

SOUTH FLORIDA WATER MANAGEMENT DISTRICT'S WATER AND CLIMATE RESILIENCE METRICS IMPLEMENTATION: A STATUS UPDATE

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In 2021, the South Florida Water Management District (SFWMD) began characterizing an initial set of Water and Climate Resilience Metrics. These metrics were established to track and document trends and shifts in historical observations for relevant water and climate data. The metrics effort, along with modeled and projected data, and other relevant local and regional information, supports the delineation of current and future climate condition planning scenarios, operational decisions, and resiliency adaptation priorities.

This presentation will provide an introduction of the current set of Water and Climate Resilience Metrics, the analytical approach used to monitor trends, and an overview of significant findings to date. It will also summarize next steps and future efforts.

In addition, the metrics effort includes the dissemination of compiled data and findings. The Resilience Metrics Hub is a user-friendly online platform that provides access to real time data and automated trend analyses, along with technical reports, published annually as part of the South Florida Environmental Report, is instrumental in ensuring the public, our partners, and stakeholders have access to all information, technical analyses, and the latest work products and findings.

PRESENTER BIO: Nicole Cortez is the Resiliency Coordinator at SFWMD, where she leads the District's Water and Climate Metrics effort. She holds a bachelor's degree in environmental science from Florida International University and has over a decade of experience in a variety of environmental programs.