

FACT SHEET

CAP and climate change

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

CAP is a member of 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.

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CAP ECOteam

SUSTAINABILITY IN ACTION



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 and championed the use of LED lightbulbs at all plants. To cut back on emissions, the organization follows a four-day workweek, promotes carpooling, and incorporates teleworking.



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.

"Stewardship and Sustainability. Serving as proactive leaders in sustainability and responsible, collaborative stewards of CAP's Colorado River supply."

– CAP Strategic Plan