

PRISCILLA L. STRAIN

strainp@si.edu

Employment

- 1987 - Present *Program Manager, Center for Earth & Planetary Studies, National Air and Space Museum, Smithsonian Institution*
- 1979 - 1987 *Geologist, Center for Earth & Planetary Studies, National Air and Space Museum, Smithsonian Institution*
- 1974 - 1979 *Research Assistant, Center for Earth & Planetary Studies, National Air and Space Museum, Smithsonian Institution*

Education

B.A. Geology, 1974, Smith College, Northampton, MA

Memberships

Geological Society of America
American Society for Photogrammetry and Remote Sensing

Professional Summary

I first joined the Air and Space Museum to work under a NASA grant to study the photography of the Moon collected by the Apollo missions. At the completion of these studies, I undertook the development of the "Looking at Earth" exhibition, a major gallery devoted to the history and science of aerial and orbital imagery of the Earth. During my career at the Museum I have conducted research in the fields of lunar and terrestrial remote sensing. I am the author, jointly with Frederick Engle, of *Looking at Earth*, a book of satellite imagery of the world. I am currently the curator of the Museum's lunar rock collection and manage the exhibits and public programs of the Center for Earth & Planetary Studies.

Publications

- Strain, P.L. and F. El-Baz (1975) Sinuous Rilles of the Harbinger Mountains Region of the Moon (Abstr.). *Lunar Science VI*, LSI, Houston, pp. 786-788.
- Strain, P.L. and F. El-Baz (1977) Topography of Sinuous Rilles in the Harbinger Mountains Region of the Moon. *The Moon*, 16, 221-229.
- Maxwell, T.A., P.L. Strain, and F. El-Baz (1977) Analysis of Low Altitude X-Ray Fluorescence Data from Mare Crisium and Mare Smythii (Abstr.). *Lunar Science VIII*, LSI, Houston, pp. 634-636.
- Maxwell, T.A., P.L. Strain, and F. El-Baz (1977) Mare Crisium: Compositional Inferences from Low Altitude X-Ray Fluorescence Data. *Proc. Lunar and Planet. Sci. Conf. 8th*, 933-944.
- Strain, P.L., A.W. Gifford, and F. El-Baz (1978) X-Ray Fluorescence Data for Maraldi and its Environs (Abstr.). *Lunar and Planetary IX*, LPI, Houston, pp.1122-1124.
- Strain, P.L. and F. El-Baz (1979) Topography of the Smythii Basin (Abstr.). *Lunar and Planetary Science X*, LPI, Houston, pp. 1180-1182.
- Strain, P.L. and F. El-Baz (1979) Smythii Basin Topography and Comparisons with Orientale. *Proc. Lunar and Planet. Sci. Conf. 10th*, 2609-2621.
- Strain, P.L. and F. El-Baz (1980) The Geology and Morphology of Ina. *Proc. Lunar and Planet. Sci. Conf. 11th*, 2437-2446.
- Strain, P.L. and F. El-Baz (1981) Furrowed and Pitted Terrain on the Lunar East Side: X-Ray Fluorescence Data (Abstr.). *Lunar and Planetary Science XII*, LPI, Houston, pp. 1052-1054.
- Strain, P.L. and F. El-Baz (1981) Sand Distribution in the Kharga Depression of Egypt: Observations from Landsat Images (Abstr.). *Summaries, Conference on Remote Sensing of Arid and Semi-Arid Lands*. ERIM, Ann Arbor, pp. 101-102.
- Strain, P.L. and F. El-Baz (1982) Sand Distribution in the Kharga Depression of Egypt: Observations from Landsat Images. *Proc. Internat. Symposium on Remote Sensing of the Environment—First Thematic Conference: Remote Sensing of Arid and Semi-Arid Lands*, 765-774.
- Andre, C.G., P. L. Strain, and W. Dove (1982) Additional Evidence of Lunar Terra Volcanism (Abstr.). *Lunar and Planetary Science XIII*, LPI, Houston, pp. 18-19.

- Andre, C.G., P. L. Strain, and W. Dove (1982) Volcanic Resurfacing of the Lunar Nearside Highlands (Abstr.). *Press Abstracts of the 13th Lunar and Planetary Science Conference*, LPI, Houston, pp.3-5.
- Andre, C.G. and P. L. Strain. (1983) The Lunar Nearside Highlands: Evidence of Resurfacing. *Journal of Geophysical Research*, v. 88 Supplement, A544-A552.
- Strain, P.L. (1986) Looking at Earth: A New Exhibition Gallery. *National Air and Space Museum Research Report*, 147-157. Smithsonian Institution Press, Washington, DC.
- Maxwell, T.A. and P. L. Strain. (1988) Discrimination of Sand Transport Rates and Environmental Consequences in Central Egypt from SPOT Data. *SPOT-1 Image Utilization Assessment, Results*, 209-214.
- Strain, P.L. and F.C. Engle. (1992) *Looking at Earth*. Turner Publishing, Atlanta, 304pp.
- Strain, P.L. (1994) From Flagstaff to Fra Mauro (book review). *Air & Space*, April/May, p. 82.