

Rodolfo J. Rego Jr.

Visiting Instructor
Department of Earth and Environment
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Professional Preparation

Florida International University	Geology	Master's	2002
Florida International University	Geology	Bachelor's	1997
Miami-Dade Community College	Biology	Associate in Arts	1994

Professional Qualifications

OSHA 40 Hour Training & 8 Hour Refresher (Expired)	2000-2006
Hands on Field School for Petroleum Cleanup – University of Florida	2001
F.D.E.P. Storm Water Management Inspector #348	2000
CITI Basic Course – Human Subjects Research	2014

Appointments

Adjunct/Visiting Instructor, Florida International University, Department of Earth and Environment	1997-Present
Environmental Consultant, Self-Employed	2006-Present
Department of Environmental Resources Management	1997-2006

Recent Synergistic Activities

- Completed a two year (summer 2013 & 2014) NSF grant (Co-PI) titled *Growing Community Roots in Geosciences* summer camp at Florida International University. The camp focused on educating high school students in the field of geosciences prior to graduation.
- Developed the Learning Assistant (LA) program in the Earth and Environment Department (Geosciences) so students can utilize geoscience majors to understand course materials in geoscience courses (non-majors).
- Instructor for a portion of the undergraduate Field Excursion (Florida) course at Florida International University-Earth and Environment Department.
- Currently teaching and developing on-line courses for Environmental Science and Sustainability as well as the accompanying lab at Florida International University (Blackboard learning environment).
- Locating all natural areas and/or State/County Parks that illustrate the complexity of South Florida geology and the correlation to habitats and ecosystems, 2008-2010. This project is an ongoing project with Florentin Maurrasse (FIU professor).
- Utilizing Florida Rules/Codes (Chapter 62-780, F.A.C-Contaminated Site Cleanup Criteria and Chapter 62-770, F.A.C. - *Historical*) to reduce and/or eliminate contamination issues at facilities while utilizing the cost effective approach.

Recent Awards

Cum Laude Graduate 1997

Deans List – Spring Term 1996, Summer Term 1996, Fall Term 1996, and Spring Term 1997

Recent Selected Publications/Technical Report

Technical Report, Dec. 2014, No Further Action with Conditions, Solid Waste Facility, Miami-Dade County (Project # 14-147)

Deed Restriction/Restrictive Covenant and Engineering Control Plan, Nov. 2014, FDEP # 069047141 - Petroleum Discharge

Technical Report, 2013, Closure options for petroleum discharge at Key Largo Sunuco facility.

Technical Report, 2009, Limited Summary Report, (FDEP Document), FDEP #138505621-Petroleum Discharge

Technical Report, 2008, Site Assessment Report Addendum (FDEP Document), FDEP #068841195-Petroleum Discharge

Technical Report, 2007, Site Assessment Report (FDEP Document), FDEP #139801350-Petroleum Discharge

Rodolfo Rego Jr., 2002, A Hydrogeologic Investigation of the Miami Limestone and Fort Thompson Formation in the Frog Pond Area, Everglades, Florida.

Rodolfo Rego Jr., 1997, Oolite Deposition in the Florida Keys

Research Interests

My current research interest focuses on the geology and the contamination associated with industry in the South Florida area. Knowledge of South Florida geology is a critical component to understanding the complex nature of the Biscayne Aquifer and cleanup goals for contaminated properties. I have also studied many aspects of the South Florida environments including, but not limited to, geological and ecologic topics, marine ecosystems and/or topics related to the formation of South Florida's natural habitats. This focus can be applied to the course content which will further develop interest in learning and promote conservation of the natural resources in the South Florida area. Additionally, I plan to apply and obtain my Professional Geologist license in the state of Florida.