

Project Id	34
Project Title	Black Lake Canyon Soil Development, Nipomo Mesa
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Additional Faculty	Ray Freeman (LA), Walt Bremer (LA), Dr. Ritter (Bio)
Faculty Department	Earth and Soil Sciences Department, CAFES
Project Description	Soil formation processes and rates are studied with increasing intensity, in order to project soil formation into the past, for environmental reconstruction. The goal is, by understanding past environmental changes, to project ecosystem responses to pressures such as global climate change. The objective of this study is to research how aspect and plant community, as well as other pertinent factors, impact soil formation and development in Black Lake Canyon, Nipomo, California. In addition to the scientific benefit ("paleoecology") of this study, one important deliverable will be a plan for restoration and management of the Black Lake Canyon area.
Interdisciplinary Nature Description	Students from Landscape Architecture, Soil Science, and Philosophy are working together on this research project whose conclusions may lead to further research and support restoration work by the Land Conservancy of SLO.
Links	
Number of Honors Students Requested	1
Applicable Majors	Soil Science, Landscape Architecture, Philosophy
desired_res	
Date Added	2008-11-03 12:42:10
Active	1