



RODOLFO J. REGO JR.

Teaching Professor

EDUCATION

Florida International University (FIU)
2002 - Masters of Science in Geology
1997 - Bachelors of Science in Geology

Miami-Dade College
1994 - Associates of Arts in Biology

PROFILE

My current interests focus on education using solid pedagogy, multimedia technology, and AI with Learning Management Systems (e.g., Copilot, 360 pictures, Canvas, H5P, etc.) to generate student engagement in the earth and environmental sciences. I have also studied many aspects of the South Florida environments including, but not limited to, geological and ecologic topics, marine ecosystems, cleanup rules in Florida, and/or topics related to the formation of South Florida's natural habitats.

CONTACT

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COURSE LIST

- Intro to Earth Science (ESC 1000)
- Intro to Environmental Science (EVR 1001)
- Intro to Geology (GLY 1010)
- Earth Resources (GEO 3510)
- Energy Flow (EVR 3010)
- Environmental Geology (GLY 3039)
- Internships in Earth and Environment (ISC 4940)
- Env Geology Field Course (GLY 3881)
- First-Year Seminar (ISC 1056 & IDS 1273)

WORK EXPERIENCE

Florida International University-Department of Earth and Environment [Teaching Professor/Undergraduate Program Director]

2002–Current

Instructor for face-to-face, fully online and hybrid undergraduate courses in the department (See course list). Faculty mentor to the Geology Club which includes overseeing semester activities schedule (e.g., meetings, events, and field visits). Undergraduate Program Director (UPD) of the department for a 3-year appointment. The UPD advises students on required course work throughout the semester, coordinates with academic advisors, and leads the undergraduate committee. Currently piloting the use of different AI platforms for teaching and administrative tasks at the university.

Consultant [Environmental Geologist]

2006–2018

Conduct environmental investigations at contaminated sites in Florida. Assessment guidelines presented in Chapter 62-770 and 62-780, Florida Administrative Code (FAC).

Department of Environmental Resources Management [Inspector/Hydrogeologist]

1997–2006

Conducted inspections at various locations around the county for violation of Chapter 24, Code of Miami-Dade County. Reviewed assessment documents prepared under Chapter 62-770, FAC.

PROFESSIONAL ACTIVITIES

- Teaching and Learning with AI Conference-University of Central Florida (June 2025)
- FIU CASE Faculty Recognition Award for Teaching-2025
- AI in Action Workshop: Reading and Writing Across the Curriculum-FIU Summer 2025
- Presenter at Realities 360 conference in 2018 and 2019 (San Jose, CA)
- Presenter at EDInnovateLive conference in 2019 (San Diego, CA)
- Presenter at Florida Innovative Summit 2019 (Gainesville, FL)
- Two-time guest on Leading Lines (An podcast on educational technology) (Vanderbilt Center for Teaching)