

Juan Escobedo

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Objective A full-time position as Assistant Scientist at Waterstone Environmental

Education

California Polytechnic State University, San Luis Obispo Bachelor of Science Degree: June 2008
Major: **Earth Science** GPA: 3.46 Dean's List: 6 quarters
Minors: Soil Science, Antropology/Geography

Study Abroad: University of Queensland, Brisbane, Australia – Fall 2007

Relevant Coursework and Skills

Coursework

Soil Morphology	Geomorphology	Aerial Photogrametry	Botany
Land Use Planning	California Geology	Remote Sensing	Plant Taxonomy
Climatology	Rocks and Minerals	Forest/Range Soils	Global Info. Systems
Global Geography	Soil & Water Conservation		

Computer Skills

Microsoft Office (Word, Excel, PowerPoint), ArcGIS, SAS, Minitab

Related Projects

Senior Capstone Project – Cal Poly State University Winter 2008

- Performed a soil resource assessment of soils within the York Mountain Wine and Viticulture Area
- Analyzed, evaluated and documented vineyard soils of York Mountain
- Discovered a fundamental soil difference between two geographic regions, allowing the American Viticulture Area to utilize this data for economic benefit

Compilation of Field Guidebook – University of Queensland, Australia Fall 2007

- Researched a natural area based on geologic and soil related features
- Assembled weekly guides for an introductory soil science class with 35 students
- Conducted a total of five field trips, including pre-trip presentations
- Published guides and distributed them to faculty for use in future programs

ArcGIS Project – Cal Poly State University Spring 2007

- Proposed a reserve for the endangered Desert Slender Salamander, based on research
- Prepared a model to determine the most suitable Desert Slender Salamander habitat and created a map in ArcGIS to display the model's outcome

Work Experience

Soil Scientist, Lucas Rochas, Landowner, Bebedero, Costa Rico July 2007

- Generated a soil map and a level 1 soil survey for a 150-acre private property
- Researched available geologic and soils data for the area
- Conducted fieldwork in Costa Rica for ten days by describing and testing soils

Intern, Cal Poly Organic Farm, San Luis Obispo, CA Feb. – June 2007

- Worked with an 11-acre CCOF certified organic farm
- Supervised six student interns in the greenhouse
- Performed tractor work, vegetable planting, irrigating, harvesting, inspecting, and washing
- Helped coordinate 300 participant subscriptions to the Community Supported Agriculture Program

Involvement

- National Society of Consulting Soil Scientists: attended annual meeting
- ASA-CSSA-SSSA: attended international annual meeting
- National Society of Collegiate Scholars