

Curriculum Vitae
MICHAEL GRAEME BEVIS

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EDUCATION: 1982 Ph.D. Geophysics, Cornell University
1978 M.S. Solid State Physics, Cornell University
1976 B.Sc. Physics, First Class Honours Degree
University of Birmingham, England

EMPLOYMENT:

2017 -	Chair, Division of Geodetic Science, in the School of Earth Sciences
2003 -	Ohio Eminent Scholar and Professor of Geodynamics, Ohio State University
1994 - 2003	Professor of Geophysics and Geodesy, University of Hawaii
1988 - 1994	Associate Professor of Geophysics, NC State University
1982 - 1988	Assistant Professor of Geophysics, NC State University

PROFESSIONAL EXPERIENCE & SERVICE:

2013 – now	Editorial Board, Reports on Progress in Physics (Earth Physics Editor)
2012	Doctor Honoris Causa, Escuela Militar de Ingenieria, Bolivia
2007 – 2011	President, International Association of Geodesy (IAG) Commision 3 on Earth Rotation & Geodynamics
2007 – 2010	Member of the Board of Directors for UNAVCO Inc.
2006 – 2008	Steering Committee, National Center for Airborne Laser Mapping
2005 – 2011	Editorial board, Journal of Geodesy
1999 - 2003	President, IAG Special Commission on Geodetic Positioning of Sea and Ice Levels
1998 - 2002	Member, Governing Board of the International GPS Service
1996 - 1998	Geodesy Editor, EOS (Transactions of the American Geophysical Union)
1995 - 1999	President, IAG Special Study Group 1.159 on Atmospheric Monitoring
1994	External Reviewer, NOAA Geoscience Laboratory
1993	Panelist, Department of Energy Geosciences Program Review
1992	Review Panel, NSF Presidential Faculty Fellows Program
1992 - 1994	Secretary of Geodesy Section, American Geophysical Union
1989 – 1993	UNAVCO Steering Committee Member

PROFESSIONAL ASSOCIATIONS:

American Geophysical Union (Fellow)
International Association of Geodesy (Fellow)

RESEARCH INTERESTS: Crustal motion geodesy, neotectonics, the earthquake deformation cycle, mountain building, GPS meteorology, climate change, sea level change, ice mass balance, elastic and viscoelastic deformation, airborne LIDAR, geodetic reference frames, physical geodesy.

OSU COURSES:

GS 5612 "Introduction to Geodesy"
GS 5781 "Geodesy & Geodynamics"
ES 1911 "Climate Change: Mechanisms, Impacts & Mitigation"
ES 5646 "Geodynamics"
Executive MBA program, 'Upstream Technology' course for the Energy Module in Fisher College

PUBLICATIONS:

- Bevis, M., Sievers, A.J., Harrison, J.P., Taylor, D.R., and Thouless, D., 1978, Infrared absorption by elementary excitations of the one-dimensional XY system, *Physical Review Letters*, **41**, 987-990.
- Bevis, M., and Isacks, B.L., 1981, Leveling arrays as multicomponent tiltmeters: Slow deformation in the New Hebrides island arc, *Journal of Geophysical Research*, **86**, 7808-7824.
- Bevis, M., and Payne, B., 1983, A new Paleozoic reconstruction of Antarctica, Australia and South America, in Carey, S.W. (Ed.), *Sydney Symposium on Earth Expansion*, University of Tasmania, 207-214.
- Reilinger, R., Bevis, M., and Jurkowski, G., 1984, Tilt from releveling: An overview of the U.S. data base, *Tectonophysics*, **107**, 315-330.
- Bevis, M. and Isacks, B.L., 1984, Hypocentral trend surface analysis: Probing the geometry of Benioff zones, *Journal of Geophysical Research*, **89**, 6153-6170.
- Won, I.J., and Bevis, M., 1984, The hidden layer problem revisited, *Geophysics*, **49**, 2053-2056.
- Bevis, M., 1986, The curvature of Wadati-Benioff zones and the torsional rigidity of subducting plates, *Nature*, **323**, 52-53.
- Chatelain, J.-L., Isacks, B.L., Cardwell, R.K., Prevot, R., and Bevis, M., 1986, Patterns of seismicity associated with asperities in the Central New Hebrides island arc, *Journal of Geophysical Research*, **91**, 12497-12519.
- Bevis, M., and Alveirinho Dias, J.M., 1986, Gaussian decomposition of a multimodal curve and its application to sedimentology, *Comunicações dos Serviços Geológicos de Portugal*, **72**, 33-34.
- Bevis, M., and Cambareri, G., 1987, Computing the area of a spherical polygon of arbitrary shape, *Mathematical Geology*, **19**, 335-346.
- Won, I.J., and Bevis, M., 1987, Computing the gravitational and magnetic anomalies due to a polygon: Algorithms and Fortran subroutines, *Geophysics*, **52**, 232-238.
- Bevis, M., 1987, Computing relative plate velocities: A primer, *Mathematical Geology*, **19**, 561-569.
- Showers, W.J., and Bevis, M., 1988, Amazon Cone isotopic stratigraphy: Evidence for the source of the tropical meltwater spike, in Williams, D.F. (Ed), *Geochemical Measurements of Modern and Ancient Oceanographic Processes*, Special Issue, *Palaeogeography, Palaeoclimatology, Palaeoecology*, **64**, 189-199.
- Bevis, M., 1988, Seismic slip and down-dip strain rates in Wadati-Benioff zones, *Science*, **240**, 1317-1319.
- Ni, J. F., Guzman-Speziale, M., Bevis, M., Holt, W.E., Wallace, T.C., and Seager, W.R., 1989, Accretionary tectonics of Burma and the three dimensional geometry of the Burma subduction zone, *Geology*, **17**, 68-71.
- Bevis, M., and Chatelain, J.L., 1989, Locating a point on a spherical surface relative to a spherical polygon of arbitrary shape, *Mathematical Geology*, **21**, 811-828.
- Schutz, B.E., Ho, C.S. and Bevis, M., 1989, Analysis of Southwest Pacific Campaign Data: July 1988, *Proceedings of the Fifth International Geodetic Symposium on Satellite Positioning*, New Mexico State University, 545-553.
- Bevis, M., and Gilbert, L.E., 1990, Lineaments of the southeast and central USA: The case for a regionally organized crustal dislocation fabric, in *Critical Aspects of the Plate Tectonics Theory*, Vol. 2, Theophrastus Publications, Athens, 237-266.
- Mellors, R., Chatelain, J.-L., Isacks, B.L., Hade, G., Bevis, M., and Prevot, R., 1991, A tilt and seismicity episode in the New Hebrides (Vanuatu) Arc, *Journal of Geophysical Research*, **96**, 16,535-16,546.
- Bevis, M., Businger, S., Herring, T.A., Rocken, C., Anthes, A., and Ware, R., 1992, GPS Meteorology: Remote sensing of atmospheric water vapor using the Global Positioning System, *Journal of Geophysical Research*, **97**, 15,787-15,801.
- Yuan, L., Anthes, R., Ware, R., Rocken, C., Bonner, W., Bevis, M., and Businger, S., 1993, Sensing global climate change using the Global Positioning System, *Journal of Geophysical Research*, **98**, 14,925-14,937.
- Schutz, B., Bevis, M., Taylor, F., Kuang, D., Watkins, M., Recy, J., Perin, B., and Peyroux, O., 1993, The Southwest Pacific GPS Project: Geodetic results from burst 1 of the 1990 field campaign, *Bulletin Géodésique*, **67**, 224-240.
- Rocken, C., R. Ware, T. Van Hove, F. Solheim, C. Alber, J. Johnson, M. Bevis, S. Businger, 1993, Sensing atmospheric water vapor with the Global Positioning System, *Geophysical Research Letters*, **20**, 2631-2634.
- Bevis, M., Businger, S., Chiswell, S., Herring, T.A., Anthes, R., Rocken, C., and Ware, R., 1994, GPS Meteorology: Mapping zenith wet delays onto precipitable water, *Journal of Applied Meteorology*, **33**, 379-386.
- Chiswell, S., Businger, S., Bevis, M., Solheim, F., Rocken, R. and Ware, R., 1994, The impact of mean radiating temperature in retrieval of integrated water vapor from water vapor radiometer measurements, *Journal of Atmospheric and Oceanic Technology*, **11**, 1253-1261.

