

Professional Preparation

Massachusetts Inst. of Technology	Earth and Planetary Science	BS, MS 1976
Columbia University	Geological Sciences	M.Phil 1978, PhD 1982

Appointments

Professor	Columbia University	1992–
Associate Director	Lamont–Doherty Earth Obs.	1989–1992
Associate Professor	Columbia University	1986–1992
Assistant Professor	Oregon St. University	1982–1986

Relevant Publications

Levin, Vadim, William Menke, Jeffrey Park, No regional anisotropic domains in the northerneastern U.S. Appalachians *J. Geophys. Res.* Vol. 105 , No. B8 , p. 19,029, 2000.

Levin, V., W. Menke and J. Park, 1999. Shear wave splitting in the Appalachians and the Urals: A case for multilayered anisotropy *J. Geophys. Res.* Vol. 104 , No. B8 , p. 17,975–17,987.

Brandsdottir, B., W. Menke, P. Einarsson, R. White and R. Staples, Faeroe–Iceland Ridge Experiment -- II, Crustal structure of the Krafla central volcano, *J. Geophys. Res.* 102, 7867–7886, 1997.

Hu., G., W. Menke and C. Powell, Polarization tomography for P wave structure in southern California, *J. Geophys. Res.* 99, 15245–15256, 1994.

Menke, W. L. Shengold and B. Busby, Precision of broadband velocity measurements made with IRIS/PASSCAL instrumentation, *Bull. Seism. Soc. Am.* 82, 2256–2262, 1992.

Other Publications

Menke, W., *Geophysical Data Analysis: Discrete Inverse Theory, Revised Edition* (textbook), Academic Press, Inc., New York, 1989.

Menke, W., M. West, B. Brandsdottir and D. Sparks, Compressional and shear velocity of the lithosphere in northern Iceland, *Bull. Seism. Soc. Am.* 88, 1561–1571, 1998.

Menke, W. and D. Abbott, *Geophysical Theory* (Textbook), Columbia University Press, 458p, 1989.

Gudmundsson, O., B. Brandsdottir, W. Menke and H. Olafsson, The magma chamber of Katla volcano in the propagating volcanic zone of south Iceland revealed by seismic undershooting, *Geophys. J. Int.* 119, 227–296, 1994.

Synergistic Activities

Seismological Field Experiments: SIST (Iceland), ONYNEX (NY–New England), Katla Undershooting (Iceland), FIRE (Iceland), Baradalur '96 (Iceland), Axial Volcano (Juan de Fuca Ridge).
IRIS/PASSCAL Standing Committee, 1996–1997
Development of 3–semester "The Earth System" undergraduate course at Columbia University, 1994–1996.
Ridge Multibeam Synthesis Project and associated database, 1995.

Collaborators M. Brandon (Yale), B. Brandsdottir (U. Iceland), P. Einarsson (U. Iceland), V. Levin (Yale), J. Park (Yale), D. Sparks (TAMU), R. White (Cambridge)

Graduate Advisors A. Brecher (Undergraduate), P. Molnar (Masters), P. Richards (PhD)

Advisor and Sponsor V. Levin (Yale), M. West (LDEO), C. Rodriguez (LDEO). Total: 8.