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July 1, 2021

## CURRICULUM VITAE

### EDUCATION:

- *Stanford University*, Stanford, California, Ph.D., Geological Sciences, 1993.
- *University of Colorado*, Boulder, Colorado, M.S., Structural Geology, 1989.
- *Universität Tübingen*, Germany, Vordiplom, Geology, Paleontology and Mineralogy, 1987.

### RESEARCH INTERESTS:

Active tectonics and crustal rheology. Using the Global Positioning System and Synthetic Aperture Radar Interferometry to measure crustal deformation near active faults, volcanoes and landslides. Develop mechanical models of crustal deformation through the earthquake cycle along major fault zones to better understand the rheology and deformation mechanisms in the Earth's lithosphere.

### PROFESSIONAL EXPERIENCE:

Since 06/06	Professor, Department of Earth and Planetary Science, UC Berkeley
01/01-06/06	Associate Professor, Dept. of Earth and Planetary Science, UC Berkeley
07/98-12/00	Assistant Professor, Department of Geology and Geophysics, UC Berkeley
01/95-06/98	Assistant Professor, Department of Geology, UC Davis
10/93-12/94	Postdoctoral Scholar, Department of Geophysics, Stanford University
06/91-09/91	Student Employee at U.S. Geological Survey, Menlo Park
09/89-06/91	Teaching Assistant, Department of Geology, Stanford University
09/88-05/89	Research Assistant, Department of Geology, University of Colorado, Boulder
10/86-06/87	Research Assistant, Universität Tübingen, Germany

### AWARDS AND MEMBERSHIPS:

Fellow, American Association for the Advancement of Science (AAAS), 2019  
Miller Research Professor, UC Berkeley, 2014  
Fellow, American Geophysical Union (AGU), 2013  
Birch Lecturer, American Geophysical Union, 2013 Fall Meeting  
UC Berkeley Faculty Award for Excellence in Postdoctoral Mentoring, 2012  
Alexander von Humboldt Foundation, Friedrich Wilhelm Bessel Prize, 2005  
Geological Society of America Outstanding Student Research Award, 1992  
Stanford-U.S. Geological Survey Graduate Fellowship, 1991-92  
Geological Society of America Grant, 1988, 1990, 1991, and 1992  
Mc Gee Award, 1990, 1991, and 1992  
Centennial Teaching Assistant Award, Stanford University, 1991  
Donath Honors Fellowship in Earth Sciences, 1990-91  
Sigma Xi Grants-in-Aid, 1990

Fulbright Scholarship, 1987-1989

'Studienstiftung des Deutschen Volkes' Scholarship 1987-1989

Member of the AAAS, AGU, GSA, and SSA

**SERVICE (Since 2010):**

- 2007 – 2010 Elected member, SSA Board of Directors
- 2007 – 2012 SSA Publications Committee
- 2008 – 2013 Member, Editorial Advisory Board, *Eos*
- 2008 – 2010 Elected, Vice-chair, WInSAR Standing Committee
- 2008 – 2011 Member, PBO Advisory Committee
- 2010 Member, USGS-NEHRP proposal review panel, Earthquake Physics
- Since 2011 Member, National Earthquake Prediction Evaluation Council (NEPEC)
- 2009 – 2012 Department Chair, EPS
- 2011 – 2012 Member, Organizing Committee of Workshop on Advancing Experimental Rock Deformation Research: Scientific and Technical Needs
- 2012 – 2016 Member, Southern California Earthquake Center (SCEC) Board of Directors
- 2009 – 2012 Chair, Department of Earth and Planetary Science, UC Berkeley
- 2013 – 2017 Member, Earth Science Subcommittee (ESS) of NASA Advisory Council
- Since 2013 Member, Facilities Committee of DEFORM
- 2014 - 2019 Member, Membership Committee of UNAVCO
- Since 2014 Member, AGU Tectonophysics Union Fellows Committee
- 2014-2016 Co-Chair, IRIS Science Advisory Committee: Faulting and deformation processes
- Since 2014 Member, SSA Honors Committee
- Since 2014 EPS Head Graduate Advisor and Advisor for GSI Affairs
  