- Wiens, D.A., McGuire, J., Shore, P.J., Bevis, M., Draunidalo, K., Prasad, G., and Helu, S., 1994, A deep earthquake aftershock sequence and implications for the rupture mechanism of deep earthquakes, *Nature*, **372**, 540-543.
- Bevis, M., F.W. Taylor, B. Schutz, J. Recy, B.L. Isacks, S. Helu, R. Singh, E. Kendrick, J. Stowell, B. Taylor, and S. Calmant, 1995, Geodetic observations of very rapid convergence and back-arc extension at the Tonga island arc, *Nature*, **374**, 249-251.
- Abusali, P.A.M., Schutz, B.E., Tapley, B.D., and Bevis, M.B., 1995, Transformation between SLR/VLBI and WGS-84 Reference Frames, *Bulletin Geodesique*, **69**, 61-72.
- Rocken, C., T. Van Hove, J. Johnson, F. Solheim, R. Ware, M. Bevis, S. Chiswell, S. Businger, 1995, GPS/Storm - GPS Sensing of Atmospheric Water Vapor for Meteorology, *Journal of Atmospheric and Oceanic Technology*, **12**, 468 - 478.
- Calmant, S., Lebellegard, P., Taylor, F., Bevis, M., Maillard, D., Recy, J., and Bonneau, J., 1995, Geodetic measurements of convergence across the New Hebrides subduction zone, *Geophysical Research Letters*, **22**, 2573-2576.
- Taylor, F.W., Bevis, M. et al., 1995, Geodetic observations of convergence at the New Hebrides island arc indicate fragmentation due to an impinging aseismic ridge, *Geology*, **23**, 1011-1014.
- Businger, S., S.R. Chiswell, M. Bevis, J. Duan, R. Anthes, C. Rocken, R. Ware, T. M. Exner, VanHove, F. Solheim, 1996, The promise of GPS in atmospheric monitoring, *Bulletin of the American Meteorological Society*, **77**, 5-18.
- Duan, J. , M. Bevis, P. Fang, Y. Bock, S. Chiswell, S. Businger, C. Rocken, F. Solheim, T. Van Hove, R. Ware, S. McClusky, T.Herring, R. W. King, 1996, GPS Meteorology: Direct Estimation of the Absolute Value of Precipitable Water, *Journal of Applied Meteorology*, **35**, 830-838.
- Bevis, M., S. Chiswell, S. Businger, T. A. Herring, Y. Bock, 1996, Estimating Wet Delays using Numerical Weather Analyses and Predictions, *Radio Science*, **31**, 477-487.
- Bevis, M., Y. Bock, P.Fang, R. Reilinger, T. Herring, J. Stowell and R. Smalley, 1997, Blending Old and New Approaches to Regional Geodesy, *Eos, Trans. Amer. Geophys. Union*, **78**, 64-66.
- McGuire, J., D. Wiens, P. Shore and M. Bevis, 1997, The March 9, 1994 (Mw 7.6) , deep Tonga earthquake: Rupture outside the seismically active slab, *Journal of Geophysical Research*, **102**, 15,163-15,182.
- Calmant, S., B. Pelletier, Pillet, M. Regnier, P. Lebellegard, D. Maillard, F. Taylor, M. Bevis and J. Recy, 1997, Interseismic And Coseismic Motions in GPS Series related to the Ms 7.3 July 13, 1994, Malekula Earthquake, Central New Hebrides Subduction Zone, *Geophysical Research Letters*, **24**, 3077-3080.
- Fang, P., M. Bevis, Y. Bock, S. Gutman and D. Wolfe, 1998, GPS meteorology: Reducing systematic errors in geodetic estimates for zenith delay, *Geophysical Research Letters*, **25**, 3583-3586.
- Kendrick, E., M. Bevis, R. Smalley, O. Cifuentes and F. Galban, 1999, Current rates of convergence across the Central Andes : Estimates from continuous GPS observations, *Geophysical Research Letters*, **26**, 541-544.
- Bevis, M., E. Kendrick, R. Smalley, T. Herring, J. Godoy and F. Galban, 1999, Crustal motion north and south of the Arica deflection : Comparing recent geodetic results from the Central Andes, *Geochemistry, Geophysics, Geosystems*, **1**, paper 1999GC000011.
- Dail, H., M. Merrifield, and M. Bevis, 2000, Steep beach morphology changes due to energetic wave forcing, *Marine Geology*, **162**, 443 – 458.
- Foster, J., M. Bevis, T. Schroeder, M. Merrifield, S. Businger, S. Dorn, S. Marcus, J. Dickey and Y. Bar-Sever, 2000, El Niño, Water Vapor and the Global Positioning System, *Geophysical Research Letters*, **27**, 2697 – 2700.
- Owen, S., P. Segall, M. Lisowski, A. Miklius, M. Murray, M. Bevis, and J. Foster, 2000, January 30, 1997 eruptive event on Kilauea Volcano, Hawaii, as monitored by continuous GPS, *Geophysical Research Letters*, **27**, 2757 - 2760.
- Bock, Y., R. Nikolaides, P. de Jonge and M. Bevis, 2000, Instantaneous resolution of crustal motion at medium distances using the Global Positioning System, *J. Geophys. Res.*, **105**, 28223 – 28253.
- Bevis, M., and S. J. Martel, 2001, Oblique plate convergence and interseismic strain accumulation, *Geochem., Geophys., Geosyst.*, **2**, paper 2000GC000125.
- Kendrick, E., M. Bevis, R. Smalley and B. Brooks., 2001, An integrated crustal velocity field for the Central Andes, *Geochem., Geophys., Geosyst.*, **2**, paper 2001GC000191.
- Bevis, M., Kendrick, E., R. Smalley, B. Brooks, R. Allmendinger, and B. Isacks, 2001, On the strength of interplate coupling and the rate of backarc convergence in the Central Andes : An analysis of the interseismic velocity field, *Geochem., Geophys., Geosyst.*, **2**, paper 2001GC000198.

