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EDUCATION

1996 Ph.D., Seismology, Columbia University
1988 Diploma with honors (M.E. equivalent), Exploration Geophysics,
Gubkin Russian State University of Oil & Gas.

PROFESSIONAL EXPERIENCE

09/02-present: Assistant Research Professor, Dept. of Geological Sciences, Rutgers University
11/97-present: Adjunct Associate Research Scientist, Lamont-Doherty Earth Observatory, Palisades, NY.
06/01-08/02: Research Scientist,
11/97-05/01: Associate Research Scientist,
11/95-10/97: Postdoctoral Research Associate, Department of Geology and Geophysics, Yale University.
9/90 - 10/95: Graduate Research Assistant, Department of Geological Sciences, Columbia University, New York, NY
1/89 - 8/90: Senior Research Staff Assistant, Lamont-Doherty Geological Observatory, Palisades, NY

SOCIETIES: American Geophysical Union, IRIS Consortium (Rutgers representative);

HONORS: Heezen Prize, Department of Geological Sciences, Columbia University, 1995

SERVICE

2005 - Editorial board of Tectonophysics
2003: Structure and Evolution of the Antarctic Plate workshop
2002: Ocean Mantle Dynamics workshop
2001: ANSS (Northeastern Region) planning workshop, EarthScope Science Goals workshop;
2000: MARGINS TEI Subduction Factory, ANSS (Northeastern Region) Working Group;
1999: USArray planning workshops I and II;

Convened special sessions at Spring-1998, Spring-2001 AGU conferences.

Manuscripts reviewed for JGR, GJI, PAGEOPH, Tectonophysics, GSA Special Paper, GRL, SRL, BSSA, EPSL, PEPI.

FIELDWORK:

1989,1990,1991: Shumagin Islands, Alaska - periodic maintenance of short-period seismic network, geodetic measurements for a crustal deformation project;

1994: Krafla volcano, Iceland - active/passive source portable short-period seismic array deployment;

1994-1995: Vermont, Maine - deployment and operation of portable broad band seismic stations;

1997,1998: Kamchatka, Russia - site survey, deployment of 15-node passive broad band seismometric array, training local personnel.

2000: Long Island, NY - broadband data acquisition in coastal area for a feasibility experiment.

2004: Northern Apennines, Italy: survey and installation of 25-node broadband passive array.

2005: Costa Rica: deployment of 3-element portable broad-band passive array.

PUBLICATIONS:

W. Menke, H. Abend, D. Bach, K. Newman and V. Levin, Review of the Source Characteristics of the Great Sumatra-Andaman Islands Earthquake of 2004 , submitted to "Survey in Geophysics", 2006

Levin. V., D. Okaya and J. Park, Cause and Effect: shear wave birefringence in wedge-shaped anisotropic regions. submitted to GJI, 2006

Plomerova, J., L. Margheriti, J. Park, V. Babuska, S. Pondrelli, L. Vecsey, D. Piccinini, V. Levin, P. Baccheschi, and S. Salimbeni, Seismic anisotropy beneath the Northern Apennines (Italy): Mantle flow or lithosphere fabric? Submitted to *Earth Planet. Sci. Letts.*, 2005.

Levin, V., A. Henza, J. Park and A. Rodgers, Texture of mantle lithosphere along the Dead Sea Rift: recently imposed or inherited? Submitted to *Phys Earth Planet. Int.*, 2005.

W. Menke and V. Levin, A Strategy to Rapidly Determine the Magnitude of Great Earthquakes, EOS, 86, 19, 10 May 2005

Vadim Levin, Nikolai M. Shapiro, Jeffrey Park, Michael H. Ritzwoller The Slab Portal Beneath the Western Aleutians , doi: 10.1130/G20863.1 , Geology: Vol. 33, No. 4, pp. 253-256 2005

Shapiro, N. M., M. H. Ritzwoller, P. Molnar and V. Levin, Thinning and Flow in Tibetan Crust Constrained by Seismic Anisotropy, Science, 305, 233-236, 2004.

Park, J., H. Yuan, and V. Levin, Subduction-zone anisotropy under Corvallis, Oregon: A serpentinite skidmark of trench-parallel terrane migration? *J. Geophysical Res.*, 109, B10306, doi:10.1029/2003JB002718, 2004.

V. Levin, D. Droznin, J. Park, E. Gordeev, Detailed mapping of seismic anisotropy with local shear waves in southeastern Kamchatka, *GJI* 158, 1009-1023, 2004

Michael Studinger, Garry D. Karner, Robin E. Bell, Vadim Levin, Carol A. Raymond, Anahita A. Tikku, Geophysical Models for the Tectonic Framework of the Lake Vostok Region, East Antarctica, *EPSL*, 216, 663 -- 677, 2003.