- 2014-2015 Member, Organizing Committee, Future Seismic and Geodetic Facility Needs in the Geosciences Workshop
- Since 2015 Advisory Board for COMET (Centre for the Observation and Modelling of Earthquakes, Volcanoes and Tectonics), Leeds UK
- 2015-2016 Member, Organizing Committee, 2016 UNAVCO Science Workshop
- 2015-2016 Guest editor, Special Issue in the Journal of Asian Earth Sciences on 25 April 2015 Gorkha Earthquake in Nepal Himalaya
- 2015-2016 Member, UNAVCO Board Nominating Committee
- 2015 Member, EPS faculty promotion review Ad-Hoc Committee
- 2016 Co-leader SSA Workshop on Publishing for early career scientists, Reno
- Since 2016 Member, Executive Committee, Miller Institute for Basic Research in Science, Berkeley
- 2016 - 2019 Member, Committee on Research (COR), UC Berkeley
- Since 2016 Chair, USGS National Earthquake Prediction Evaluation Council (NEPEC)
- Since 2016 Member, USGS Scientific Earthquake Studies Advisory Committee (SESAC)

2016-2017	Chair, SSA Awards Encouragement Committee (SAEC)
Since 2017	Member SSA Awards Encouragement Committee (SAEC)
2017-2022	Member, Advisory Committee of the Institute of Earth Sciences, Academia Sinica
Since 2017	Member, NASA Earth Science Advisory Committee (ESAC, former ESS)
2017 - 2019	Co-leader SSA Workshop on Peer Review for early career scientists, Denver, Miami and Seattle
2007 – 2019	Member, Editorial Board, <i>Earth and Planetary Science Letters</i>
2019	Co-chair, SSA Meeting Student Presentation Award
2019	Member, Berkeley Campus Ad Hoc Review Committee (CAHRC)
Since 2019	Member, Advisory Committee of Research Coordination Network: In situ Studies of Rock Deformation (ISRD)
2019	Member, External Review Committee EAPS Department, Purdue University
2019-2021	<i>Special Issue Associate Editor, Journal of Geophysical Research</i>
Since 2020	Member, Steering Committee, SZ4D
2020	Member, SCEC Committee on Basic Questions of Earthquake Science
2020-2021	Member, Science Coordination Committee, 2021 GAGE/SAGE Science Workshop
Since 2021	Elected member, UNAVCO Board of Directors

#### INVITED LECTURES (Since 2009):

04/01/2021 Univ. of Utah, SLC	Earthquake Weather? Seasonal Water Storage, Deformation and Seismicity
01/13/2021 Univ. of Oregon, Eugene	Seasonal water storage and modulation of earthquakes
10/27/2020 IGPP Seminar, SIO/UCSD	Seasonal water storage and modulation of earthquakes
10/21/2020 Basic Science Lights the Way: “The Overactive Earth”, UC Berkeley	Active Tectonics on an Overactive Earth
09/30/2020 Northern California Geological Society (NCGS)	A close-up view of Bay Area natural hazards from outer space
08/05/2020 Seafloor Geodesy <a href="https://www.unavco.org/education/professional-development/short-courses/2020/seafloorgeodesy/seafloorgeodesy.html">https://www.unavco.org/education/professional-development/short-courses/2020/seafloorgeodesy/seafloorgeodesy.html</a>	State-of-the-Art in Seafloor Geodesy
04/03/2020 DeTect Series <a href="http://www.ipgp.jussieu.fr/~klinger/web_Yann/Detect_page/detect.html">http://www.ipgp.jussieu.fr/~klinger/web_Yann/Detect_page/detect.html</a>	Slow Fault Slip
10/06/2019, Megathrust Modeling Workshop, Eugene, OR	Slow Slip, Asperities and Deformation
06/24/2019, COMET, York, UK	Geophysical Probing of Fault Rheology
06/17/2019, Tel Aviv University, Israel	The ingredients of slow fault slip
04/04/2019, GFZ Potsdam, Germany	Mechanical Ingredients of Slow Fault-Slip Transients
10/20/2018, UC Berkeley, Science at Cal	A shaky anniversary: Lessons learned since the October 21, 1868 Hayward earthquake
	Seasonal Deformation and Seismicity in California