- Barriga, R., J. Montero, V. Villanueva, J. Klotz and M. Bevis, 2001, Geodesy and digital cartographic survey in Fildes Peninsula, Rey Jorge Island, Antarctica, *Geo-spatial Information Science*, **4**, 25-31.
- Bevis, M., W. Scherer and M. Merrifield, 2002, Technical issues and recommendations related to the installation of continuous GPS stations at tide gauges, *Marine Geodesy*, **25**, 87-99.
- Motell, C., J. Porter, J. Foster, M. Bevis and S. Businger, 2002, Comparisons of Water Vapor Derived from GPS, Sounding and the Split Window Technique, *International Journal of Remote Sensing*, **23**, 2335 – 2339.
- Beavan, J., P. Tregonning, M. Bevis, T. Kato and C. Meertens, 2002, The motion and rigidity of the Pacific plate and implications for plate boundary deformation, *J. Geophys. Res.*, **107**, 2261, doi:10.1029/2001JB000282.
- Calmant, S., B. Pelletier, P. Lebellegard, M. Bevis, F. Taylor, D. Phillips, 2003, Tectonics of the Vanuatu arc and New Hebrides subduction zone constrained by GPS, *J. Geophys. Res.*, **108**, 2319, doi:10.1029/2001JB000644.
- Kendrick, E., M. Bevis, R. Smalley, B. Brooks, R. Barriga Vargas, E. Lauría, and Luiz P.S. Fortes, 2003, The Nazca - South America Euler Vector and its Rate of Change, *J. South American Earth Sci.*, **16**, 125 – 131.
- Foster, J. and M. Bevis, 2003, The lognormal distribution of precipitable water in Hawaii, *Geochem. Geophys. Geosyst.*, **4**, 1065, doi:10.1029/2002GC000478.
- Shao, J.-C., Y. Hamano, M. Bevis, and M. Fuller, 2003, A representation function for a distribution of points on the unit sphere with applications to analyses of the distribution of virtual geomagnetic poles, *Earth Planets Space*, **55**, 395-404.
- Smalley, R., E. Kendrick, M. Bevis, I. Dalziel, F. Taylor, E. Lauría, R. Barriga, G. Casassa, E. Olivero and E. Piana, 2003, Geodetic determination of relative plate motion and crustal deformation across the Scotia – South America plate boundary in Eastern Tierra del Fuego, *Geochem., Geophys., Geosyst.*, **4**, paper 2002GC000446.
- Brooks, B., M. Bevis, R. Smalley, E. Kendrick, R. Manceda, E. Lauría, R. Maturana and M. Araujo, 2003, Crustal motion in the Southern Andes (26°S – 36°S): Do the Andes behave like a microplate?, *Geochem., Geophys., Geosyst.*, **4**, 1085, doi:10.1029/2003GC000505.
- Foster, J., M. Bevis, Y. Chen, S. Businger and Y. Zhang, 2003, The Ka'u Storm (Nov 2000): Imaging precipitable water using GPS, *J. Geophys. Res.*, **108**, 4585 - 4599.
- Becker, J. and M. Bevis, 2004, Love's problem, *Geophys. J. Int.*, **156**, 171 - 178.
- Bevis, M., E. Kendrick, A. Cser, and R. Smalley, 2004, Geodetic measurement of the local elastic response to the changing mass of water in Lago Laja, Chile, *Phys. Earth Planet. Inter.*, **141**, 71-78.
- Shao, J.C., Y. Hamano and M. Bevis, 2005, A note on Maxwell's theory of poles, *J. Comp. Appl. Math.*, **183**, 101-107.
- Caccamise, D., M. Merrifield, M. Bevis, J. Foster, Y. Firing, M. Schenewerk, F. Taylor and D. Thomas, 2005, Sea level rise at Honolulu and Hilo, Hawaii: GPS estimates of differential land motion, *Geophysical Research Letters*, **32**, L03607, doi:10.1029/2004GL021380.
- Taylor, F.W., Bevis, M.G., Edwards, R. L., Cheng, H., Gray, S., Burr, G.S., Beck, W., Cutler, K.B., Phillips, D.A., Cabioch, G., Recy, J., and Mann, P., 2005, Rapid forearc uplift and subsidence caused by impinging bathymetric features: examples from the New Hebrides and Solomon Arcs, *Tectonics*, **24**, TC6005 10.1029/2004TC001650.
- Allmendinger, R., R. Smalley, M. Bevis, H. Caprio and B. Brooks, 2005, Oroclinal bending in real-time in the Central Andes, *Geology*, **33**, 905-908; doi: 10.1130/G21779.
- Bevis, M., D. Alsdorf, E. Kendrick, L. Fortes, B. Forsberg, R. Smalley Jr., J. Becker, 2005, Seasonal fluctuations in the weight of the Amazon River system and Earth's elastic response, *Geophysical Research Letters*, **32**, L16308, doi:10.1029/2005GL023491.
- Foster, J., M. Bevis and S. Businger, 2005, GPS Meteorology: Sliding Window Analysis, *J. Atmos. Oceanic Tech.*, **22**, 687 – 695.
- Scoppola, B., D. Boccaletti, M. Bevis, E. Carminati and C. Doglioni, 2006, The westward drift of the lithosphere: A rotational drag?, *Bull. Geol. Soc. Amer.*, **119**, 199-209; doi: 10.1130/B25734.1.
- Foster, J., M. Bevis and W. Raymond, 2006, Precipitable water and the lognormal distribution, *J. Geophys. Res.*, **111**, D15102, doi:10.1029/2005JD006731.
- Han, S.C., C.K. Shum, M. Bevis, C. Ji, C.Y. Kuo, 2006, Crustal dilatation caused by the 26 December 2004 Sumatra-Andaman Earthquake, *Science*, **213**, 658 - 662.
- Brooks, B., J. Foster, M. Bevis, L. N. Frazer, C. Wolfe and M. Behn, 2006, Episodic slow earthquakes on the flank of Kilauea volcano, Hawai'i, *Earth and Planetary Science Letters*, **246**, 207-216.
- Kendrick, E., B. Brooks, M. Bevis, R. Smalley Jr., E. Lauria, M. Araujo, H. Parra, 2006, Active Orogeny of the South-Central Andes Studied with GPS Geodesy, *Rev. Asoc. Geol. Argent.*, **61**, 555 - 566.

