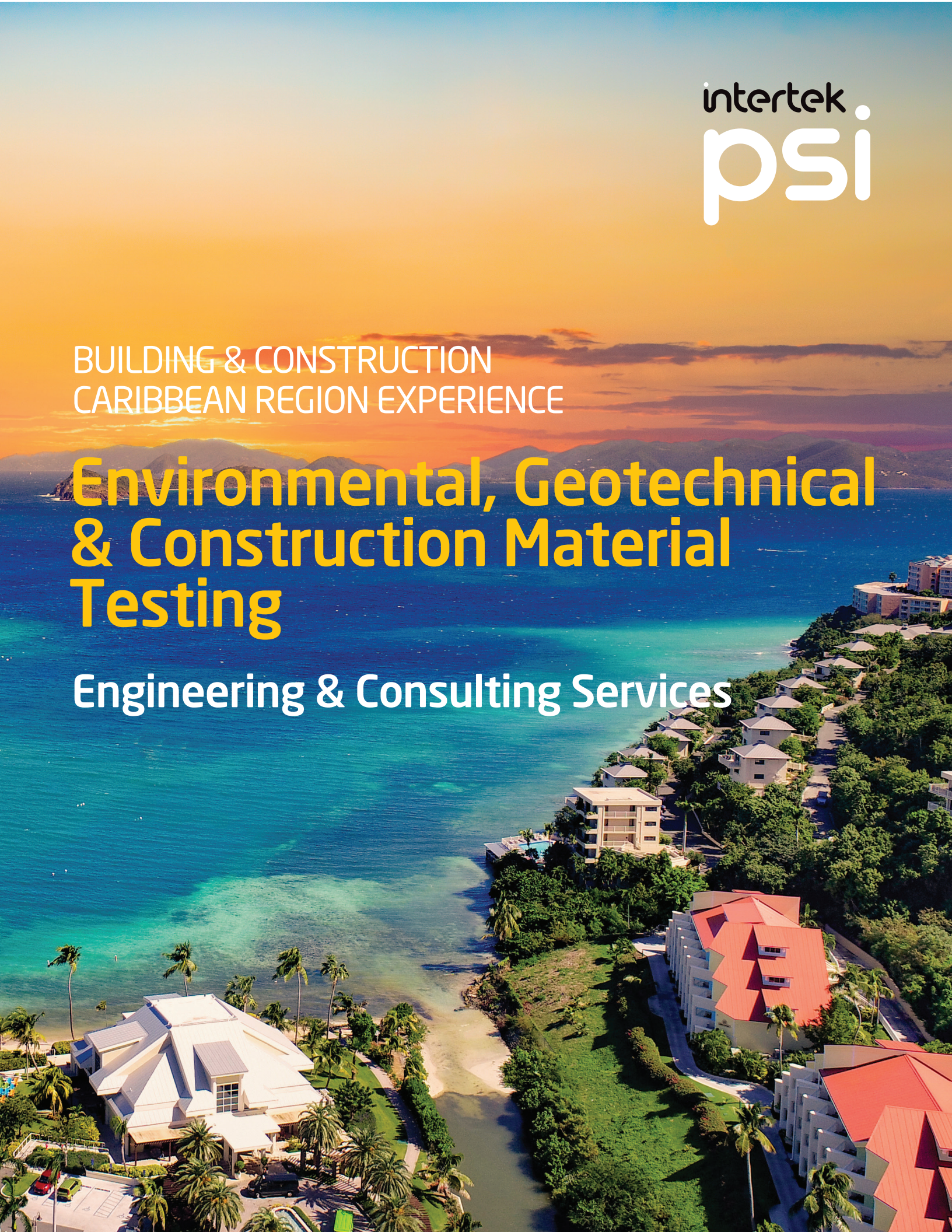




BUILDING & CONSTRUCTION
CARIBBEAN REGION EXPERIENCE

Environmental, Geotechnical & Construction Material Testing

Engineering & Consulting Services





Why Select Intertek-PSI?