08/06/2018, Univ. of Sci. and Technology, Hefei, China	
08/03/2018, Institute of Seismology, CEA, Wuhan, China	Water and Tides Modulate Deformation, Seismicity and Tremor in California
08/01/2018 ISGG 2018 Symposium, Kunming, China	Probing the Deep Rheology of the Tibetan Plateau
07/02/2018 COMET Annual Workshop, Lee Valley, UK	InSAR Characterization of Slow Moving Landslides
06/28/2018 ISTerre Grenoble, France	Water and Tides Modulate Deformation, Seismicity and Tremor in California
06/25/2018 50 Years of Plate Tectonics Symposium, Collège de France, Paris	Probing the Rheology of the Asthenosphere
11/17/2016 Joint Meeting of the U.S.-Japan Panel on Earthquake Research (UJNR), Napa, CA	Transient Deformation and Stress From Enduring Postseismic Deformation of the 2011 Tohoku-Oki Earthquake
08/08/2016 National Normal Taiwan University, Taipei, Taiwan	Periodic Deformation, Seismicity and Tremor in California
07/20/2016 International Symposium Crustal Dynamics, Takayama, Japan	Transient Deformation and Stress From Postseismic Deformation of Great Megathrust Earthquakes
07/15/2016 Tohoku University, Japan	Transient Deformation and Stress From Postseismic Deformation of Great Megathrust Earthquakes
10/15/15 Dept. of Geosciences, UT Austin	Climate driven water storage, deformation and earthquakes in California
10/16/15 UT Institute of Geophysics	What gives in the lower crust? Evidence from postseismic relaxation and tidally triggered tremors
07/07/2015 Ecole Normale Supérieure, Paris; 07/13/2015 School of Earth and Environment, University of Leeds; 07/21/2015 University College of London; 07/23/2015 University of Cambridge	Periodic Crustal Deformation and Seismicity
06/29/2015 Kandilli Observatory, Istanbul	Aseismic Fault Slip Along the San Andreas Fault System from GPS and InSAR
05/12/2015 Earth and Planetary Sciences Dept., UCSC	Periodic Crustal Deformation and Seismicity
12/04/2014 Dept. of Earth, Planetary and Space Sciences, UCLA	Periodic Crustal Deformation and Seismicity
10/16/2014 Geophysics Dept., Stanford University	Periodic Crustal Deformation and Seismicity
10/09/2014 EPS Distinguished Faculty Lecture, Berkeley	Periodic Crustal Deformation and Seismicity
06/09/2014 USGS Western Region Colloquium	Periodic Deformation and Seismicity: From Tides to Seasonal Water Loads
05/05/2014 Department of Earth Sciences, USC	Periodic Deformation and Seismicity: From Tides to Seasonal Water Loads
01/17/2013 Geophysics Department, Stanford University	Megathrust earthquake cycle deformation in Sumatra and Japan
10/22/2012 EOS Singapore, Workshop on Seafloor Geodesy	The Value of Seafloor Geodesy for Subduction Zone Earthquake Cycle Studies

09/26/2012 Symposium of Global COE Program for Earth Sciences	Resolving Postseismic Relaxation Processes Following the 2011 Tohoku Earthquake
07/01&07/03/2012 Lair of the Bear, Pinecrest California	California Earthquakes! (public lecture to UC Berkeley Alumni)
03/18/2012 Geofluids Symposium: Dynamics and Evolution of the Earth's Interior, Misasa Japan	The Role of Fluids in the Rheology of Rocks and Fault Zones in the Lower Crust and Upper Mantle
09/19/2011 EarthScope Institute on Lithosphere-Asthenosphere Boundary, Portland	Lithosphere and Asthenosphere Rheology from Post-loading Deformation
03/29/11 UC Berkeley Panel Discussion, Earthquakes, tsunamis and nuclear fallout: Is California at risk like Japan?	What does the future hold for earthquakes in CA?
10/14/2011 EarthScope Institute on the Spectrum of Fault Slip Behavior, Portland	Triggering and Modulation of Slow Slip: Implications for Mechanics and Hazard
06/24/10 EOS Nanyang Technological University, Singapore	Postseismic Relaxation, Slow Slip and Tremor: Rheology of the Lithosphere and Faults
11/23/09 Caltech	Probing The Rheology And Localization Of Deformation In The Lower Crust: Evidence From Postseismic Relaxation And Tremor
10/18/09 Loma Prieta Earthquake Commemorative Symposium, San Francisco	New Insights into the San Andreas Fault System from Space Geodesy and the next Generation of Crustal Deformation Models
07/23/09 INGV Bologna, Italy	Lithosphere and Fault Rheology from Earthquake Cycle Deformation
07/21/09 Tele-Rilevamento Europa, Milano, Italy	Active Tectonics and Non-Tectonics of the San Francisco Bay Area from PS-InSAR
07/13/09 "Frontiers in Earth Sciences" Lecture Series, Ludwig Maximillian Univ., Germany	Active Tectonics and Non-Tectonics of the San Francisco Bay Area from Space Geodesy
07/03/09 DLR, Oberpfaffenhofen, Germany	Active Tectonics and Non-Tectonics of the San Francisco Bay Area from InSAR
06/30/09 Geophysics Department, Ludwig Maximillian Univ., Germany	Lithosphere Rheology from Postseismic Deformation
05/01/09 INPA Seminar, LBNL	Earthquake potential of the Hayward fault
03/23/09 Univ. of Southern California	Lithosphere Rheology from Postseismic Deformation: What's for Dessert?