- Brooks, B. A., M. Merrifield, J. Foster, C.L. Werner, F. Gomez, M. Bevis and S. Gill, 2007. Space Geodetic Determination of Spatial Variability in Relative Sea Level Change, Los Angeles Basin, *Geophysical Research Letters*, **34**, L01611, doi:10.1029/2006GL028171.
- Pan, E., M. Bevis, F. Han, H. Zhou, and R. Zhu, 2007, Surface deformation due to loading of a layered elastic half-space: A rapid numerical kernel based on a circular loading element, *Geophys. J. Int.*, **171**, 11 – 24.
- Wang, K., Yan Hu, M. Bevis, E. Kendrick, R. Smalley, R. Barriga Vargas, and E. Lauria, 2007, Crustal motion in the zone of the 1960 Chile earthquake: Detangling earthquake-cycle deformation and forearc-sliver translation, *Geochem., Geophys., Geosyst.*, **8**, Q10010, doi: 10.1029/2007GC001721.
- Smalley, R., I.W.D. Dalziel, M. Bevis, E. Kendrick, D.S. Stamps, E. King, F.W. Taylor, E. Lauría and A. Zakrajsek, 2007, Kinematics of the Scotia Arc from GPS Geodesy, *Geophys. Res. Lett.*, **34**, L21308, doi:10.1029/2007GL031699.
- Shan, S., M. Bevis, E. Kendrick, G. Mader, D. Raleigh, K. Hudnut, M. Sartori, and D. Phillips, 2007, Kinematic GPS Solutions for Aircraft Trajectories: Identifying and Minimizing Systematic Height Errors Associated with Atmospheric Propagation Delays, *Geophys. Res. Lett.*, **34**, L23S07, doi:10.1029/2007GL03088.
- Ichikawa, R., M. Bevis, J. Foster and M. Nobutaka, 2008, Evaluation of the Anisotropic Mapping Function using the JMA 10km Spectral Model, *Trans. Japan Soc. Aero. Space Sci.*, **51**, 16 – 21.
- Taylor, F.W., M. Bevis, I. Dalziel, R. Smalley, C. Frohlich, E. Kendrick, J. Foster, D. Phillips and K. Gudipati, 2008, Kinematics and Segmentation of the South Shetland Islands-Bransfield basin system, northern Antarctic Peninsula, *Geochem. Geophys. Geosyst.*, **9**, Q04035, doi:10.1029/2007GC001873.
- Bevis, M., et al., 2009, Geodetic measurements of vertical crustal velocity in West Antarctica and the implications for ice mass balance, *Geochem. Geophys. Geosyst.*, **10**, Q01005, doi:10.1029/2009GC002642.
- Khan, S. A., J. Wahr, M. Bevis, I. Velicogna and E. Kendrick, 2010, The spread of ice mass loss into northwest Greenland observed by GRACE and GPS, *Geophys. Res. Lett.*, **37**, L06501, doi:10.1029/2010GL042460.
- Beavan, J., X. Wang, C. Holden, K. Wilson, W. Power, G. Prasetya, M. Bevis and R. Kautoke, 2010, Near-simultaneous great earthquakes at Tongan megathrust and outer rise in September 2009, *Nature*, **466**, doi:10.1038/nature09292
- Moreno, M., Melnick, D., Rosenau, M., Bolte, J., Klotz, J., Echtler, H., Baez, J., Bataille, K., Chen, J., Bevis, M., Hase, H., Oncken, O., 2011. Heterogeneous plate locking in the South-Central Chile subduction zone: building up the next great earthquake. *Earth Planet. Sci. Lett.* **305** (3–4), 413–424. doi:10.1016/j.epsl.2011.03.025.
- Tong, X., D. Sandwell, K. Luttrell, B. Brooks, M. Bevis, M. Shimada, J. Foster, R. Smalley Jr., H. Parra, J.C. Baez Soto, M. Blanco, E. Kendrick, J. Genrich, D. Caccamise, 2010, The 2010 Maule, Chile earthquake: Downdip rupture limit revealed by space geodesy, *Geophys. Res. Lett.*, **37**, L24311, doi:10.1029/2010GL045805.
- Brooks, B., M. Bevis, K. Whipple, J. R. Arrowsmith, J. Foster, T. Zapata, E. Kendrick, E. Minaya, A. Echalar, M. Blanco, P. Euillades, M. Sandoval and R. Smalley, 2011, Orogenic Wedge Deformation and Great Earthquakes in the Central Andean Backarc, *Nature Geoscience*, doi: 10.1038/NGEO1143.
- Vigny, C., A. Socquet, S. Peyrat, J.-C. Ruegg, M. Métois, R. Madariaga, S. Morvan, M. Lancieri, R. Lacassin, J. Campos, D. Carizzo, M. Bejar-Pizarro, S. Barrientos, R. Armijo, C. Aranda, M.-C. Valderas-Bermejo, I. Ortega, F. Bondoux, S. Baize, H. Lyon-Caen, J. Villote, M. Bevis, B. Brooks, R. Smalley, H. Paraa, J.-C. Baez, M. Blanco, S. Cimbrano, E. Kenrick, 2011, The 2010 Mw 8.8 Megathrust Earthquake of Central Chile, Monitored by GPS, *Science*, 10.1126/science.1204132.
- Pollitz, F., B. Brooks, X. Tong, M. Bevis, J. Foster, R. Burgman, R. Smalley, C. Vigny, A. Socquet, J.C. Ruegg, J. Campos, S. Barrientos, H. Parra, J.C. Baez, S. Cimbaro and M. Blanco, 2011, Coseismic slip distribution of the February 27, 2010 Mw 8.8 Maule, Chile earthquake, *Geophys. Res. Letts.*, **38**, L09309, doi:10.1029/2011GL47065.
- King, M.A., M. Bevis, T. Wilson, B. Johns and F. Blume, 2011, Monument-antenna effects on GPS coordinate time series with application to vertical rates in Antarctica, *J. Geodesy*, DOI 10.1007/s00190-0491-x.
- Luttrell, K., X. Tong, D. Sandwell, B. Brooks, M. Bevis, 2011, Estimates of stress drop and crustal tectonic stress from the February 27, 2010 Maule, Chile earthquake : Implications for fault strength, *J. Geophys. Res.*, **116**, B11401, doi:10.1029/2011JB008509.
- Moreno, M., D. Melnick, M. Rosenau, J. Baez, J. Klotz, O. Oncken, A. Tassara, J. Chen, K. Bataille, M. Bevis, A. Soquet, J. Bolte, C. Vigny, B. Brooks, I. Ryder, V. Grund, R. Smalley, D. Carizzo, M. Bartsch and H. Hase, 2012, Toward understanding tectonic control on the Mw 8.8 2010 Maule Chile earthquake, *Earth Planet. Sci. Letts.*, **321-322**, 152-165.

