

Timothy Paul Dooley

Professional Summary

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Academic Background

B.S., Honors Degree, 1st Class, Natural Sciences–Geology, University of Dublin, Ireland, 1988
Ph.D. Geology, University of London, Royal Holloway and Bedford New College, 1994

Areas of Expertise

- A. Dynamics and kinematics of fault systems using scaled analog modeling, field studies, remote sensing, seismic data, and comparison with published examples.
- B. 3D Geometries and kinematics of strike-slip fault systems using innovative analog modeling techniques.
- C. Modeling of delta tectonics, salt tectonics, and segmented strike-slip and extensional fault systems.

Professional Work Experience

- A. Present Position: Research Scientist, Bureau of Economic Geology, The University of Texas at Austin (December 2005 - Present).

Structural geology and analog modeling, Applied Geodynamics Laboratory.

- B. Postdoctoral Fellow, Bureau of Economic Geology, The University of Texas at Austin (December 2003 - December 2005).

Structural geology and analog modeling, Applied Geodynamics Laboratory.

- C. Senior Researcher/Laboratory Manager, Analogue Modelling Laboratories, Department of Geology, Royal Holloway, University of London, Egham, Surrey, England (1994 - 2003).

Dynamics and kinematics of fault systems using scaled analog modeling, field studies, remote sensing, seismic data, and comparison with published examples.

Awards and Honorary Societies

AAPG Top-Ten Poster Award for "Canopy Evolution: Deformation Processes and Subsidence Patterns," which was presented at the 2011 AAPG Annual Convention, 2011

AAPG Top-Ten Poster Award for "Deformation Styles and Linkage of Salt Walls during Oblique Shortening," presented at the 2009 AAPG Annual Convention, Denver, Colorado, 2009

Jules Braunstein Memorial Award for best poster at AAPG Annual Convention, Dismembered Sutures Formed during Asymmetric Salt-Sheet Collision, 2008

Publications

Chapters/Sections

- Wu, J. E., McClay, K. R., Whitehouse, P., and Dooley, T., 2012, Chapter 25. 4D analogue modelling of transtensional pull-apart basins, *in* Roberts, D. G., and Bally, A. W., eds., *Regional geology and tectonics Phanerozoic passive margins, cratonic basins, and global tectonic maps*: Amsterdam, Elsevier, 701–726.
- Cartwright, J. A., Jackson, M. P. A., Dooley, T., and Higgins, S., 2012, Strain partitioning in gravity-driven shortening of a thick, multilayered evaporite sequence, *in* Alsop, G. I., Archer, S. G., Hartley, A. J., Grant, N. T., and Hodgkinson, R., eds., *Salt tectonics, sediments and prospectivity*: London, Geological Society, Special Publications 363, p. 449–470.

Articles

Peer Reviewed

- Moscardelli, L., Dooley, T., Dunlap, D. B., Jackson, M. P. A., and Wood, L. J., 2012, Deep-water polygonal fault systems as terrestrial analogs for large-scale Martian polygonal terrains: *GSA Today*, v. 22, no. 8, p. 4–9. doi:10.1130/GSATG147A.1.
- Dooley, T. P., Hudec, M. R., and Jackson, M. P. A., 2012, The structure and evolution of sutures in allochthonous salt: *AAPG Bulletin*, v. 96, no. 6, p. 1045–1070.
- Jackson, M. P. A., Adams, J. B., Dooley, T. P., Gillespie, A. R., and Montgomery, D. R., 2011, Modeling the collapse of Hebes Chasma, Valles Marineris, Mars: *Geological Society of America Bulletin*, v. 123, no. 7/8, p. 1596–1627.
- Jackson, M. P. A., Hudec, M. R., and Dooley, T. P., 2010, Some emerging concepts in salt tectonics in the deepwater Gulf of Mexico: intrusive plumes, canopy-margin thrusts, minibasin triggers and allochthonous fragments: *The Geological Society, London, Petroleum Geology Conference Series*, v. 7, p. 899–912. doi: 10.1144/0070899
- Dooley, T. P., Jackson, M. P. A., and Hudec, M. R., 2009, Inflation and deflation of deeply buried salt stocks during lateral shortening: *Journal of Structural Geology*, v. 31, no. 6, p. 582–600.
- Adams, J. B., Gillespie, A. R., Jackson, M. P. A., Montgomery, D. R., Dooley, T. P., Combe, J. -P., and Schreiber, B. C., 2009, Salt tectonics and collapse of Hebes Chasma, Valles Marineris, Mars: *Geology*, v. 37, no. 8, p. 691–694.
- Wu, J. E., McClay, K. R., Whitehouse, P., and Dooley, T., 2009, 4D analogue modelling of transtensional pull-apart basins: *Marine and Petroleum Geology*, v. 26, p. 1608–1623.
- McDonnell, Angela, Loucks, R. G., and Dooley, Tim, 2007, Quantifying the origin and geometry of circular sag structures in northern Fort Worth Basin, Texas: paleocave collapse, pull-apart fault systems, or hydrothermal alteration? *AAPG Bulletin*, v. 91, no. 9, p. 1295–1318.
- Dooley, T. P., Jackson, M. P. A., and Hudec, M. R., 2007, Initiation and growth of salt-based thrustbelts on passive margins: results from physical models: *Basin Research*, v. 19, p. 165–177.
- Dooley, T., McClay, K. R., Hempton, M., and Smit, D., 2005, Salt tectonics above complex basement extensional fault systems: results from analogue modelling, *in* Doré, A. G., and Vining, B. A., eds., *Petroleum geology: north-west Europe and global perspectives—Proceedings of the 6th Petroleum Geology Conference*: Geological Society, London, p. 1631–1648.
- McClay, K. R., Dooley, T., Whitehouse, P., and Anadon-Ruiz, S., 2005, 4D analogue models of extensional fault systems in asymmetric rifts: 3D visualisations and comparisons with natural examples, *in* Doré, A. G., and Vining, B. A., eds., *Petroleum geology: north-west Europe and global perspectives—Proceedings of the 6th Petroleum Geology Conference*: Geological Society, London, p. 1543–1556.

