

# LOW IMPACT DEVELOPMENT BEST MANAGEMENT PRACTICE INVENTORY FOR COASTAL GEORGIA

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Stormwater Low Impact Development Best Management Practices (LID BMPs) are a means of accomplishing integrated water management through mimicking natural hydrology. This approach incorporates both the natural environment and engineered systems to improve water quality, reduce water quantity (i.e. flooding), protect ecosystems, and provide benefits to people and wildlife, and it can be applied at a variety of scales. LID BMPs are science-based strategies, to treat polluted runoff. As part of a Georgia Department of Natural Resources, Coastal Resources Division Coastal Zone Management Administration Award from the National Oceanographic and Atmospheric Administration, Marine Extension and Georgia Sea Grant, along with partners from Ecological Planning Group, the Georgia Department of Natural Resources, Coastal Resources Division, and the Center for Watershed Protection are creating a database for LID best management practices installed in Georgia's 11 coastal counties. The project team is working with local environmental and design professionals, municipal stormwater administrators, and local municipalities to identify these practices and are conducting a field assessment of condition and physical characteristics for the following structural LID practices: bioretention, permeable pavement, green roofs, bioswales, cisterns, and stormwater wetlands. The data collected as part of this project will be used to populate the Georgia LID Atlas and the National LID Atlas. In addition to providing information to assist future LID project development, the inventory is identifying on-the-ground examples to use as demonstration and educational resources for practitioners, local governments, and the water resources community. This presentation will highlight the progress made on the Inventory, as well as some of the initial data trends. To date, there have been approximately 200 LID practices identified in Georgia's 11 coastal counties, and field assessments have been conducted for 25.

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