- Bevis, M., et al., 2012, Bedrock displacements on Greenland driven by ice mass variations, climate cycles and climate change, *Proc. Nat. Acad. Sci.*, **109**, 11944–11948, doi:10.1073/pnas.1204664109.
- Nielsen, K., S. A. Khan, N. J. Korsgaard, K. H. Kjaer, J. Wahr, M. Bevis, L. A. Stearns, L. H. Timm, 2012, Crustal uplift due to ice mass variability on Upernivik Isstrøm, west Greenland, *Earth Planet. Sci. Letts.*, **353-354**, 182-189.
- Bevis M., A. Brown and E. Kendrick, 2013, Devising stable geometrical reference frames for use in geodetic studies of vertical crustal motion, *J. Geodesy*, **87**, 311-321, doi: 10.1007/s00190-012-0600-5.
- Nielsen, K., S. A. Khan, G. Spada, J. Wahr, M. Bevis, L. Liu, T. van Dam, 2013, Vertical and horizontal surface displacements near Jakobshavn Isbrae driven by melt-induced and dynamic ice loss, *J. Geophys. Res.*, **118**, 1–8, doi:10.1002/jgrb.50145.
- Lin, Y. N., A. Sladen, F. Ortega-Culaciati, M. Simons, J.-P. Avouac, E. Fielding, B. Brooks, M. Bevis, J. Genrich, A. Reitbrock, C. Vigny, R. Smalley, A. Soquet, 2013, Coseismic and postseismic slip associated with the 2010 Maule Earthquake, Chile: Characterizing the Arauco Peninsula barrier effect, *J. Geophys. Res.*, **118**, 3142-3159, doi:10.1002/jgrb.50207.
- Bedford, J., M. Moreno, J.C. Baez, D. Lange, F. Tilman, M. Rosenau, O. Heidbach, O. Oncken, M. Barsch, , A. Reitbrok, A. Tassara, M. Bevis, C. Vigny , 2013, A high-resolution, time-variable afterslip model for the 2010 Maule Mw=8.8, Chile megathrust earthquake, *Earth Planet. Sci. Letts.*, **383**, 26 – 36, doi : 10.1016/j.epsl.2013.09.020.
- Bevis, M., and A. Brown, 2014, Trajectory models and reference frames for crustal motion geodesy, *J. Geodesy*, **88**, 283, doi: 10.1007/s00190-013-0685-5.
- Khan, S.A. et al., 2014, Sustained mass loss of the Northeast Greenland ice sheet triggered by regional warming, *Nature Climate Change*, doi: 10.1038/NCLIMATE2161.
- Yagupsky, D., B. Brooks, K. X. Whipple, C. Duncan, M. Bevis, 2014, Distribution of active faulting along orogenic wedges: minimum-work models and natural analogue, *J. Struct. Geol.*, **66**, 237-247, doi: 10.1016/j.jsg.2014.05.025.
- Ye, L., T. Lay, K. D. Koper, R. Smalley, Jr., L. Rivera, M. Bevis, A. F. Zakrajsek, and F. N. Teferle, 2014, Complementary slip distributions of the August 4, 2003 M_w 7.6 and November 17, 2013 M_w 7.8 South Scotia Ridge earthquakes, *Earth Planet. Sci. Letts.*, **401**, 215-226, doi: 10.1016/j.epsl.2014.06.007.
- Lange, D., J. Bedford, M. Moreno, F. Tilman, J. Baez, M. Bevis and F. Kruger, 2014, On the relation between postseismic afterslip and aftershock seismicity of the 27 February 2010 Mw=8.8 Maule earthquake, central Chile, *Geophys. J. Int.*, **199**, 784-799, doi: 10.1093/gji/ggu292.
- Willis, M., B. Herried, M. Bevis and R. Bell, 2015, Recharge of a subglacial lake by surface meltwater in Northeast Greenland, *Nature*, **518**, 223-227, doi:10.1038/nature14116.
- Bevis, M., E. Pan, H. Zhou, F. Han and R. Zhu, 2015, Surface deformation due to loading of a layered elastic half-space: Constructing the solution for a general polygonal load, *Acta Geophysica*, **63**, 957-977.
- Babcock, L.E., P. Shanchi, C. Brett, M. Zhu, P. Ahlberg, M. Bevis and R. Robison, 2015, Global climate, sea level cycles, and biotic events in the Cambrian Period, *Paleoworld*, **24**, 5-15.
- Gómez, D., R. Smalley, C. Langston, T. Wilson, M. Bevis, I. Dalziel, E. Kendrick, S. Konfal, M. Willis, D. Piñon, S. Cimbrano and D. Caccamise, 2015, Virtual array beamforming of GPS TEC observations of co-seismic ionospheric disturbances near the Geomagnetic South Pole triggered by teleseismic megathrusts, *J.Geophys. Res.*, doi: 10.1002/2015JA021725.
- Pan, E., J. Chen, M. Bevis, A. Bordoni, V. Barletta, and S. Molavi Tabrizi, 2015, Analytical solutions for the elastic response to surface loads imposed on a transversely isotropic, self-gravitating and layered Earth, *Geophys. J. Int.*, **203**, 2150-2181, doi: 10.1093/gji/ggv432
- Gómez, D. D., D. A. Piñón, R. Smalley, M. Bevis, S. R. Cimbaro, L. E. Lenzano, and J. Barón (2015). Reference frame access under the effects of great earthquakes: A least squares collocation approach for non-secular post-seismic evolution, *J. Geodesy*. doi: 10.1007/ s00190-015-0871-8.
- Gómez, D., R. Smalley, C. Langston, S. Piñon, S. Cimbaro, M. Bevis, E. Kendrick, H. Baron, J.C. Baez, H. Parra, 2015, Co-seismic deformation of the 2010 Maule, Chile earthquake: Validating a least squares collocation interpolation, *GEOACTA*, **40**, 25 -35.
- Melgar, D., R. Allan, S. Riquelme, J. Geng, F. Bravo, J.C. Baez, H. Parra, S. Barrientos, P. Fang, Y. Bock, M. Bevis, D. Caccamise, C. Vigny, M. Moreno, R. Smalley, 2016, Local Tsunami Warnings: Perspectives from Recent Large Events, *Geophys. Res. Lett.*, **43**, 1109–1117, doi:10.1002/2015GL067100. [SEP]
- Bevis, M., D. Melini and G. Spada, 2016, On computing the geoelastic response to a disk load, *Geophys. J. Int.*, **205**, 1804-1812, doi: 10.1093/gji/gww115.