- McClay, K. R., Dooley, T., Whitehouse, P., Fullarton, L., and Chantraprasert, S., 2004, 3D analogue models of rift systems: templates for 3D seismic interpretation, *in* Davies, R. J., Cartwright, J. A., Stewart, S. A., Lappin, M., and Underhill, J. R. (eds.), 3D seismic technology: application to the exploration of sedimentary basins: Geological Society of London, Memoirs 29, p. 101–115.
- McClay, K. R., Whitehouse, P. S., Dooley, Tim, and Richards, M., 2004, 3D evolution of fold and thrust belts formed by oblique convergence: *Marine and Petroleum Geology*, v. 21, p. 857–877.
- Dooley, Tim, McClay, K. R., and Pascoe, R., 2003, 3D analogue models of variable displacement extensional faults: applications to the Revfallet fault systems, Mid-Norway, *in* Nieuwand, D. A., ed., *New insights into structural interpretation and modelling*: Geological Society of London, Special Publication 212, p. 151–167.
- McClay, K. R., Dooley, Tim, and Zamora, G., 2003, Analogue models of delta systems above mobile shales, *in* Van Rensbergen, P., Morley, C., Hillis, R., and Cartwright, J., eds., Geological Society of London, Special Publication 216, p. 411–428.
- McClay, K. R., Dooley, Tim, Whitehouse, P., Mills, M., and Khalil, S., 2002, 4D Evolution of rift systems: insights from scaled physical models: *AAPG Bulletin*, v. 86, p. 935–960.
- McClay, K. R., Dooley, Tim, Ferguson, A., and Poblet, J., 2000, Tectonic evolution of the Sanga Sanga Block, Mahakam Delta, Kalimantan, Indonesia: *AAPG Bulletin*, v. 84, no. 6, p. 765–786.
- Dooley, Tim, McClay, K. R., and Bonora, M., 1999, 4D Evolution of segmented strike-slip fault systems: applications to N.W. Europe, *in* fleet, A. J., and Boldy, S. A. R., eds., *Petroleum geology of northwest Europe: Proceedings of the 5th Conference*, p. 215–225.
- McClay, K. R., Dooley, Tim, and Lewis, G., 1998, Analog modeling of progradational delta systems: *Geology*, v. 26, no. 9, p. 771–774.
- Dooley, Tim, and McClay, K. R., 1997, Analog modeling of pull-apart basins: *AAPG Bulletin*, v. 81, no. 11, p. 1804–1826.
- Dooley, Tim, and McClay, K. R., 1996, Strike-slip deformation in the Confidence Hills, Southern Death Valley Fault Zone, Eastern California, USA: *Journal of the Geological Society*, v. 153, p. 375–387.
- Parkinson, C., and Dooley, Tim, 1996, Basin formation and strain partitioning along strike-slip fault zones: *Bulletin of Geological Survey Japan*, v. 47, p. 427–436.
- McClay, K. R., and Dooley, Tim, 1995, Analog models of pull-apart basins: *Geology*, v. 23, p. 711–714.
- Palmer, D., Johnston, J. D., Dooley, Tim, and Maguire, K., 1989, The Silurian of Clew Bay, Ireland: part of the Midland Valley of Scotland?: *Journal of the Geological Society of London*, v. 146, p. 385–389.

