

# ENVIRONMENTAL ENGINEERING



## FEATURED PROJECT *MURRELLS INLET MARSHWALK*

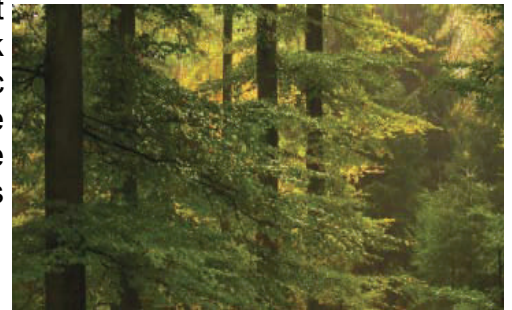
*EARTHWORKS provided land planning, environmental permitting, and structural design services for the Murrells Inlet Marshwalk. The project was completed for Murrells Inlet 2007 & Georgetown County and consists of over one half mile of wooden boardwalk and concrete sidewalks adjacent to the central business district. This project connects seven restaurants and four marinas and has created a beautiful setting to enjoy the natural resources of Murrells Inlet.*

*The project was divided into five phases (the final phase is the fishing pier, to be completed) and each phase was designed and permitted separately. Permits for this project were approved by the Army Corps of Engineers and SCDHEC-OCRM, and the Crazy Sisters Marina required additional water quality certifications from SCDHEC to ensure that the new design would not adversely affect the creek. This public/private partnership created a successful project that combined public access grants, local sales tax funds, and private contributions as a means to effectively construct the project.*

## **EARTHWORKS' Environmental Service**

The EARTHWORKS Group adopts a multidisciplinary approach in addressing our clients' needs. We recognize that although the environmental component may only be a small part of the total project costs, the impact on the bottom line can be enormous. Our aim is to add value to our clients' projects and provide an integrated design that is environmentally sustainable. Our clients utilize our talents to meet their environmental needs under the pressures of ever-shifting regulations and economic restraints. We strive to move complex projects smoothly from assessment to design to completion. Our diversified talent base of scientists, engineers, surveyors, environmental scientists, and project managers offers technical expertise that is widely respected by clients and environmental regulators at all levels.

Our in-house capabilities include analyses of satellite imagery and development of GIS solutions to manage and analyze spatial and temporal project data, quantitative risk modeling, hydrodynamic modeling, and innovative use of cutting edge software tools that enhance analyses of current and cumulative impacts of a project.



We specialize in the following Environmental Services:

- Phase 1 Environmental Site Assessments (ESA)
- Risk Assessments/Risk Management
- ACOE Wetland Delineations
- Threatened & Endangered Species
- Environmental Operational & Compliance Audits
- Environmental Impact Statements (EIS)
- GIS Mapping & Visualization
- Stormwater Pollution Prevention Plans (SWPPP)