

Thomas L. Henyey: USC

A. Personal Information

Current address: Department of Earth Sciences
University of Southern California, University Park
Los Angeles, California 90089/0740

B. Education

A.B. Geophysics, University of California, Berkeley, 1962
Ph.D. Geophysics, California Institute of Technology, 1968

C. Professional Experience

Research Assistant, Caltech, 1966-1967
Teaching Assistant, Caltech, 1967-1968
Assistant Professor of Geological Sciences, University of Southern California, 1968-1974
Associate Professor of Geological Sciences, University of Southern California, 1974-1981
Sabbatical leave, U.C. Santa Barbara, Spring, 1976
Professor of Geological Sciences, University of Southern California, 1981-present
Sabbatical leave, DSIR, New Zealand, Summer/Fall, 1982
Professor of Geological Sciences and Chairman, Department of Geological Sciences,
University of Southern California, 1989-1991
Professor of Geological Sciences, University of Southern California and
Executive Director, Southern California Earthquake Center, 1991-1996
Professor of Geological Sciences, University of Southern California and
Director, Southern California Earthquake Center, 1996-present

D. Some Recent Publications

Li, Y.G., T.L. Teng, and T.L. Henyey, Shear Wave Splitting Observations and Implications for the Stress Regime in the Los Angeles Basin, Southern California, *Bull. Seis. Soc. Amer.*, 84, 307-323, 1994.
Schiffries, C.M. and T. L. Henyey, A possible earthquake deficit in Southern California, *Geotimes*, June, 1994.
Henyey, Tom, One shock leads to another, *News and Views, Nature*, 375, No.6258, p. 191, 1995.
Malin, P.E., E.D. Goodman, T.L. Henyey, Y.G. Li, D.A. Okaya, and J.B. Saleeby, Significance of seismic reflections beneath a tilted exposure of deep continental crust, Tehachapi Mountains, California, *Jour. Geophys. Res.*, 100, 2069-2088, 1995.
Jackson, D., K. Aki, A. Cornell, J. Dieterich, T. Henyey, M. Mahdyar, D. Schwartz, and S. Ward, Seismic hazards in southern California: Probable earthquakes, 1994-2024, *Bull. Seis. Soc. Amer.*, 85, no. 2, 379-439, 1995.

E. Advisors, Collaborators, Graduate Students and Post-Doctoral Fellows

Graduate Advisors: Gerald Wasserburg, James Brune
Collaborators: S. Holbrook (Wyoming), N. Christensen (Wisconsin), T. McEvelly (UCB), R. Clayton (Caltech),
G. Fuis (USGS), P. Davis (UCLA), G. Jiracek (SDSU), T. Stern (Victoria, N.Z.), F. Davey (IGNS-N.Z.);
Also, Scientists from the Southern California Earthquake Center and the publication list above.
Graduate Students and Post-Doctoral Fellows: Robert Clayton, Avijit Chakraborty, Mike Forrest, Ned Field, Rachel Abercrombie, Nicola Godfrey, Yong-Gang Li.