- Wake, L., B. Lecavalier, M. Bevis, 2016, Glacial Isostatic Adjustment (GIA) in Greenland: a Review, *Curr. Clim. Change Rep.*, **2**:101-111, doi: 10.1007/s40641-016-0400-z.
- Weiss, J., B. Brooks, J. Foster, M. Bevis, A. Echalar, D. Caccamise, J. Heck, E. Kendrick, K. Ahlgren, D. Raleigh, R. Smalley, G. Vergani, 2016, Isolating active orogenic wedge deformation in the southern Subandes of Bolivia, *J. Geophys. Res.*, **121**, doi: 10.1002/2016JB013145.
- Khan, S.A., I. Sasgen, M. Bevis, T. van Dam, J. Bamber, J. Wahr, M. Willis, K. Kjaer, B. Wouters, V. Helm, B. Csatho, K. Fleming, A. Bjork, A. Aschwanden, P. Knudsen, P. Kulpers Munneke, 2016, Similarities between post-Last Glacial Maximum and present-day mass loss from the Greenland ice sheet, *Science Advances*, **2**, e1600931.
- Bedford, J., M. Moreno, S. Li, J.C. Baez, M. Bevis, O. Heidbach, D. Lange, 2016, Separating rapid re-locking, afterslip, and viscoelastic relaxation: An application of the postseismic straightening method to Maule 2010 cGPS, *J. Geophys. Res.*, **121**, 7618-7638. doi: 10.1002/2016B01393.
- van Dam, T., O. Francis, J. Wahr, S.A. Khan, M. Bevis and M. R. van den Broeke, 2017, Using GPS and absolute gravity observations to separate the effects of present-day and Pleistocene ice-mass changes in South East Greenland, *Earth Planet. Sci. Letts.*, **459**, 1127-135, doi: 10.1016/j.epsl.2016.11.014
- Lin, L., S.A. Khan, T. van Dam, J. Ma and M. Bevis, 2017, Annual variations in GPS-measured vertical displacements near Upernivik Isstrom (Greenland) and contributions from surface mass loading, *J. Geophys. Res.*, **122**, doi: 10.1002/2016B013494.
- Gómez, D., M. Bevis, E. Pan and R. Smalley, Jr., 2017, The influence of gravity on the displacement field produced by fault slip, *Geophys. Res. Lett.*, **44**, 9321-9329, doi 10.1002/2017GL074113.
- Chen, J., E. Pan and M. Bevis, 2017, Accurate computation of the elastic load Love numbers to high spectral degree for a finely-layered, transversely isotropic and self-gravitating Earth, *Geophys. J. Int.*, **212**, 827-838, doi: 10.1093/gji/ggx444.
- Piñón, D., D. Gómez, R. Smalley Jr., S. Cimbaro, E. Lauría, and M. Bevis, 2018, The history, state, and future of the Argentine Continuous Satellite Monitoring Network and contributions to geodesy in Latin America, *Seism. Res. Lett.*, **89**, 475-482, doi: 10.1785/022017062.
- Báez, J.C., F. Leyton, C. Troncoso, F. del Campo, M. Bevis, C. Vigny, M. Moreno, M. Simons, E. Kendrick, B. Brooks, H. Parra, and F. Blume, 2018, The Chilean GNSS Network: Current status and progress towards Early Warning applications, *Seism. Res. Lett.*, **89**, 1546-1554, doi: 10.1785/0220180011.
- Barletta, V., M. Bevis, B. Smith, T. Wilson, A. Brown, A. Bordoni, M. Willis, S. A. Khan, M. Rovira-Navarro, I. Dalziel, R. Smalley, Jr., E. Kendrick, S. Konfal, D. Caccamise, R. Aster, A. Nyblade, D. Wiens, 2018, 'Rapid bedrock uplift observed in the Amundsen Sea Embayment promotes ice-sheet stability', *Science*, **360**, 1335-1339, doi: 10.1126/science.aao1447
- Bedford, J. and M. Bevis, 2018, Greedy Automatic Signal Decomposition and its application to daily GPS time series, *J. Geophys. Res.*, **123**, 6992-7003, doi: 10.1029/2017JB014765.
- Zhang, B., E. Zhang, L. Liu, S.A. Khan, T. van Dam, Y. Yao, M. Bevis, and V. Heim (2018) Geodetic measurements reveal short-term changes of glacial mass near Jakobshavn Isbrae (Greenland) from 2007 to 2017, *Earth Planet. Sci. Letts.*, **503**, 216-226. <https://doi.org/10.1016/j.epsl.2018.09.029>
- Bevis, M., C. Harig, S. A. Khan, A. Brown, F. Simons, M. Willis, X. Fettweis, M. van den Broeke, F. B. Madsen, E. Kendrick, D. Caccamise, T. van Dam, P. Knudsen, and T. Nylen (2019) Accelerating changes in ice mass within Greenland, and the ice sheet's sensitivity to atmospheric forcing, *Proc. Nat. Acad. Sci.*, **116**, 1934-1939. <https://doi.org/10.1073/pnas.1806562116>
- Fowler, J., C. Ogle, and M. Bevis (2019) An analytic method for computing the infinite sums occurring in the geoelastic disk loading problem, *J. Geophys. Res.*, **124**, 2184-2201, doi: 10.1029/2018JB016220.
- Zhou, J., E. Pan and M. Bevis (2019) A point dislocation in a layered, transversely isotropic and self-gravitating Earth. Part I: Analytical dislocation Love numbers, *Geophys. J. Int.*, **217**, 1681-1705, doi: 10.1093/gji/ggz110.
- Wang, L., S. A. Khan, M. Bevis, M. van den Broeke, M. Kaban, M. Thomas and C. Chen (2019) Downscaling GRACE predictions of the crustal response to present-day mass changes in Greenland, *J. Geophys. Res.*, **124**, doi: 10.1029/2018JB016833.
- Zhao, B., L. Liu, S.A. Khan, T. van Dam, A. Bjork, Y. Peings, E. Zhang, M. Bevis, Y. Yao, and B. Noel (2019) Geodetic data and model results reveal different spatio-temporal patterns of transient mass changes over Greenland from 2007 to 2017, *Earth Planet. Sci. Letts.*, **515**, 154-163, doi.org/10.1016/j.epsl.2019.03.028
- Bevis, M., J. Bedford and D. Caccamise II (2019) The art and science of trajectory modeling, in J-P Montillet and M. Bos, Eds, *Geodetic Time Series Analysis in Earth Sciences*, p. 1-28, https://doi.org/10.1007/978-3-030-21718-1_1.