Non-Peer-Reviewed

- Dooley, Tim, 2009, Physical models of salt tectonics, *in* Laubach, S. E., and Tinker, S. W., eds., 2009, *Earth's art: celebrating the Centennial of the Bureau of Economic Geology, 1909–2009: The University of Texas at Austin, Bureau of Economic Geology*, p. 38–39.
- Dooley, Tim, McClay, Ken, Hempton, Mark, and Smit, Dirk, 2004, Basement controls on salt tectonics: results from analog modeling in Post, P. J., Olson, D. L., Lyons, K. T., Palmes, S. L., Harrison, P. F., and Rosen, N. C., eds., *Salt-sediment interactions and hydrocarbon prospectivity: concepts, applications, and case studies for the 21st century: 24th Annual GCSSEPM Foundation Bob F. Perkins Research Conference*, p. 1138–1174.
- Dooley, T., Monastero, F., Hall, B., McClay, K., and Whitehouse, P., 2004, Scaled sandbox modeling of transtensional pull-apart basins—applications to the Coso geothermal system: *Geothermal Resources Council Transactions*, v. 28, 637–641.
- McClay, K. R., Dooley, Tim, Gloaguen, R., Whitehouse, P., and Khalil, S., 2001, Analogue modelling of extensional fault architectures: comparisons with natural rift fault systems, *in* Hill, K. C., and Bernecker, T., eds., *East Australian Basins Symposium: The Australian Institution of Mining and Metallurgy*, p. 573–584.

Abstracts

- Dooley, Tim, Jackson, M. P. A., and Hudec, M. R., 2012, Coeval shallow extension and deep shortening above and below a salt canopy: a model for the ultradeep Miocene of the northern Gulf of Mexico (abs.): American Association of Petroleum Geologists, Annual Convention, Abstract 1235523, 1 p.
- Moscardelli, Lorena, Dooley, Tim, Dunlap, D. B., Wood, L. J., and Jackson, M. P. A., 2012, Deepwater polygonal fault systems as terrestrial analogs for Martian polygonal terrains (abs.): American Association of Petroleum Geologists, Annual Convention, Abstract 1225531, 1 p.
- Dooley, T. P., Jackson, M. P. A., and Hudec, M. R., 2011, Canopy evolution: deformation processes and subsidence patterns (abs.): American Association of Petroleum Geologists Annual Convention & Exhibition Abstracts Volume, v. 20, p. 47.
- Jackson, M. P. A., Dooley, Tim, Hudec, M. R., and McDonnell, Angela, 2011, The pillow fold belt: a key subsalt structural province in the northern Gulf of Mexico (abs.): American Association of Petroleum Geologists Annual Convention & Exhibition Abstracts Volume, v. 20, p. 91.
- Dooley, Tim, Jackson, M. P. A., and Hudec, M. R., 2010, Roof breakup and extrusion of shallow salt stocks during lateral shortening (abs.): American Association of Petroleum Geologists Annual Convention & Exhibition, v. 19, p. 61.
- Dooley, Tim, Jackson, M. P. A., and Hudec, M. R., 2010, Roof breakup and extrusion of shallow salt stocks during lateral shortening (abs.), *in* Salt tectonics, sediments and prospectivity, meeting held at Burlington House, London, January 20–22: The Geological Society's Petroleum Group and SEPM.
- Cartwright, J. A., Jackson, M. P. A., Higgins, S., and Dooley, Tim, 2010, Role of multilayered salt in gravity-driven collapse of thick salt sheets (abs.), *in* Salt tectonics, sediments and prospectivity, meeting held at Burlington House, London, January 20–22: The Geological Society's Petroleum Group and SEPM.
- Dooley, Tim, Jackson, M. P. A., and Hudec, M. R., 2009, Deformation styles and linkage of salt walls during oblique shortening (abs.): American Association of Petroleum Geologists Annual Convention, v. 18, p. 57.
- Jackson, M. P. A., Hudec, M. R., and Dooley, T., 2009, Unfolding concepts in salt tectonics: intrusive plumes, salt-sheet thrusts, minibasin triggers, and exotic wanderers (abs.): 7th Petroleum Geology Conference, Geological Society of London and the Energy Institute, London, United Kingdom, Program and Abstracts, p. 52.
- Dirkzwager, Jozina, and Dooley, Tim, 2008, *In situ* stress modeling of a salt-based gravity driven thrust belt in a passive margin setting using physical and numerical modeling (ext. abs.), *in* 42nd U.S. Rock Mechanics Symposium and 2nd U.S.-Canada Rock Mechanics Symposium, San Francisco, June 29–July 2, ARMA 08-270, 6 p.
- Dooley, Tim, Jackson, M. P. A., Cartwright, J. A., and Hudec, M. R., 2008, Modeling of strain partitioning during gravity-driven deformation of multilayered evaporites and overburden (abs.): AAPG 2008 Annual Convention and Exhibition Abstracts Volume, v. 17, p. 46.
- Dooley, Tim, Jackson, M. P. A., and Hudec, M. R., 2008, Superposed deformation and structural control of salt breakout in radially expanding canopies (abs.): AAPG 2008 Annual Convention and Exhibition Abstracts Volume, v. 17, p. 46.
- Dooley, Tim, Hudec, M. R., and Jackson, M. P. A., 2008, Dismembered sutures formed during asymmetric salt-sheet collision (abs.): AAPG 2008 Annual Convention and Exhibition Abstracts Volume, v. 17, p. 46.
- Dooley, Tim, Monastero, F. C., and McClay, K. R., 2007, Effects of a weak crustal layer in a transtensional pull-apart basin: results from a scaled physical modeling study: *Eos*, v. 88, no. 52, Abstract V53F-04.

