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Robert J. Lillie

Year hired: 1984

Specialty: Geophysics, tectonics, public interpretation, geology of national parks

Research interests: Structure and evolution of collisional mountain ranges; presenting geology to the public in national parks

Recent Publications: Lillie, R.J., 2005, "[Parks and Plates: The Geology of Our National Parks, Monuments, and Seashores](#)," New York: W. W. Norton and Company, 298 pp.

Sperner, B., I. Dumitru, and R. J. Lillie, 2004, Slab behavior and its surface expression: New insights from gravity modelling in the southeast Carpathians, *Tectonophysics*, v. 383, p. 51-84.

Recent Graduate Student Theses: Truitt, Kimberly, 2006, *Interpreting a Weird and Scenic Landscape to Park Visitors: Tectonic and Volcanic Processes of Craters of the Moon National Monument and Preserve, Idaho*, M.S. Thesis, 105 pp.

Natoli, Jenifer, 2004, *Shake, Rattle, and Roll: Awakening the Visiting Public's Curiosity of Geology via Interpretation at Redwood National and State Parks*, M.S. thesis, 141 pp.

Ashton, Rebecca, 2003, *A Dynamic Landscape Formed by the Power of Volcanoes: Geology Training Manual for Interpreters at Hawaii Volcanoes National Park*, M.S. thesis, 131 pp.

Wagner, Stacy, 2002, *Grand Canyon National Park Geology Training Manual*, M. S. Thesis, 184 pp.

Courses taught: [Geo 101 The Solid Earth](#)
[Geo 307 National Park Geology and Preservation](#)
[Geo 407 Geosciences: From Student to Professional](#)
[Geo 464/564 Geoscience Interpretation](#)

Degrees: PhD Geophysics, Cornell University, 1984
M.S. Geophysics, Oregon State University, 1977
B.S. Geology, University of Southwestern Louisiana, Lafayette, 1975

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