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**Project:** *Joint UCSB-MMS Pacific OCS Student Internship and Trainee Program*

<b>Education:</b>	B.S.	Mathematics, California State University, Fresno	1965
	B.A.	Geology, California State University, Fresno	1968
	M.S.	Geology, University of California	1969
	Ph.D.	Geology, Purdue University	1973

<b>Positions:</b>	1993-present	Chair of the Environmental Studies Program, University of California, Santa Barbara
	1976-present	Professor, Department of Geological Sciences, University of California, Santa Barbara
	1973-76	Asst. Professor, Department of Environmental Studies, University of North Carolina

### Selected Publications:

- Keller, E.A. 2002. Introduction to Environmental Geology, second edition, Prentice Hall, Upper Saddle River, New Jersey.
- Keller, E.A., and N. Pinter. 2002. Active Tectonics, 2nd edition, Upper Saddle River, New Jersey, Prentice Hall.
- Keller, E.A. 2001. Environmental Geology, 8th Edition, Upper Saddle River, New Jersey, Prentice Hall.
- Keller, E.A., D.L. Johnson, D.L. Laduzinsky, D.B. Seaver, and T.L. Ku. 2000. Tectonic Geomorphology of Active Folding Over Buried Reverse Faults: San Emigdio Mountain Front, Southern San Joaquin Valley, California, *Geological Society of America Bulletin* **112**:86-97.
- Botkin, D.B. and E.A. Keller. 1999. Environmental Science, 3rd Edition, New York, John Wiley and Sons, Inc.
- Keller, E.A., L. Gurrola, and T.E. Tierney. 1999. Geomorphic criteria to determine direction of lateral propagation of reverse faulting and folding. *Geology* **27**:515-518.
- Botkin, D.B. and E.A. Keller. 1998. *Environmental Science*. New York, John Wiley and Sons. 649 p.
- Keller, E.A., R.L. Zepeda, T.K. Rockwell, T.L. Ku, *et al.* 1998. Active tectonics at Wheeler Ridge, Southern San Joaquin Valley, California. *Geological Society of America Bulletin* **110**:298-310.
- Pinter, N., S.B. Lueddecke, E.A. Keller, and K.R. Simmons. 1998. Late Quaternary slip on the Santa Cruz Island fault, California. *Geological Society of America Bulletin* **110**:711-722.
- Trecker, M.A., L.D. Gurrola, and E.A. Keller. 1998. Oxygen - isotope correlation of marine terraces and uplift of the Mesa hills, Santa Barbara, CA, USA. In: Stewart I.S. & Vita-Finzi, C.(eds) Coastal Tectonics. Geological Society, London, Special Publications 146:57-69 (invited contribution).
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- Keller, E.A. and H.A. Loaiciga. 1993. Fluid-pressure induced seismicity at regional scales. *Geophysical Research Letters* **20**(16):1683-1686.

- Keller, E.A. and J.L. Florsheim. 1993. Velocity-reversal hypothesis: A model approach. *Earth Surface Processes and Landforms* **18**:733-748.
- Keller, E.A. and M.H. Capelli. 1993. Reply to discussion Ventura River flood of February 1992: A lesson ignored? *Water Resources Bulletin* **29**:873.
- Pinter, N. and E.A. Keller. 1993. Quaternary tectonic and topographic evolution of the northern Owens Valley. In the history of water: eastern Sierra Nevada, Owens Valley, White-Inno Mountains. *White Mountain Research Station Symposium* **4**:32-39.
- Keller, E.A. 1992. *Environmental Geology*, 6th ed. Macmillan Publishing Co., New York. 521 p.
- Keller, E.A. and M.H. Capelli. 1992. Ventura River flood of February 1992: A lesson ignored? *Water Resources Bulletin* **28**:813-832.
- Florsheim, J.L., E.A. Keller, and D.W. Best. 1991. Fluvial sediment transport in response to moderate storm flows following chaparral wildfire, Ventura County, southern California. *The Geological Society of America Bulletin* **103**:504-511.
- Keller, E.A., ed. 1991. *Active Folding and Reverse Faulting in the western Transverse Ranges, southern California*. Geol. Soc. Amer. Guidebook. Guidebook.
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- Zhao, E., E.A. Keller, and D.L. Johnson. 1991. Tectonic geomorphology of the Frazier Mountain area. In: E.A. Keller, ed., *Active Folding and Reverse Faulting in the Western Transverse Ranges, Southern California*. Geol. Soc. Amer. Guidebook, 1991 Annual Meeting. pp. 50-60.
- Johnson, D.L., E.A. Keller, and T.K. Rockwell. 1990. Dynamic pedogenesis: New views on some key soil concepts and a model for interpreting quaternary soils. *Quaternary Research* **33**:306-319.
- Keller, E.A. and G.M. Kondolf. 1990. Groundwater and fluvial processes: Selected observations with case studies by D.J. Hagerty and G.M. Kondolf. In: C.G. Higgins and D.R. Coates, eds., *Groundwater Geomorphology: The role of Subsurface Water in Earth-surface Process and Landforms*. Boulder, Colorado, *Geological Society of America Special Paper* 252.