

Pima County Regional Flood Control District Monthly Brown Bag Series

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Climate Adaptation Planning at the Central Arizona Project

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The Central Arizona Project (CAP) diverts nearly 1.5 million acre-feet annually from the Colorado River and delivers it through a 336 mile long aqueduct to central and southern Arizona. Drought conditions in the Colorado River Basin has put at risk CAP's water supply. Under the continued risk of operating under prolonged drought conditions, CAP has developed a comprehensive climate adaptation plan that identifies critical vulnerabilities and the corresponding robust strategies needed to adapt to future climate change-driven conditions. This adaptation planning process also highlighted which of CAP's business functions (e.g. water operations, engineering, policy planning, etc.) were most and least vulnerable to future climate change impacts and their respective roles in mitigating against these impacts.