Practical Experience

Intertek-PSI provides geotechnical engineering and environmental consulting throughout the Bahamas and Caribbean basin. This expertise is invaluable when addressing the land exploration, project design, industrial hygiene, and resilience needs of the region. Our established track-record of regional performance, our ability to import equipment and our experience navigating various government agencies, ensures you'll receive accurate, timely and reliable information to build on.

Local Response

National Resources

In light of our experience working throughout the Caribbean, we have the local knowledge and the contacts necessary to expedite your project. As well, with 1,800 professionals in 75 locations across the United States, Intertek-PSI has ample resources to call upon should the size or complexity require our collective expertise.

Our Commitment to You

We promise to listen to you and to develop an understanding of your business goals and project objectives. With an open line of communication, we will work together as a team to accomplish your needs on-time. We are committed to do our best to listen, understand, and meet your expectations. It is our goal not only to satisfy, but to delight our clients and to earn your loyalty.



Services

Geotechnical Engineering

- Dynamic Pile Testing (PDA) Services
- Foundation/Specialty Analysis
- Groundwater Monitoring
- Field and Drilling Services
- Due Diligence Site Evaluation

Environmental Consulting

- Industrial Hygiene
- Asbestos and mold surveys
- Lead-based paint surveys
- Phase I Environmental Site Assessments
- Phase II/III Environmental Investigations
- Site Characterization
- Soil and Groundwater Studies
- Remedial Design and Action
- Underground Storage Tank Management
- Sewer System Smoke and Flow Testing
- Regulatory Compliance

Construction Materials Testing & Inspection

- Soils & Foundations
- Concrete & Pavements
- Masonry
- Structural Inspection
- Metals/Welding Inspection
- Roofing
- Specialty Testing

Facilities Services

- Property Condition Assessments
- Roof Design/Consulting/Testing
- QA/QC Services
- Building Envelope Commissioning
- Specialty Testing: Windows, Roofs, Stucco, Air Barrier
- Infrared and Nuclear Moisture Surveys
- Third Party Document Reviews
- Non-Destructive Investigations: Ground Penetrating Radar

Your Trusted
Partner in
the Caribbean.

Representative Clients

American Bridge Company
Amore Construction Company
Barnes Bay Development, Ltd.
Bathsheba & Associates, Ltd.
Boyken International, Inc.
Brockette Davis Drake, Inc.
Burns & Roe Services Corporation
Cypress Equities, Inc.
Design Build LLC
Ellis Don Corporation
Flag Luxury Properties, LLC
Harris Civil Engineers, LLC
Insignia Development Group
Kellogg, Brown & Root Services
Kraus-Manning, Inc.
Marriott Ownership Resorts
Marriott Vacation Club International
Morris-Shea Bridge Company
Parsons
Ritz-Carlton Hotel Group
Robin Bay Realty, LLC
Royal Island Bahamas, Ltd.
Schenkel-Shultz Architecture
Stanford Development Company
Starwood Vacation Ownership
The KOR Group
URS Group, Inc.
Walton H. Chancey & Associates
Wyndham Vacation Ownership



TOTAL QUALITY. ASSURED.

Recently Completed Projects

Value Engineering and Design Roadway Instabilities Retaining Walls - Corozal, Orocovis & Morovis, Puerto Rico

Following Hurricane Maria's devastating impact on Puerto Rico's transportation infrastructure, we provided critical engineering solutions for four roadway instabilities along PR-155, 156, and 568 highways owned by the Puerto Rico Highway and Transportation Authority. Using detailed stability analyses our design team developed new Gravity-Gabion retaining wall systems ranging from 6 to 15 feet in height and 50 to 190 feet in length and requiring excavations up to 20 feet deep to reach competent bearing ground.

Niagara Water Wells - Barceloneta, Puerto Rico

Industrial water well construction demands precision foundation engineering, particularly when integrating cooling tower infrastructure, bridge crane columns, and equipment slabs into a cohesive design. We conducted subsurface evaluation through soil borings and laboratory testing to develop engineering recommendations for a 36-foot by 20-foot shallow foundation system with 150mm thick concrete slab construction. The project deliverables included detailed bearing capacity analysis, seismic design considerations, and construction guidelines tailored to the site's specific soil conditions and industrial loading requirements.

