

AN OVERVIEW OF THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT'S AVAILABLE MONITORING DATA AND MAPS

Sandie Will

Southwest Florida Water Management District, Brooksville, FL, USA

The collection of high-quality data is essential for water management decisions today and into the future. At the Southwest Florida Water Management District, the Data Collection Bureau is responsible for providing accurate, cost-effective, and defensible data for use in the management and protection of the state's water resources and related natural systems as well as flood protection. The Data Collection Bureau is comprised of four sections including Geohydrologic Data, Hydrologic Data, Water Quality Monitoring and Mapping/GIS. Staff collect hydrogeologic, hydrologic, water quality, and survey data throughout sixteen counties and disseminate data and reports through an online data portal, web viewers, and other websites.

This informative presentation will provide an understanding of the Data Collection Bureau as well as how to navigate through the District's Water Matters webpage to find available data, maps, and various technical reports to help make informed water resource management decisions. Included will be insights into what types of data and maps are available, how they are collected, and where they are stored. An overview of how data are checked for accuracy and what data governance processes are in place will also be provided. Following this presentation, attendees will gain a clearer understanding of the scientific and geographic data resources available from the District and how to find them.

PRESENTER BIO: Sandie Will is the Data Collection Bureau Chief at the Southwest Florida Water Management District. She has over 25 years of experience in hydrogeology and water resource management, 15 of which have been at the District. She is responsible for the collection of scientific and geographic data, laboratory analyses, mapping services, database management, and report releases.