## **JOURNAL REVIEWS:**

Reviewed papers published in Science, Nature, Nature Geoscience, Tectonics, Tectonophysics, Physics of the Earth and Planetary Interiors, J. of the Geological Society of India, J. of Volcanological and Geothermal Research, Terra Nova, Israel J. of Earth Sciences, Earth and Planetary Science Letters, Geophysical J. International, Geophysical Research Letters, Geology, Geological Society of America Bulletin, J. of Geophysical Research, and Bulletin of the Seismological Society of America.

**PUBLICATIONS** (Orcid ID: [0000-0002-3560-044X](https://orcid.org/0000-0002-3560-044X)):

1989:

1. Ratschbacher, L., Meschede, M., Frisch, W., Bürgmann, R., Ott, R., Richter, C., Streck, M., and Wech, A., Personal Computer in Strukturgeologie und Tektonik, *Zeitsch. dt. geol. Ges.*, v.140, 219-229.

1990:

2. Behr, J., Bilham, R., Bodin, P., Burford, R.O., Bürgmann, R., 1990, Aseismic slip on the San Andreas fault south of Loma Prieta, *Geophys. Res. Lett.*, 17, 1445-1448.

1991:

3. Bürgmann, R., 1991, Transpression along the southern San Andreas Fault, Durmid Hill, California, *Tectonics*, 10, 1152-1163.

1992:

4. Bürgmann, R., and Pollard, D.D., 1992, Influence of the state of stress on the brittle-ductile transition in granitic rock: Evidence from fault steps in the Sierra Nevada, California, *Geology*, 20, 645-648.

1994:

5. Bürgmann, R., Arrowsmith, R., Dumitru, T., and McLaughlin, R., 1994, Rise and fall of the southern Santa Cruz Mountains, California, from fission tracks, geomorphology, and geodesy, *Journal of Geophysical Research*, 99, 20,181-20,202
6. Bürgmann, R., Pollard, D.D., and Martel, S.J., 1994, Slip distribution on faults: effects of stress gradients, inelastic deformation, heterogeneous host-rock stiffness, and fault interaction, *Journal of Structural Geology*, 16, 1675-1690.
7. Bürgmann, R., And Pollard, D.D., 1994, Strain accomodation about strike-slip fault discontinuities in granitic rock under brittle-to-ductile conditions, *Journal of Structural Geology*, 16, 1655-1674.
8. Bürgmann, R., Arrowsmith, R., and Dumitru, T., 1994, Slip Rates and Earthquake Hazard Along the Foothills Thrust Belt in the Southern San Francisco Bay Area, *USGS Open File Report*, 31-33.

1995:

9. Owen, S., Segall, P., Freymueller, J., Miklius, A, Denlinger, R., Arnadottir, T., Sako, M., Bürgmann, R., 1995, Rapid deformation of the south flank of Kilauea Volcano, Hawaii, *Science*, 267, 1328-1332.
10. Paul, J., Blume, F., Jade, S., Kumar, V., Swathi, P.S., Ananda, M.B., Gaur, V.K., Bürgmann, R., Bilham, R., Namboodri, B., Mencin, D., 1995, Microstrain stability of Peninsular India 1864-1994, *Proceedings of the Indian Academy of Sciences (Earth Planetary Sciences)*, 104, No. 1, 131-146.