- Gloaguen, R., McClay, K. R., and Dooley, T., 2007, Remote sensing potential for oil exploration. example of the Zagros Mountains (Iran) (ext. abs.), *in* Geoscience and Remote Sensing Symposium, p. 1625–1628.
- McDonnell, Angela, Loucks, R. G., and Dooley, Tim, 2007, Quantifying paleocave collapse from 3D seismic data: examples from the Paleozoic section in the northern Fort Worth Basin, Texas (abs.): *Acta Carsologica*, v. 36, no. 1, p. 226.
- McDonnell, Angela, Loucks, Robert, and Dooley, Tim, 2006, Effects of collapse structures on Barnett Shale continuity in the northern Fort Worth Basin: are deformation structures associated with coalesced paleocave system collapse or pull-apart basins? (abs.), *in* Barnett Shale IV Symposium, Dallas, October 11: Ellison Miles Geotechnology Institute, unpaginated.
- McDonnell, Angela, Loucks, R. G., and Dooley, Tim, 2006, Effects of collapse structures on Barnett Shale continuity in the northern Fort Worth Basin: are deformation structures associated with coalesced paleocave system collapse or pull-apart basins? (abs.), *in* Barnett Shale IV Symposium, Dallas, October 11: Ellison Miles Geotechnology Institute, unpaginated.
- Jackson, M. P. A., Dooley, T. P., and Hudec, M. R., 2006, Salt extrusion, roof dispersion, and deep intrusion of salt into and out of squeezed stocks (abs.), *in* 43rd Brazilian Geological Congress, September 3–8, Aracaju, Brazil, p. 91.
- Gloaguen, R., McClay, K. R., and Dooley, T., 2006, Potential of remote sensing for oil exploration in the Zagros Mountains (Iran) (abs.), *in* Geomonitoring in the energy and mineral resources industry using remote sensing methodologies: Proceedings of the 57th Berg- und Hüttenmännischer Tag—Freiberger Forschungsforum, Freiberg, Germany, June.
- Dooley, T. P., Jackson, M. P. A., and Hudec, M. R., 2006, Allochthonous salt extrusion, roof dispersion, and intrusive import and export of salt in squeezed stocks (abs.): American Association of Petroleum Geologists Annual Convention, v. 15, p. 27.
- McDonnell, Angela, Loucks, R. G., and Dooley, Tim, 2006, Paleocollapse megastructures (suprastratal deformation) related to Lower Ordovician Ellenburger coalesced, collapsed-paleocave systems in the northern Fort Worth Basin, Texas (abs.), *in* Southwest Section AAPG annual meeting: Permian Basin oil: good to the last drop, May 22–24, Midland, Texas, unpaginated.
- McDonnell, Angela, Dooley, Tim, and Loucks, Robert, 2006, Collapse/sag features in northern Fort Worth Basin, Texas: suprastratal deformation associated with coalesced paleocave system collapse or wrench fault sags? (abs.): American Association of Petroleum Geologists Annual Convention, v. 15, p. 71.
- Dooley, Tim, McClay, Ken, Hempton, Mark, and Smit, Dirk, 2004, Basement controls on salt tectonics: results from analog modeling (abs.), *in* Post, P. J., Olson, D. L., Lyons, K. T., Palmes, S. L., Harrison, P. F., and Rosen, N. C., eds., Salt-sediment interactions and hydrocarbon prospectivity: concepts, applications, and case studies for the 21st century: 24th Annual GCSSEPM Foundation Bob F. Perkins Research Conference Program and Abstracts, p. 48.
- Dooley, T., Monastero, F., Hall, B., McClay, K., and Whitehouse, P., 2004, Scaled sandbox modeling of transtensional pull-apart basins—applications to the Coso geothermal system (ext. abs.): Geotherman Resources Council Transactions, v. 28, p. 637–641.
- McClay, K. R., Dooley, T., Whitehouse, P., de Vera, J., and Gloaguen, R., 2003, 4D Evolution of fold and thrust belts: comparisons of analogue models with the Zagros (abs.), *in* AAPG International Conference, Barcelona, Spain, September 21–24, AAPG Search and Discovery Article #90017.
- McClay, K. R., Dooley, T., Gloaguen, R., Whitehouse, P., and Khalil, S., 2001, Analogue modelling of extensional fault architectures: comparisons with natural rift fault systems (ext. abs.), *in* Eastern Australasian Basins Symposium 2001: a refocused energy perspective for the future, volume 1, p. 573–584.
- Rolet, J., Gloaguen, R., Dooley, Tim, and McClay, K. R., 2001, Pre-existing discontinuities and oblique rifting in the Kenya rift: comparisons with analogue models. *Eos*, v. 82, abstract T51B-0873, p. T51B-0873.

