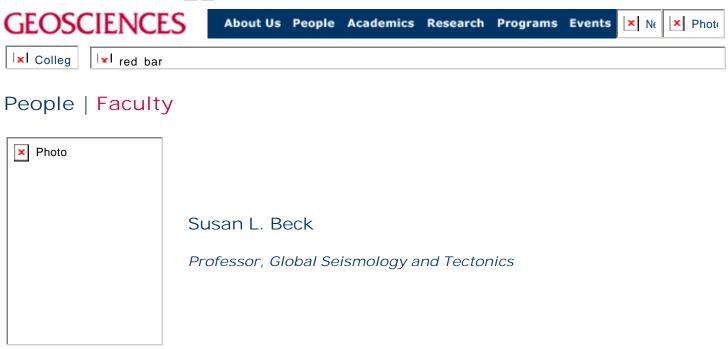
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My research involves using broadband seismology to understand mountain belts, earthquakes and faulting. I am interested in the evolution of the North and South American Cordilleras with much of my current research on the south central Andes. I am also working on earthquakes and Earth structure associated with subduction zones and strike-slip plate boundaries.

### Research

- <u>Overview</u>
- Global Seismology and Tectonics Group at the University of Arizona
- Sierras Pampeanas Experiment (SIEMBRA)
- North Anatolia Fault, Turkey: One-page pdf summary
- BANJO/SEDA: Central Andes in Bolivia
- <u>CHARGE: South Central Andes in Argentina and Chile: One-page pdf summary</u>
- Historic Earthquakes in South America (pdf file, 1.3 MB)
- <u>2001 Peru Earthquake (*Mw* = 8.4)</u> (pdf file, 1.7 MB)
- <u>2001 Kunlun Earthquake (*Mw* = 7.8)</u> (AGU abstract)
- 2002 Denali (Alaska) Earthquake (pdf file, 812 k)

### Courses

- Geos 218, Geological Disasters and Society
- Geos 432/532, Introduction to Seismology
- Geos 477/577, Active Tectonics
- Geos 596F, Intermediate Seismology (Spring 2008)

### Curriculum Vitae

<u>Curriculum Vitae with recent publications list</u>

## **Related Links**

- Global Seismology and Tectonics Group at the University of Arizona
- Tucson (TUC) Seismic Station Display
- Arizona Earthquake Information Center (Northern Arizona University)

- National Earthquake Information Center (NEIC)
- Southern California Earthquake Center (SCEC)

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