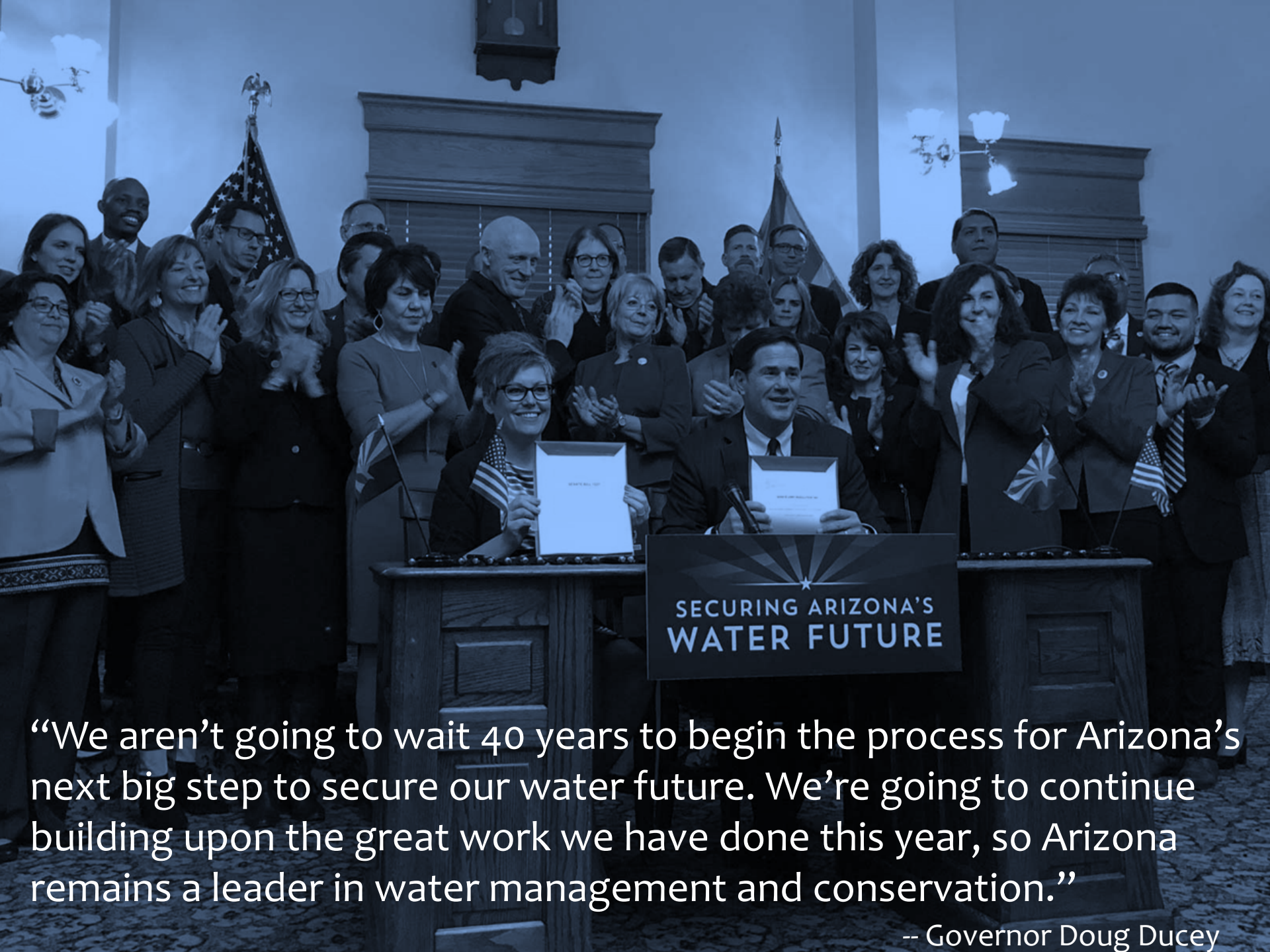


***Governor's Water Augmentation, Innovation
and Conservation Council
NGA Water-Energy Nexus Learning Lab***



*Carol M. Ward, Deputy Assistant Director
Arizona Department of Water Resources
September 1, 2020*



“We aren’t going to wait 40 years to begin the process for Arizona’s next big step to secure our water future. We’re going to continue building upon the great work we have done this year, so Arizona remains a leader in water management and conservation.”