1996:

11. E. Boschi, D. Giardini, D. Pantosti, G. Valensise, R. Arrowsmith, Basham, R. Bürgmann, A. Crone, A. Hull, R. McGuire, D. Schwartz, K. Sieh, S. Ward and R. Yeats, 1996, New Trends in Active Faulting Studies for Seismic Hazard Assessment, *Annali di Geofisica*, 34, 1301-1307.
12. Bürgmann, R., 1996, Earth Crust, *in* McGraw-Hill Yearbook of Science and Technology, McGraw-Hill, New York, p.153-157
13. Freymueller, J., Bilham, R., Bürgmann, R., Larson, K.M., Paul, J., Jade S., and, Gaur, V., 1996, Global Positioning System measurements of Indian plate motion and convergence across the Lesser Himalaya, *Geophysical Research Letters*, 23, 3107-3110.

1997:

14. Bürgmann, R., 1997, Active detachment faulting in the San Francisco Bay area?, *Geology*, 25, p.1135-1138.

15. Bürgmann, R., Segall, P., Lisowski, M., and Svarc, J.L., 1997, Postseismic Strain Following the 1989 Loma Prieta Earthquake From GPS and Leveling Measurements, *Journal of Geophysical Research*, 102, p.4933-4955.
  16. Bürgmann, R., Segall, P., Lisowski, M., and Svarc, J.L., 1997, Strain development subsequent to the 1989 Loma Prieta earthquake, *U.S.G.S. Professional Paper 1550D*, p.209-244.
- 1998:
17. Arrowsmith, R., Bürgmann, R., and Dumitru, T., 1998, Uplift and fault slip rates in the southern San Francisco bay area from fission-tracks, geomorphology, and geodesy, in Quaternary geochronology and seismic hazards assessments, in Noller, J. S., Sowers, J. M., and Lettis, W. R., eds., *Dating and earthquakes: Review of Quaternary geochronology and its application to paleoseismology*: U. S. Nuclear Regulatory Commission, NUREG/CR 5562, 345-351.
  18. Bürgmann, R., Fielding, E., and Sukhatme, J., 1998, Slip along the Hayward fault, California, estimated from space-based synthetic aperture radar interferometry, *Geology*, 26, no. 6, 559-562.
  19. Gross, S., and Bürgmann, R., 1998, Rate and state of background stress estimated from the aftershocks of the 1989 Loma Prieta, California, earthquake, *J. Geophys. Res.*, 103, 4915-4927.
  20. Pollitz, F., R. Bürgmann, and B. Romanowicz, 1998, Viscosity of oceanic asthenosphere inferred from remote triggering of earthquakes, *Science*, 280, 1245-1249.
  21. Pollitz, F., Bürgmann, R., and Segall, P., Joint estimation of afterslip rate and postseismic relaxation following the 1989 Loma Prieta earthquake, *J. Geophys. Res.*, 103, 26,975-26,992, 1998.
- 1999:
22. Bürgmann, R., Larson, K., and Bilham, R., 1999, Model Inversion Of GPS And Leveling Measurements Across The Himalaya: Implications For Earthquake Hazards And Future Geodetic Networks, *Himalayan Geology*, 20, 59-72.
  23. Larson, K., Bürgmann, R., Bilham, R., and Freymueller, J.T., 1999, Kinematics of the India-Eurasia collision zone from GPS measurements, *J. Geophys. Res.*, 104, 1077-1093.
- 2000:
24. Bürgmann, R., Rosen, P., and Fielding, E., Synthetic aperture radar interferometry to measure Earth's surface topography and its deformation, *Annual Reviews of Earth and Planetary Sciences*, 28, 169-209, 2000.
  25. Bürgmann, R. Schmidt, D., Nadeau, R., D'Alessio, M., Fielding, E., Lawrence, S., Manaker, D., McEvelly, T., and Murray, M.H., Earthquake potential along the northern Hayward fault, California, *Science*, 289, 1178-1182, 2000.
  26. Pollitz, F.F., Peltzer, G., and Bürgmann, R., Mobility of continental mantle: Evidence from postseismic geodetic observations following the 1992 Landers earthquake, *J. Geophys. Res.* 105, 8035-8054, 2000.
  27. Reilinger, R. E., S. Ergintav, R. Bürgmann, S. McClusky, O. Lenk, A. Barka, O. Gurkan, L. Hearn, K. L. Feigl, R. Cakmak, B. Aktug, H. Ozener, M. N. Töksoz, Coseismic and postseismic fault slip for the 17 August 1999, M=7.5, Izmit, Turkey Earthquake *Science*, 289, 1519-1524, 2000.
  28. Segall, P., R. Bürgmann, and M. Matthews, Time dependent deformation following the 1989 Loma Prieta earthquake, *J. Geophys. Res.*, 105, 5615-5634, 2000.
- 2001:
29. Ayhan, M. E., Bürgmann, R., McClusky, S., Lenk, O., Aktug, B., Herece, E., and Reilinger, R.E., Kinematics of the Mw 7.2, 12 November 1999, Düzce, Turkey earthquake, *Geophys. Res. Lett.* 28, 367-370, 2001.
  30. Bürgmann, R., M.G. Kogan, V.E. Levin, C.H. Scholz, R.W. King, and G.M. Steblov, Rapid aseismic moment release following the 5 December, 1997 Kronotsky, Kamchatka, earthquake, *Geophys. Res. Lett.*, 28, 1331-1334, 2001.