- Zhou, J., E. Pan and M. Bevis (2019) A point dislocation in a layered, transversely isotropic and self-gravitating Earth. Part II: Accurate Green's functions, *Geophys. J. Int.*, **219**, 1717-1728, doi: 10.1093/gji/ggz392.
- Weiss, J. R., Q. Qiu, S. Barbot, T. Wright, J. Foster, A. Saunders, B. Brooks, M. Bevis, E. Kendrick, T. Ericksen, J. Avery, R. Smalley, S. Cimbaro, L. Lenzano, J. Barón, J.C. Báez, and A. Echalar (2019) Illuminating subduction zone rheological properties in the wake of a giant earthquake, *Science Adv.*, **5**, doi: eaax6720
- Bedford, J., M. Moreno, Z. Deng, O. Oncken, B. Schurr, T. John, J.C. Baez, M. Bevis (2020) Months-long thousand-kilometre wobbling before great subduction earthquakes, *Nature*, **580**, 628-635.
- Khan, S.A., A. Bjork, J. Bamber, M. Morlighem, M. Bevis and 19 additional authors (2020) Centennial response of Greenland's three largest outlet glaciers, *Nature Communications*, **11**, 5718, <https://doi.org/10.1038/s41467-020-19580-5>
- Luo, H., B. Ambrosius, R. Russo, V. Mocanu, K. Wang, M. Bevis, R. Fernandes (2020) A recent increase in megathrust locking in the southernmost rupture area of the giant 1960 Chile earthquake, *Earth and Planetary Science Letters*, **537**, <https://doi.org/10.1016/j.epsl.2020.116200>
- Zhou, J., E. Pan and M. Bevis (2020) A point dislocation in a layered, transversely isotropic and self- gravitating Earth. Part III: Internal deformation, *Geophys. J. Int.*, **223**, 420-443, <https://doi.org/10.1093/gji/ggaa319>
- Sobrero, F., M. Bevis and F. Wang (2020) Logarithmic and exponential transients in GNSS trajectory models as indicators of dominant processes in postseismic deformation, *J. Geodesy*, **94**, 84, <https://doi.org/10.1007/s00190-020-01413-4>
- Lai, Y., L. Wang, M. Bevis, H. Fok, A. Alanazi (2020) Truncate singular value decomposition regularization for estimating terrestrial water storage changes using GPS: A case study over Taiwan, *Remote Sensing*, **12**, 3861, doi:10.3390/rs12233861
- Zhou, J., E. Pan and M. Bevis (2020) A point dislocation in a layered, transversely isotropic and self- gravitating Earth. Part IV: Exact asymptotic solutions of dislocation Love numbers for the special case of isotropy, *Geophys. J. Int.*, **225**, 664-683, <https://doi.org/10.1093/gji/ggaa319>
- Zhou, J., E. Pan and M. Bevis (2021) Deformation due to surface temperature variation on a spherically layered, transversely isotropic and self-gravitating Earth, *Geophys. J. Int.*, **225**, 1672-88, doi: 10.1093/gji/ggab056
- Russo, R., H. Luo, K. Wang, B. Ambrosius, V. Mocanu, J. He, T. James, M. Bevis and R. Fernandes (2021) Lateral variation in slab window viscosity inferred from global navigation satellite system (GNSS)—observed uplift due to recent mass loss at Patagonia ice fields, *Geology*, <https://doi.org/10.1130/G49388.1>
- Hansen, K., M. Truffer, A. Aschwanden, K. Mankoff, M. Bevis, A. Humbert, M. R. van den Broeke, B. Noel, A. Bjork, W. Colgan, K. Kjaer, S. Adhikari, V. Barletta, and S.A. Khan (2021) Estimating Ice Discharge at Greenland's Three Largest Outlet Glaciers Using Local Bedrock Uplift, *Geophys. Res. Letts.*, **48**, e2021GL094252. <https://doi.org/10.1029/2021GL094252>
- Ogle, C., O. Costin, M. Bevis (2021) Non-convergence of the spherical harmonic expansion of gravitational potential below the Brillouin sphere: The continuous case, *J. Math. Physics*, **62**, 10290, <https://doi.org/10.1063/5.0044930>
- Zhang, C., C.K. Shum, A. Bezdék, M. Bevis, J. Teixeira da Encarnação, B. Tapley, Y. Zhang, X. Su, Q. Shen (2021) Rapid Mass Loss in West Antarctica Revealed by Swarm Gravimetry in the Absence of GRACE, *Geophys. Res. Letts.*, **48**, <https://doi.org/10.1029/2021GL095141>
- Costin, O., R. Costin, C. Ogle, M. Bevis (2022) On the domain of convergence of spherical harmonic expansions, *Comm. Math. Physics*, <https://doi.org/10.1007/s00220-021-04262-0>
- Gómez, D., M. Bevis and D. Caccamise (2022) Maximizing the consistency between regional and global reference frames utilizing inheritance of seasonal displacement parameters, *J. Geodesy*, **96**, <https://doi.org/10.1007/s00190-022-01594-0>
- Gómez, D., M. Bevis, R. Smalley, M. Durand, M. Willis, D. Caccamise, E. Kendrick, P. Skvarca, H. Parra and G. Casassa (2022) Transient Ice Loss in the Patagonia Icefields Triggered by the 2015-2016 El Niño Event, *Scientific Reports*, <https://doi.org/10.1038/s41598-022-13252-8>
- Hu, X., C.K. Shum, M. Bevis (2023) A triaxial reference ellipsoid for the Earth, *J. Geodesy*, **97**, 29, <https://doi.org/10.1007/s00190-023-01717-1>
- Zhou, J., E. Pan, M. Bevis, J. Xu, H. Sun (2023) Coupled poroelastic and gravitational deformation of a layered spherical Earth – I: load Love numbers, *Geophys Journal Int.*, **236**, 1390, <https://doi.org/10.1093/gji/ggad495>

