

Services

- Natural and Built Environment Strategies
- Feasible Program Alternatives
- Surveys, Data Collection and Mining
- Econometric Modeling and Economic Analysis
- Professional Engineering
- GIS analysis and research
- Cost benefit and regulatory cost analysis
- Statistical Modeling and Analysis

Certified Woman Owned Small Business (WOSB)

Cage Code 4YXL0

Clients

NASA Applied Sciences
NOAA Office of Coastal Management
EPA Climate Ready Estuaries
Florida Department of Agriculture and Consumer Services

Florida Department of Environmental Protection

Florida Department of Transportation
Florida Fish and Wildlife Commission
Florida Governor's Executive Office

Florida Department of Economic Opportunity

Water Management Districts:

Southwest Florida Water Management District, Northwest Florida Water Management District, St Johns River Water Management District

Tampa Bay Estuary Program

Tampa Bay Water

Universities: University of Central Florida, University of South Florida, University of North Florida

Counties: Orange, Highlands, Martin, Clay, Seminole, St. Lucie, FL. Griffin and Spalding Counties, Georgia

International Clients:

State of NSW (Australia) Office of Environment & Heritage

NSW Environmental Protection Agency

State of Victoria (Australia) Department of State Development, Communications

Australian Capital Territory Roads & Environmental Services Directorate



NAICS Codes:

541720*
541330
541910
541990
541618
541620

*WOSB Primary

Expertise

Programmatic evaluation, land use change analysis, natural resource economics.

Coastal resiliency, sea level rise, climate risk analysis, water demand forecasting, hedonic modeling, watershed and water management analysis, social science public policy, infrastructure, o & m optimization, capital works.

Differentiators

- Multidisciplinary firm with both economic and engineering professionals to address complex infrastructure and water issues
- More than half of staff hold advanced degrees
- Global reach-offices in USA and Australia
- Rigorous research, unconventional thinking and collaborative solutions delivered on time and within budget

Past Performance

Coastal Resiliency Cost-Benefit Analysis, Florida Dept. of Economic Opportunity

TBG assessed the impacts of coastal resiliency strategies on economic activity, quality of life, natural resources, and public infrastructure for Martin and Okaloosa counties as comparison counties. Evaluation included the range of engineering-feasible strategies over multiple SLR scenarios for cost-effectiveness, distributional and intergenerational effects, and compatibility with development regulations and comp plans. The resultant report provided governments with guidance for choosing management strategies that best suit the specific community traits.

Lachlan Valley Water Security, New South Wales, Australia

TBG assessed the tradeoffs of multiple infrastructure projects intended to address water security issues in a rural agricultural and mining area. Projects included network optimization up to new dam construction with costs ranging from \$10 million to \$1 billion. Evaluation included the impacts of alternative strategies on economic activity, quality of life, natural resources, and public infrastructure. We also evaluated the range of engineering-feasible strategies over a variety of scenarios for cost-effectiveness and distributional and intergenerational effects. Due to dollar amount of proposed project, all calculations were subject to review by Treasury and withstood scrutiny.