



US Army Corps
of Engineers
Charleston District

Project Fact Sheet

PAS - Water Use and Demand Study

South Carolina

P2#: 457159

Congressional Districts: Nancy Mace (SC-01)

Appropriation:	Phase:	Business Line:
Investigations	NA	NA

Authority: Section 22, P.L. 93-251

Location Description: Watersheds in the State of South Carolina

Project Description: Water use and demand forecasts for the next 50 years will be an integral part of formulating comprehensive water policy and updating the State Water Plan. An agreement dated May 25, 2016 established a partnership between the Corps, USGS, and SC DNR for a comprehensive water use and demand study for the Savannah River water basin. The follow-on study, agreement dated May 23, 2018, entails developing an overall scope, focusing on stakeholder input, to complete an update to the State Water Plan and will also continue the partnership with USGS to develop groundwater modeling for the State.

Current Status: As of 22 April 2021 - The non-federal sponsor, South Carolina Department of Natural Resources (SCDNR) has led the effort to convene stakeholders in developing methods for water use forecasting, which will aid the state in anticipating water use needs in coming years. SCDNR has teamed with Clemson University and USGS to perform modeling. USACE has provided assistance with workshop planning, stakeholder engagement and technical review of water forecasting methodologies. The final phase of the project, piloting water use projections in the Edisto River basin, was completed in 2020. This PAS project is complete, and will be financially closed out. The SCDNR is communicating with SAC regarding potential future PAS projects to continue planning in additional basins.

Sponsor: South Carolina Department of Natural Resources

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