The Perdido Watershed Water Quality Improvements and Restoration Assessment Program applies Planning Framework approaches and techniques to support Comprehensive Plan goals and objectives. In support of the primary objective, to *Restore, improve, and protect water resources*, and secondary objective to *Improve science-based decision-making processes*, stressors such as agricultural and silvicultural runoff, septic system effluent, land use conversion and urbanization, and climate change will be addressed using the *Agriculture and forest management* technique, the *Stormwater management* technique, and the *Wastewater system improvements* technique. Success using these techniques to *Restore, improve, and protect water resources* may be tracked using the number of plans developed and the number of studies reported to management as metrics. The number of studies reported to management may also track the success of efforts to *Improve science-based decision-making processes*. The Perdido Watershed plays a critical role in the health of the ecosystem of Southeast Alabama and Northwest Florida. The components of the watershed, including the tributaries, floodplains, bayous, and wetlands of the Perdido provide water quality and quantity protection through healthy floodplains, which store and disperse runoff from storms and recharge aquifers. This program would support the identification of benefits at a scale larger than the individual project level. In addition to the anticipated benefits of improved water quality and habitats, this project could also serve as a model for future restoration assessment efforts on the Gulf Coast.