W. Menke and V. Levin, A Waveform-based method for interpreting SKS splitting observations, with application to one and two layer anisotropic Earth models, *GJI*, 154, 379-392, 2003.

Levin, V., L. Margheriti, J. Park, A. Amato, Anisotropic seismic structure of the lithosphere beneath the Adriatic coast of Italy constrained with mode-converted body waves, *GRL*, paper 10.1029/2002GL015438, 26 November 2002

Levin, V., N. Shapiro, J. Park and M. Ritzwoller, Seismic Evidence for Catastrophic Slab Loss Beneath Kamchatka, *Nature*, v. 418, 763-767, 2002.

Park, J. and V. Levin, Seismic Anisotropy: Tracing Plate Dynamics in the Mantle, *Science*, 296, 485-489, 2002.

Park, J., V. Levin, M. T. Brandon, J. M. Lees, V. Peyton, E. Gordeev and A. Ozerov, A Dangling Slab, amplified arc volcanism, mantle flow and seismic anisotropy near the Kamchatka plate corner, Seth Stein and Jeffrey Freymueller, editors, *AGU Geodynamics Series No. 30*, AGU, Washington DC, pp. 295-324, 2002.

Menke, W. and V. Levin, Anomalous seaward dip of the lithosphere-asthenosphere boundary beneath northeastern US detected using differential-array measurements of Rayleigh waves, *GJI*, 149, 413-421, 2002

Levin, V., J. Park, J. Lees, M. T. Brandon, V. Peyton, E. Gordeev, and A. Ozerov, Crust and Upper Mantle of Kamchatka from Teleseismic Receiver Functions, *Tectonophysics*, 358, Pages 233-265, 2002.

J. Park and V. Levin, Receiver functions from regional P waves, *GJI*, v147, 1-11, 2001.

Peyton, V., V. Levin, J. Park, M. Brandon, J. Lees, E. Gordeev, A. Ozerov, Mantle Flow at a Slab Edge: Seismic Anisotropy in the Kamchatka Region, *GRL*, 28, pp 379-382, 2001.

Levin V. and J. Park, Shear zones in the Proterozoic lithosphere of the Arabian Shield and the nature of the Hales discontinuity, *Tectonoph.*, 323, pp 131-148, 2000.

Park, J., and V. Levin, Receiver functions from multiple-taper spectral correlation estimates, BSSA, 90, 1507-1520, 2000.

Levin, V., W. Menke and J. Park, No Anisotropic Domains in Northeastern US Appalachians, J. Geophysical Res., 105, 19029-19042, 2000.

Levin, V., J. Park, M. Brandon and W. Menke, Thinning of the upper mantle during the late Paleozoic Appalachian orogenesis Geology, 29, 239-242, 2000.

Levin, V., W. Menke and J. Park, Shear-wave splitting in Appalachians: a case for multilayered anisotropy Journ. Geoph. Res., v104, pp 17975-17994, 1999.

Levin V. and J. Park, Quasi-Love phases between Tonga and Hawaii: Observations, simulations and explanations, Journ. Geoph. Res., v. 103, pp 24321-24331, 1998.

Levin V. & J. Park, P-SH conversions in layered media with hexagonally symmetric anisotropy: A Cookbook, Pure Appl. Geoph., 151, 669-697, 1998.

Levin V. & J. Park, P-SH conversions in a flat-layered medium with anisotropy of arbitrary orientation, Geoph. Journ. Int., v.131, pp 253-266, 1997.

Levin V. & J. Park, Crustal Anisotropy in the Ural Mountains foredeep from teleseismic receiver functions, Geoph. Res. Let., v. 24, pp 1283-1286, 1997.

Levin V., W. Menke & A. Lerner-Lam, Seismic Anisotropy in Northeastern US as a Source of Significant Teleseismic P Traveltime Anomalies. Geoph. Journ. Int., v. 126, p. 593 - 603, 1996.

Levin, V., A. Lerner-Lem & W. Menke, Anomalous mantle structure at the Proterozoic-Paleozoic boundary, Geoph. Res. Let., 22, 121-124, 1995.

Levin, V., W. Y. Kim & W. Menke, Seismic velocities in the shallow crust of western New England and northern New York, Bull. Seism. Soc. Am., 85, 207-219, 1995.

Menke, W., Levin V. & R. Sethi, Seismic attenuation in the crust at the mid-Atlantic boundary in south-west Iceland, Geoph. Journ. Int., 122, 175-182, 1995.

Menke, W. & Levin V., Cold crust in a hot spot, Geoph. Res. Let., 21, 1967-1970, 1994.