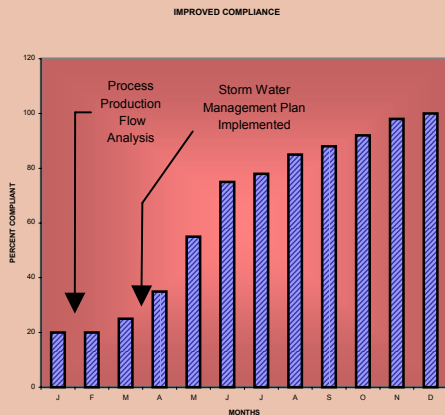


## EFFECTIVE APPLICATION for ABSOLUTE PERFORMANCE

Bruce Rodgers, P.G. is a strategic, hands-on Geologist and Environmental, Health and Safety professional with diverse experience in transportation, electric utilities, natural gas, mining, metal-recycling and the barging /shipping industries.

He is seasoned as both an internal and external consultant advising senior management as well as field operators on a wide array of geological, environmental, health and safety issues.

Bruce Rodgers, P.G. has built a reputation for setting up practical, cost effective, and sustainable EH&S programs. He is an excellent negotiator, balancing resistance to change with education and training.



Typical improved compliance using Storm Water Management Plans and implementation of Process Flow Analysis for EH&S.



## BRUCE A. RODGERS, P.G., P.A.

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## BRUCE A. RODGERS, P.G., P.A.

# Geology, Environmental, Health & Safety Professional



*The World's Axis is  
Geology ©*

# *Bruce Rodgers, P.G. Environmental Innovator from the Ground Up*

Bruce A. Rodgers, is a licensed Professional Geologist (P.G.) with an established 30+ year career in geology and the environmental sciences.



Circa 1922, Oil well installation near Oldsmar, Florida in Pinellas County.

A native of St. Petersburg, Florida, he has witnessed the region's growth from rural agriculture to metropolplex. The reality in Florida and all other states and regions of the U.S. experiencing population

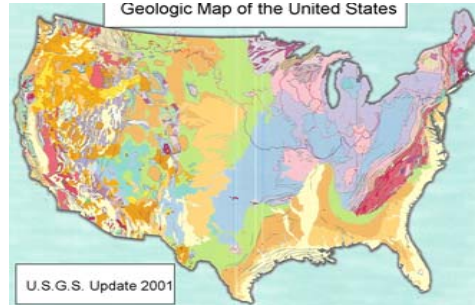
growth is; the demand on natural resources as goods, competes directly with the demand for land occupied by these resources. Participating in this growth as an industrial-environmental leader, Bruce Rodgers understands that continued growth can be advanced in an environmentally conscientious manner.

Throughout his life, Bruce Rodgers has devoted personal time (40+ years) to the Boy Scouts of America. The scouting program, designed on a foundation of individual responsibility, promotes stewardship for our environment and outstanding citizenship at home and abroad.

As an Eagle Scout, Bruce Rodgers blends these values and his vast professional knowledge and experience into all his work relationships and products.

## Professional Attributes

Geology is not only a career but a passion for Bruce Rodgers, P.G. He has applied the theories and skills from education in most all landform settings of North America. Each geologic region of the continent has provided unique learning experiences and challenges to be overcome. He transfers or modifies methods and technology gained from his experience to meet demands from new projects and their locations.



Geologic Map of the lower 48 states matches closely to landform boundaries of physiographic provinces.

Environmental application of geology is a natural for Bruce Rodgers in his business and research over 30+ years. Comfortable in various business settings, Bruce Rodgers is foremost a "field-oriented" professional. Problems are field generated, and since solutions are easily overlooked, field time is a critical portion of Bruce Rodgers' standard methods and practices.

## Extent of Expertise

For over 30 years of work history, Bruce Rodgers has practiced his profession as a researcher, consultant and industrialist. Developing a unique and comprehensive understanding of:

1. How data are collected and evaluated.
2. Relations amid the regulatee and regulator.
3. Industrial production practicality.
4. The influence of geology on all daily activities.

Bruce Rodgers has almost a decade or more in the following fields.

## MARINE AND RIVER SYSTEMS

- Coastal Geology-Erosion and Deposition
- Coastal and Fluvial Hydrology
- Subsurface Profiling
- Bathymetric Surveys and Mapping
- Fluvial Deposition and Erosion Studies
- Physical Oceanographic Studies

## RESOURCE ASSETS

- Coal Mining and Land Reclamation
- Rock and Gravel Production
- Dredging-Coal, Sands and Gravels
- Natural Gas E & P
- Coalbed Methane
- Alternative Fuels (from by-products)

## ENVIRONMENTAL, HEALTH & SAFETY

- Property Transaction Assessments
- Contamination Assessments
- Soil and Ground Water Cleanup
- Environmental Regulatory Compliance Systems
- Environmental Management Systems
- OSHA Compliance Systems
- Compliance Auditing (3 systems above and more)
- Process or Production Flow Analysis
- Hazardous Waste Reduction and Management
- Permit Determinations (air, wastewater, withdrawal, etc.)
- Permitting & Written Regulatory Plan Development
- Asbestos Evaluation, Management or Removal

## GEOLOGY

- Surface Geology Mapping (Alidade-Plane Table to GPS)
- Instructor-Earth Science, Physical & Historical Geology
- Geophysical Studies • Mineral Prospecting
- Subsidence (Sinkhole) Investigations
- Carbonate Rock Depositional Processes

## INDUSTRIES

- Mining and Petroleum E & P
- Shipyards Operations • Electric Utilities
- Metal Machining and Fabrication
- Coatings and Painting Operations
- Ferrous Metal Reclamation
- Non-ferrous Metals Reclamation
- Railroad Car and Locomotive Repair
- Inland Marine Barging Transportation and Repair
- Environmental, Health and Safety Consulting
- Shortline Railroad Transportation
- Natural Gas Distribution • Materials Transloading
- Fiber Reinforced Plastics Operations

## LICENSES AND AFFILIATIONS

- Professional Geologist in: FL, AL, KY, MO, WY, NE, TN, UT, TX
- Licensed Asbestos Consultant—Florida
- AAPG—Environmental and Energy Mineral Divisions
- National Ground Water Association
- National Association of Environmental Professionals
- Southeastern Geological Society—Past President
- Adult Leader in a Boy Scout Troop and Sea Scout Ship

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