Safety Room Facility - San Juan, Puerto Rico

This substantial 20,500 square foot Safety Room facility and associated parking infrastructure in San Juan's urban environment presented unique foundation challenges requiring specialized geotechnical investigation. Through subsurface investigation including Standard Penetration Test borings, specialized infiltrometer and hydraulic conductivity testing, we developed detailed foundation recommendations addressing bearing capacity, retaining wall design, and seismic considerations. The project required careful analysis of site drainage characteristics and soil permeability to ensure proper foundation performance for this critical safety infrastructure.

SJU Taxiway N1 Repairs - Luis Muñoz Marín International Airport, Carolina, Puerto Rico

When critical taxiway infrastructure requires repair at one of the Caribbean's busiest airports, precision and minimal operational disruption become paramount. Our geotechnical evaluation provided targeted recommendations for pavement repair design through eight strategically located Standard Penetration Test borings and detailed laboratory analysis. The project delivered engineering guidelines specifically tailored to airport pavement specifications, ensuring repairs meet Federal Aviation Administration standards and support continued safe aircraft operations.

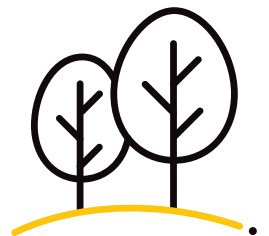
Pump Station PR 693 New Trunk Sewer - Dorado, Puerto Rico
Challenging subsurface conditions extending 80 feet below ground surface required sophisticated geotechnical exploration to support this critical wastewater infrastructure design. The project required detailed analysis of soil stratification and rock weathering characteristics to develop appropriate design parameters for pump station foundations in challenging subsurface conditions. Through empirical correlations between Standard Penetration Test N-values and soil strength properties, we provided the engineering foundation for reliable wastewater treatment infrastructure serving the Dorado community.

Solar B Fernandez - Bayamón, Puerto Rico

Puerto Rico's expanding renewable energy sector relies on thorough subsurface characterization to optimize solar installation foundations and associated infrastructure improvements. The project focused on characterizing soil conditions through subsurface evaluation and laboratory testing to support development of renewable energy infrastructure. The detailed geotechnical data report provided the engineering foundation necessary for sustainable energy development in this growing sector of Puerto Rico's energy portfolio.



Intertek-PSI's extensive experience & expertise help clients **operate responsibly, protect natural resources,** and contribute to a more **sustainable future.**



Our Caribbean Team



Efrain Rivera
Branch Manager
Toa Baja, Puerto Rico

Efrain Rivera has over 15 years in geotechnical and materials testing, overseeing laboratory operations and delivering quality assurance. His project experience spans international airports, hotels, and roadways throughout Puerto Rico and Florida, serving both private developers and government agencies with a wide range of field and laboratory materials testing.



Mark Kalivoda, PE
Project Manager
Toa Baja, Puerto Rico

Mark Kalivoda is a Professional Engineer licensed in Florida and Puerto Rico. As an Project Manager, Mark specializes in environmental assessments, site remediation, and regulatory compliance. His diverse experience includes housing projects in Puerto Rico, commercial development site assessments, petroleum remediations throughout Florida, and various asbestos inspection, stormwater management, and hazardous materials handling projects.



Robert Trompke, PE
Chief Geotechnical Engineer

Robert Trompke leads our Southeast geotechnical consulting and drilling divisions as Chief Engineer, drawing on over 25 years of experience. His diverse project experience includes commercial developments, transportation infrastructure, groundwater modeling, and deep foundation applications. Robert's geotechnical consulting background extends throughout Florida, the Bahamas, and the Caribbean basin.



Jose Gomez, PE, D.GE, F. ASCE
Chief Geotechnical Engineer

With a career spanning over 40 years in geotechnical engineering, Jose Gomez excels as a Chief Engineer. His expertise covers site preparation, earthwork, retaining structures, embankments, dams, ports, and foundation design. Jose's project experience extends across the Americas and Caribbean, complemented by multiple professional certifications and numerous technical publications.

Environmental

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