-- Governor Doug Ducey

Structure & Function

- 43 individuals from across the state, appointed by the Governor
- Chaired by the Director of the Arizona Department of Water Resources
- May form committees – open to public
- Committees work to identify and discuss issues and develop, evaluate, and prioritize recommendations for the Council to consider
- Staffing and technical support provided by ADWR
- Meets quarterly



Council Members

Governor's Water Augmentation, Innovation & Conservation Council Current Members

Thomas Buschatzke (Chair)

Basilio Aja	Glenn Hamer	Maria Dadgar	Spencer Kamps
Chris Camacho	Grady Gammage	Mark Smith	Stefanie Smallhouse
Christopher Udall	Doug Dunham	Misael Cabrera	Stephen Q. Miller
Cheryl Lombard	Jamie Kelley	Patrick Graham	Stephen Roe Lewis
Craig Sullivan	Jay Whetten	Philip Townsend	Timothy Thomure
Dave Roberts	John Kmiec	Philip Richards	Ted Cooke
David Brown	Kathleen Ferris	Ronald Doba	Virginia O'Connell
Dennis Patch	Kevin Rogers	Sandra Fabritz	Wade Noble
Edward P. Maxwell	Lisa Atkins	Sarah Porter	Warren Tenney
		Chuck Podolak	William Garfield

Legislators Participating

Council Members Appointed by Executive Order

Representative Rusty Bowers, Speaker of the House	Representative Gail Griffin
Karen Fann, President of the Senate	Senator Sine Kerr
Senator David Bradley, Senate Minority Leader	Senator Lisa Otondo
Representative Charlene Fernandez, House Minority Leader	Senator Victoria Steele

A Forum for Discussion

The Council is a forum for discussion of water issues

- Convenes diverse stakeholders from across the state to discuss what are often difficult, complex issues
- Encourages stakeholders to confront issues and work collaboratively to identify and develop solutions to challenges
- Builds greater understanding among stakeholders



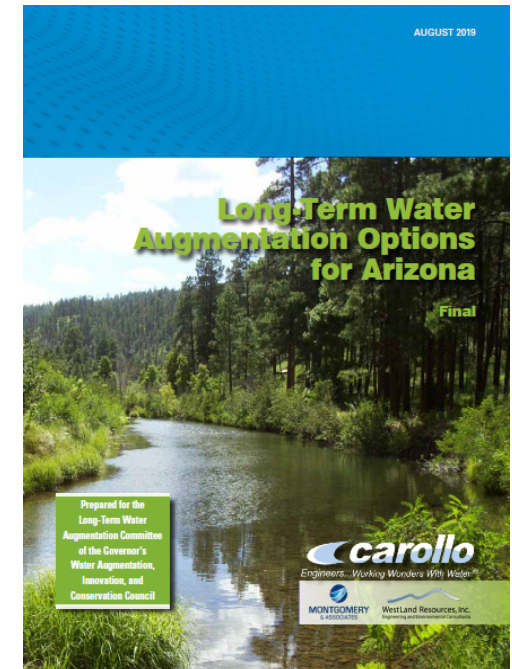
Outcomes – Year One

Recommendations regarding how the Council should proceed:

- Provide direction to the Director of ADWR, upon the Director's request, on any issues that the Director determines may impact water management
- Advocate for continued implementation of water conservation measures and make additional recommendations regarding actions to be taken by ADWR with respect to conservation
- Identify augmentation opportunities, as a means to improve water supply availability to ensure legal certainty for water users and investors

Outcomes

- In 2019, the Council released the report, *Long-Term Augmentation Options for Arizona*, which identifies the augmentation opportunities appropriate to each of the state's 22 planning areas, providing communities a prepared toolbox of solutions tailored to their area.
- Council recommended incremental increases to conservation requirements in the remaining Fourth Management Plans over what would have been essentially the status quo, in response to request from ADWR requesting their input. The Director implemented this recommendation.



Outcomes

- Council recommended statute be amended to allow the underground storage of effluent to qualify for the accrual of long-term storage credits beyond 2025. This was achieved as part of the legislative package that enabled Arizona to enter into the Drought Contingency Plan.
- Council recommended ADWR assist providers outside of AMAs address distribution system water loss control. ADWR partnered with WIFA to implement a two-phased water loss control technical assistance program (TAP) pilot for small and mid-sized utilities. ADWR is currently funding a third phase for large utilities through the Arizona Municipal Water Users Association.



Credit: AMWUA

Post-2025 Active Management Areas Committee

Purpose

identify challenges within Arizona's Active Management Areas (AMAs) and generate strategies and solutions beyond 2025

Activities

- Groundwater Demands, Incidental Recharge & Artificial Replenishment Dashboard
- First three Issue Briefs:
 - Unreplenished Groundwater Withdrawals
 - Exempt Wells
 - Hydrologic Disconnect

Currently under discussion:

- Role of groundwater in the Assured Water Supply program and the Central Arizona Groundwater Replenishment District

Non-AMA Groundwater Committee

Purpose

address groundwater issues outside of Active Management Areas (AMAs)

Topics for Discussion

Groundwater Management Strategies

- “Rural management areas” - alternative to the AMA or Irrigation Non-Expansion Area structures
- Water adequacy requirements
- Well spacing / well impact requirements
- Groundwater transportation basins

Data Needs, Understanding Impacts, Enabling Planning, Identifying Areas of Concern

Best Management Practices and Education

Well Monitoring or Measurement and Reporting



Questions



The Council and committees' agendas, materials, presentations, recordings, summaries, and reports are available on the Council's page on the ADWR website at azwater.gov/gwaicc.



Carol M. Ward

Deputy Assistant Director

cward@azwater.gov

azwater.gov/gwaicc