

# Physics Department Seminar

Friday March 22<sup>nd</sup>, 2002

11:00am in PhSc 105

John  
Jon  
Tim

## “Geophysical Techniques in Identifying Groundwater Contaminants”



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California State University, Chico

### Abstract:

Geophysical techniques can characterize subsurface features as well as detect contaminant plumes and flow directions. The discussion will include factors involved in characterizing a site, contaminant fate and transport, selecting a method, and the geophysical technique. The methods to be introduced are: ground penetrating radar systems, electromagnetic conductance, and the resistivity method. A discussion of specific cases, data and analysis will conclude the seminar.