

CAP AND CLIMATE CHANGE FACT SHEET

WHAT IS CAP DOING ABOUT CLIMATE CHANGE?

And as a cost-of-service water utility, what should we be doing about climate change? There are a number of actions CAP will continue to pursue to adapt to the effects of drought and climate change, protect the Colorado River system and provide a reliable and resilient water supply to central and southern Arizona.

Water Utility Climate Alliance



PROVIDING LEADERSHIP

For 2020 and 2021, CAP is chairing the Water Utility Climate Alliance (WUCA), furthering the organization's mission to collaboratively advance water utilities' climate change adaptation. CAP joins 11 of the largest water utilities in the United States to identify leading practices in climate adaptation. (wucaonline.org)



DEVELOPING CAP'S CLIMATE ADAPTATION PLAN

CAP's Climate Adaptation Plan, published in 2018, focuses directly on our water delivery mission and considers the effects of climate change on CAP's ability to accomplish this mission, beyond the obvious water and power implications.



OPERATIONS: PREVENTING POLLUTION, REDUCING WASTE AND MINIMIZING RESOURCE CONSUMPTION

CAP's employee-led Eco Team has implemented an award-winning recycling, commodity recovery and landfill diversion program. To cut back on emissions, the organization follows a four-day workweek, uses LED lightbulbs at all plants, promotes carpooling and recently added its fleet's first electric vehicle.

**\$1 MILLION
GRANT
FROM NASA
FOR ASU**



CONTRIBUTING TO SCIENCE RESEARCH

Thanks to a \$1 million grant from NASA's Earth Science Division, CAP is working with a team of Arizona State University researchers to study land-use changes and how this, in conjunction with climate change, impacts the Colorado River Basin. This effort focuses on hydrological modeling tools to improve water supply forecasting and decision making for the Basin.



REDUCING CARBON FOOTPRINT OF CAP'S POWER PORTFOLIO

CAP is the largest consumer of electricity in Arizona due to the amount of power it takes to lift water more than 2,900 vertical feet over its 336-mile system. CAP has developed a diversified power portfolio, which includes renewable sources of energy.

"As we move into this next decade, CAP will remain at the forefront of proactive, responsible and innovative climate change adaptation and be a leader in identifying and implementing climate adaptation strategies that support and enhance CAP's water delivery mission."

– **Ted Cooke**, CAP General Manager