



March 10, 2023



USGS Researcher Provides Technical Assistance at a Municipal Meeting Regarding Wetland Ecology as it Relates to Potential Green Infrastructure Projects

March 3, WARC Geographer [Richard Day](#) attended a meeting of the Technical Assistance Team hosted by the U.S. Environmental Protection Agency (USEPA) to advise the city of Lafayette, LA in its efforts to incorporate wetland management in its stormwater runoff plan.

Day also briefed participants on work he is doing with the University of Louisiana at Lafayette PREFER Project (Precise Regional Forecasting via Intelligent and Rapid Harnessing of Big Data) to model a large natural forested wetland which functions as a backwater retention area to mitigate flooding of the Vermilion River which flows through the city of Lafayette. The Lafayette Consolidated Government (LCG) was awarded a Technical Assistance Grant from USEPA to build capacity for designing stormwater management projects that incorporate green infrastructure and nature-based solutions. After input from the technical assistance team, the outcome of this effort will be designs for environmentally sound flood and stormwater detention ponds, stormwater wetlands/constructed wetlands, creating habitat for birds and wildlife, and community engagement through shared recreational uses, including the use of walkable trails/paths.

Richard Day (right) meets with the LCG Technical Assistance Team.