31. Cannon, E.C., and Bürgmann, R., Prehistoric fault offsets of the Hilina fault system, South Flank of Kilauea Volcano, Hawaii, *J. Geophys. Res.*, 106, 4207-4219, 2001.
32. Cannon, E.C., Bürgmann, R., and Owen, S.E., Shallow normal faulting and block rotation associated with the 1975 Kalapana earthquake, Kilauea Volcano, Hawaii, *Bull. Seismol. Soc. Am.*, 91, 1553-1562, 2001.
33. Paul, J., R. Bürgmann, V.K. Gaur, R. Bilham, K. Larson, M.B. Ananda, T.S. Anupama, S. Jade, D. Kumar, and M. Mukul, The motion and active deformation across India, *Geophys. Res. Lett.* 28, 647-651, 2001.
34. Pollitz, F.F., Kellogg, L, and Bürgmann, R., Sinking mafic body in a reactivated lower crust: A mechanism for stress concentration at the New Madrid seismic zone, *Bull. Seismol. Soc. Am.*, 91, 1882-1897, 2001.

2002:

35. Banerjee, P., and Bürgmann, R., Convergence across the northwest Himalaya from GPS measurements, *Geophys. Res. Lett.*, 29, 10.1029/2002GL015184, 2002.
36. Bürgmann, R., M.E. Ayhan, E.J. Fielding, T.J. Wright, S. McClusky, B. Aktug, C. Demir, O. Lenk, and A. Türkezer, Deformation during the 12 November 1999 Düzce, Turkey Earthquake, from GPS and InSAR Data, *Bull. Seism. Soc. Am.*, 92, 161-171, 2002.
37. Bürgmann, R., S. Ergintav, P. Segall, E.H. Hearn, S. McClusky, R.E. Reilinger, H. Woith, and J. Zschau, Time-dependent distributed afterslip on and deep below the Izmit earthquake rupture, *Bull. Seism. Soc. Am.*, 92, 126-137, 2002.
38. Dzurisin, D., M.P. Poland, and R. Bürgmann, Steady subsidence of Medicine Lake Volcano, northern California, revealed by repeated leveling surveys, *J. Geophys. Res.*, 107, doi:10.1029/2001JB000893, 2002.
39. Ergintav, S., R. Bürgmann, S. McClusky, R. Cakmak, R.E. Reilinger, O. Lenk, A. Barka, and O. Gurkan, Postseismic deformation following Izmit earthquake, 17 August 1999, *Bull. Seism. Soc. Am.*, 92, 194-207, 2002.
40. Feigl, K.L., F. Sarti, H. Vadon, P. Durand, S. McClusky, S. Ergintav, R. Bürgmann, A. Rigo, D. Massonnet, and R. Reilinger, Estimating slip distribution for the Izmit mainshock from coseismic GPS, ERS-1, RADARSAT and SPOT measurements, *Bull. Seism. Soc. Am.*, 92, 138-160, 2002.
41. Hearn, E.H., R. Bürgmann, and R. Reilinger, Dynamics of Izmit earthquake postseismic deformation and loading of the Düzce earthquake hypocenter, *Bull. Seism. Soc. Am.*, 92, 172-193, 2002.
42. Price, E.J., and Bürgmann, R., Interactions between the Landers and Hector Mine earthquakes from space geodesy, boundary element modeling, and time-dependent friction, *Bull. Seism. Soc. Am.*, 92, 1450-1469, 2002.

