



RANI SMITH, P.G.

Principal Hydrogeologist

+99 772 214 9497
Ranismith1867@gmail.com
Matthews, NC, USA
Relocating to New Zealand

Nationality

U.S.A.

Key Skills & Technical Expertise

Project Management and
Contractor Coordination

Aquifer Testing and Analysis

Water and Wastewater Supply
Design and Rehabilitation

Environmental Site Assessments
(ASTM E1527)

Regulatory compliance &
permitting

18+ years working with GIS
(ArcGIS)

Water quality testing & field
hydrogeology

Strong technical writing & client
communicator

Links

[LinkedIn](#)

[Curriculum Vitae](#)

Professional Summary

Principal Hydrogeologist with 18 years at JLA Geosciences, where I advanced from entry-level to ownership and senior leadership through hard work, curiosity, and deep dedication to the craft. I bring a sharp eye for detail, an intuitive grasp of where every aspect of a project stands, and the ability to learn and integrate adjacent disciplines quickly. Known for being highly responsive, a clear, collaborative and friendly communicator, and a supportive mentor to junior staff. I'm deeply passionate about geology and thrive on delivering complex, high-impact groundwater and wellfield infrastructure projects. Now relocating to New Zealand and excited to bring both technical depth and team-driven energy to sustainable water and wastewater resource initiatives.

Employment History

Principal Hydrogeologist, JLA Geosciences, Inc., Jupiter, Florida

JULY 2007 — PRESENT

Led end-to-end hydrogeological consulting services for large-scale water and wastewater supply projects for municipal water utilities, golf courses, and energy companies.

Key Projects & Achievements:

- Managed groundwater supply and wellfield rehabilitation projects from start to finish—often with multi-million-dollar scopes—while balancing high level technical delivery, project budgets, timelines, and client needs.
- Led diverse project teams across engineering, surveying, and construction disciplines on complex water infrastructure projects. Ensured all team members stay aligned and on track by understanding how each piece fits together, and making sure progress continued smoothly from design to construction.

Education

Bachelor of Science – Geology, Florida Atlantic University

Professional Registration

Professional Geologist – Florida, USA (License No. 3029)

Professional Memberships

American Water Works Association; Association for Women Geoscientists; Southeast Desalting Association; American Institute of Professional Geologists; NZ Hydrological Society; Engineering NZ; International Association for Engineering Geology

Industry Involvement and Mentorship

Presenter, Water Wellness 101 – SEDA Membrane Operator Certification Course. Presented technical hydrogeologic content in an engaging way to instruct operators and engineers on best practices in groundwater supply management.

Founder/Instructor – Internal Hydrogeology Summer Workshop Series – JLA Geosciences. Designed and led a multi-session workshop program to cross train early-career hydrogeologists in technical analysis, reporting, and field best practices, fostering professional growth and team building.