- Gómez, D., M. Figueroa, F. Sobrero, R.J. Smalley, M. Bevis, D. Caccamise, E. Kendrick (2023) On the determination of coseismic deformation models to improve access to geodetic reference frame conventional epochs in low-density GNSS networks, *J. Geodesy*, **97**, 46, <https://doi.org/10.1007/s00190-023-01734-0>
- Berg, D., Barletta, V. R., Hassan, J., Lippert, E. Y. H., Colgan, W., Bevis, M., et al. (2023) Vertical land motion due to present-day ice loss from Greenland's and Canada's peripheral glaciers. *Geophysical Research Letters*, **51**, e2023GL104851. <https://doi.org/10.1029/2023GL104851>
- Bevis, M., C. Ogle, O. Costin, C. Jekeli, J. Fowler, R. Costin, G. Dunne, C.K. Shum, and K. Snow (2024) Divergence beneath the Brillouin sphere and the phenomenology of prediction error in spherical harmonic series approximations of the gravitational field, *Reports of Progress in Physics*, **87**, <https://doi.org/10.1088/1361-6633/ad44d5>
- Kurtz, B., D. Gómez and M. Bevis (2024) Characterization of the precision of PPP solutions as a function of latitude and session length, *J. Geodetic Science*, **14**, <https://doi.org/10.1515/jogs-2022-0176>
- Sobrero, F., K. Ahlgren, M. Bevis, D. Gómez, J. Heck, A. Echalar, D. Caccamise, E. Kendrick, P. Montenegro, A. Batisitti, L. Contreras Choque, J.C. Catari, R. Tinta Sallico, and H. Guerra (2024), A robust approach to terrestrial relative gravity measurements and adjustment of gravity networks, *J. Geodesy*, **98**, <https://doi.org/10.1007/s00190-024-01891-w>
- Figueroa, M., F. Sobrero, D. Gómez, R. Smalley, M. Bevis, W.A. Griffith, D. Caccamise, and E. Kendrick (2024) Creep on the Argentine Precordillera Décollement Following the 2015 Illapel, Chile, Earthquake: Implications for Andean Seismotectonics, *Geophysical Research Letters*, **51**, <https://doi.org/10.1029/2024GL110945>
- Gómez, D., M. Bevis, D. Caccamise, W.A. Griffiths, J. Heck and R. Smalley (2024) An empirical tool for predicting coseismic displacements at GNSS stations, *GPS Solutions*, **28**, <https://doi.org/10.1007/s10291-024-01758-9>
- Ran J., P. Ditmar, M.R. van den Broeke , L. Liu , R. Klees, S.A. Khan, T. Moon, J. Li, M. Bevis , M. Zhong , X. Fettweis, J. Liu, B. Noël , C.K. Shum , J. Chen, L. Jiang , and T. van Dam (2024) Vertical bedrock shifts reveal summer water storage in Greenland ice sheet, *Nature*, <https://doi.org/10.1038/s41586-024-08096-3>

arXiv preprint publications:

- Costin, O., R. Costin, C. Ogle and M. Bevis (2020) On the domain of convergence of spherical harmonic expansions, [arXiv:2011.05709](https://arxiv.org/abs/2011.05709)
- Ogle, C., O. Costin, and M. Bevis (2020) Non-convergence of the spherical harmonic expansion of gravitational potential below the Brillouin sphere; the continuous case, [arXiv:2011.04724](https://arxiv.org/abs/2011.04724)

Papers in progress:

- Wang, F., M. Bevis, F. Sobrero, D. Gómez, 2024, *in prep.*
- Yang, X., L. Wang, M. Bevis, S.A. Khan, Z. Peng (2024) Joint inversion of the mass changes in the Greenland ice sheet using GNSS and GRACE data, *in prep.*

Selected Reports:

- Bevis, M. (1991) GPS Networks: The Practical Side, *Eos, Trans. Amer. Geophys. Union*, **72**, (49), 55-56.
- Bevis, M., and 14 others (2022) America's loss of capacity and international competitiveness in geodesy, the economic and military implications, and some modes of corrective action, *Amer. Assoc. Geodetic Surv.*, <https://aagsmo.org/the-geodesy-crisis/>

Theses:

- Bevis, M., 1982, Hypocentral trend surface analysis: regional and fine structure of selected intermediate depth Benioff zones, Ph.D. Thesis, Cornell University, Ithaca, N.Y., 113 p. (Advisor: B.L. Isacks)
- Bevis, M., 1978, The far infrared absorption of praseodymium chloride, M.S. Thesis, Cornell University, Ithaca, N.Y., 59 p. (Advisor: A.J. Sievers)

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