2003:

43. Battaglia, M., D. Zuliani, D. Pascutti, A. Michelini, I. Marson, M.H. Murray, and R. Bürgmann, Network Assesses Earthquake Potential in Italy's Southern Alps, *Eos*, 84 (28), 262-264, 2003.
44. d'Alessio, M.A., A.E. Blythe, and R. Bürgmann, No frictional heat along the San Gabriel fault, California: Evidence from fission track thermochronology, *Geology*, 31, 541-544, 2003.
45. Hreinsdóttir, S., J.T. Freymueller, H. Fletcher, C.F. Larsen, and R. Bürgmann, Coseismic slip distribution of the 2002 Mw 7.9 Denali fault earthquake, Alaska, determined from GPS measurements, *Geophys. Res. Lett.*, 30, doi:10.1029/2003GL017447, 2003.
46. Kogan, M.G., R. Bürgmann, N.F. Vasilenko, C.H. Scholz, R.W. King, A.I. Ivashchenko, D.I. Frolov, G.M. Steblov, C.U. Kim, and S.G. Egorov, The 2000 Mw 6.8 Ulegorsk earthquake and regional plate boundary deformation of Sakhalin from geodetic data, *Geophys. Res. Lett.*, 30, doi:10.1029/2002GL016399, 2003.
47. Lynch, J.C., R. Bürgmann, M.A. Richards, and R.M. Ferencz, When faults communicate: viscoelastic coupling and earthquake clustering in a simple two-fault strike-slip system, *Geophys. Res. Lett.*, 30, doi:10.1029/2002-GL016765, 2003.



48. Manaker, D., Bürgmann, R., Prescott, W., and Langbein, J., Distribution of interseismic slip rates and the potential for significant earthquakes on the Calaveras fault, central California, *J. Geophys. Res.*, *108*, doi:10.1029/2002JB001749, 2003.
49. Schmidt, D.A., and Bürgmann, R., Time dependent land uplift and subsidence in the Santa Clara valley, California, from a large InSAR data set, *J. Geophys. Res.*, *108*, doi:10.1029/2002JB002267, 2003.
50. Steblov, G., M. Kogan, R.W. King, C.H. Scholz, R. Bürgmann, and D. Frolov, Imprint of the North American Plate in Siberia Revealed by GPS, *Geophys. Res. Lett.*, *30*, doi:10.1029/2003GL017805, 2003.

2004:

51. Battaglia, M., M.H. Murray, E. Serpelloni, and R. Bürgmann, The Adriatic region: an independent microplate within the Africa-Eurasia collision zone., *Geophys. Res. Lett.*, *31*, (9), doi:10.1029/2004GL019723, 2004.
52. Blythe, A.E., M.A. d'Alessio, and R. Bürgmann, Constraining the exhumation and burial history of the SAFOD pilot hole at Parkfield, California, with apatite fission track and (U-Th)/He thermochronometry, *Geophys. Res. Lett.*, *31* (L15S16), doi: 10.1029/2003GL019407, 2004.
53. Chandrasekhar, D.V., D.C. Mishra, B. Singh, V. Vijayakumar, and R. Bürgmann (2004), Source parameters of the Bhuj earthquake, India of January 26, 2001 from height and gravity changes, *Geophys. Res. Lett.*, *31* (19), doi:10.1029/2004GL020768.
54. Ferretti, A., F. Novali, R. Bürgmann, G. Hilley, and C. Prati (2004), InSAR Permanent Scatterer Analysis Reveals Ups and Downs in the San Francisco Bay Area, *Eos*, *85* (34), 317, 324.
55. Freed, A.M., and R. Bürgmann (2004), Evidence of powerlaw flow in the Mojave desert mantle, *Nature*, *430* (doi:10.1038/nature02784), 548-551.
56. Galalaut, V.K., and Bürgmann, R.,(2004) Constraints on the source parameters of 26 January 2001 Bhuj, India earthquake from satellite images, *Bull. Seism. Soc. Am.*, *94*, 6, 2407–2413.
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