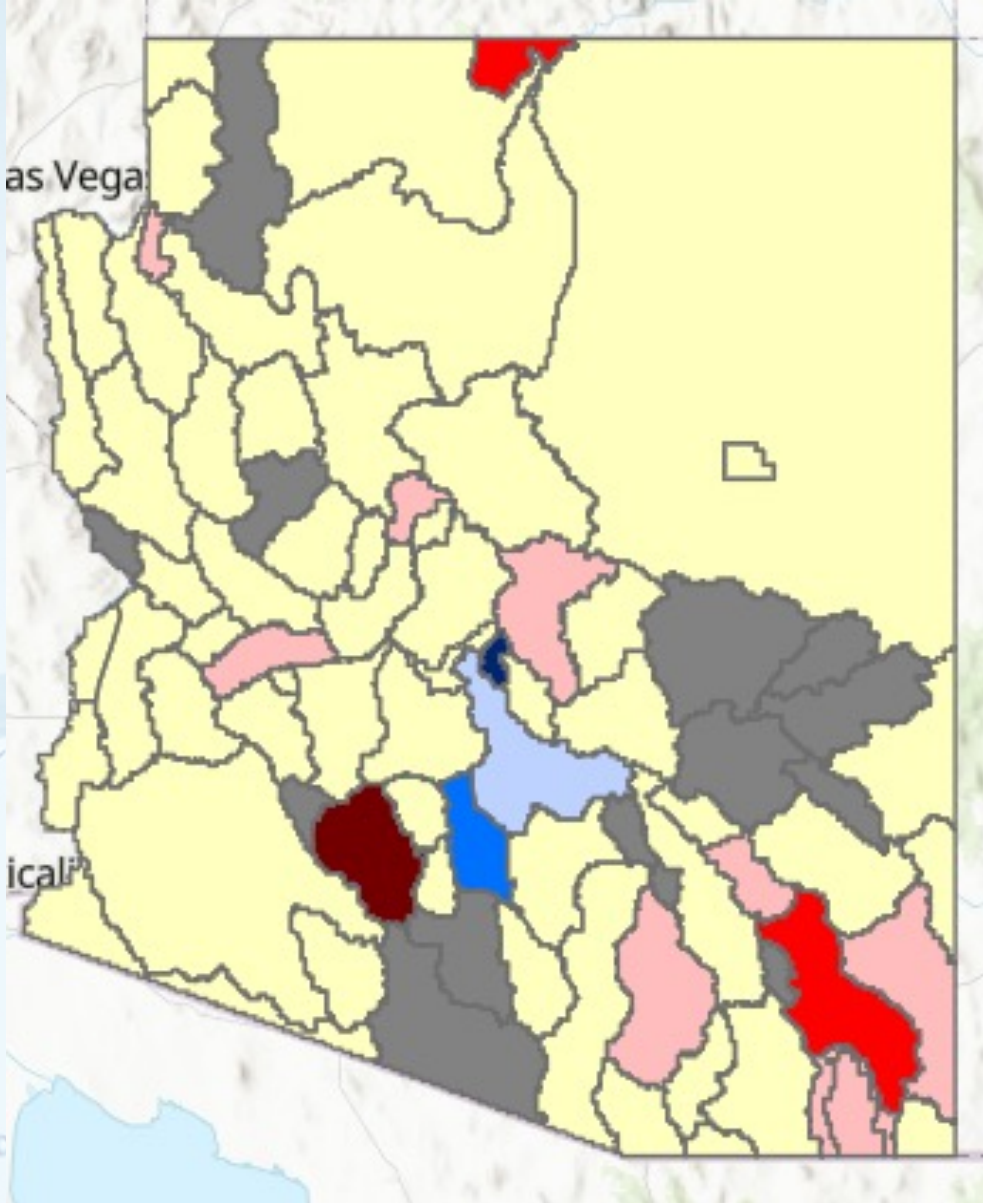
Some of the recent past Arizona water convenings

- **Governor's Water Augmentation, Innovation & Conservation Council**
- **ADWR 5th AMA Plans Meetings**

The background of the slide features a dynamic, artistic depiction of water splashes and bubbles. The water is rendered in various shades of light blue and white, with intricate patterns of ripples and air bubbles visible throughout the composition. The overall effect is one of movement and freshness.

**How could a Town
Hall on water be
framed to have
impact?**

Rural Groundwater



- Outside of AMAs and INAs, there is no limit to well drilling
- Groundwater is over 75% of the water supply in 31 Arizona basins
- 40 basins rely on groundwater for over 50% of their water supply
- 36 basins are projected to have a water supply deficit by 2110

Water & Arizona Agriculture

Agriculture's water sustainability depends on the source of supply

Pressure to re-allocate renewable water supplies from agriculture will not diminish

Water augmentation projects probably won't result in affordable supplies for agriculture

A dynamic splash of water in shades of blue and white, moving from the top left towards the right, creating a sense of motion and freshness.

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ASU[®] **Kyl Center for Water Policy**
at Morrison Institute

Arizona State University