

# Suzanne Sayer, PhD

## Formal Education:

**PhD, Environmental Geophysics;** Virginia Polytechnic Institute and State University; Blacksburg, VA

**S.M. Earth and Planetary Science;** Massachusetts Institute of Technology; Cambridge, MA

**B.S. Geological Sciences,** , Cum Laude, Tufts University, Medford, MA – (Senior term paper topic: Glacial and Interglacial forcing based on interplay between Milankovich hypothesis, solar cycles, and continental drift)

**BS Mechanical Engineering;** Cum Laude, Virginia Polytechnic Institute & State University; Blacksburg

**Physics, Physical Science and Mathematics Teaching Degrees;** California State University at Los Angeles: Teaching Portfolio: Energy exchange and conservation in the Solar System.

## Professional Experience:

Currently work as a **Nuclear Engineer.**

Virginia Polytechnic Institute and State University, **Adjunct Faculty Member**

Instructed labs & lectures (engineering geology, physical geology, resources geology, oceanography)

Delaware Geological Survey

**Research Geophysicist** - Advised the DE emergency management agency on natural hazards

Geraghty & Miller/IT Corporation

**Engineering Geologist** – environmental evaluation of power plant sites

Sohio Petroleum Corporation

**Geophysicist/Petrophysicist** - evaluated petroleum reserves.

Department of Waste Management, DPHS(Now DES), State of NH

**Environmentalist** – evaluated permit applications for environmental compliance.

The Analytical Sciences Corporation

**Member of the Profession Staff**

Programmed scientific code for analysis of SEASAT & GEOSAT data

Los Alamos Scientific Lab, Los Alamos, NM

**Geological Research Assistant** – volcanology, future scenarios, and geochemistry.

Dept. of Geological Sciences, California Institute of Technology, Pasadena, CA

**Geological Research Assistant** – planetary and interplanetary geochemistry.