Contract Reports

- Dooley, Tim, Hudec, M. R., Jackson, M. P. A., Nikolinakou, M. A., Luo, Gang, Braunscheidel, M., Norton, Ian, McDonnell, Angela, Wagner, Bryce, and Flemings, P. B., 2010, Applied Geodynamics Laboratory annual report to Industrial Associates for 2010: slide set 29: The University of Texas at Austin, Bureau of Economic Geology,, annual report prepared for Anadarko, BHP Billiton, BP, CGGVeritas, Chevron, Cobalt, ConocoPhillips, Devon, ENI, ExxonMobil, Fugro, Global Geophysical, GX Technology, Hess, IMP, INEXS, Maersk, Marathon, Mariner, Murphy, Nexen, Noble, Pemex, Petrobras, PGS, Repsol-YPF, Samson, Saudi Aramco, Shell, StatoilHydro, TGS-Nopec, Total, WesternGeco, and Woodside, CD-ROM.
- Dooley, Tim, 2009, Kinematic and dynamic studies of the Coso Geothermal and surrounding areas: evolution of releasing stepover arrays along the eastern boundary of the Sierra Nevada micro-plate—implications for geothermal prospect exploration and prediction: The University of Texas at Austin, Bureau of Economic Geology, contract report, prepared under contract no. N68936-06-C-0055, 80 p.
- Jackson, M. P. A., Dooley, Tim, Hudec, M. R., Wagner, Bryce, McDonnell, Angela, Flemings, P. B., Luo, Gang, Nikolinakou, M. A., and Loucks, R. G., 2009, Applied Geodynamics Laboratory annual report to Industrial Associates for 2009: slide set 28: The University of Texas at Austin, Bureau of Economic Geology, annual report prepared for Anadarko, BHP Billiton, BP, CGGVeritas, Chevron, Cobalt, ConocoPhillips, Devon, ENI, ExxonMobil, Fugro, GX Technology, Hess, IMP, Maersk, Marathon, Mariner, Murphy, Nexen, Noble, Pemex, Petrobras, PGS, Repsol-YPF, Samson, Saudi Aramco, Shell, StatoilHydro, TGS-Nopec, Total, WesternGeco, and Woodside, CD-ROM.
- Hudec, M. R., Jackson, M. P. A., Dooley, Tim, Wagner, Bryce, McDonnell, Angela, Pequeno, Monica, Norton, Ian, and Moscardelli, Lorena, 2008, Applied Geodynamics Laboratory annual report to Industrial Associates for 2008: slide set 27: The University of Texas at Austin, Bureau of Economic Geology, annual report prepared for Anadarko, BHP Billiton, BP, CGGVeritas, Chevron, Cobalt, ConocoPhillips, Devon, ENI, ExxonMobil, Fugro, GX Technology, Hess, IMP, Maersk, Marathon, Mariner, Murphy, Nexen, Noble, Pemex, Petrobras, PGS, Repsol-YPF, Samson, Saudi Aramco, Shell, StatoilHydro, TGS-Nopec, Total, WesternGeco, and Woodside, CD-ROM.
- Hudec, M. R., Jackson, M. P. A., Dooley, Tim, Dirkzwager, J., Cartwright, J., Harrison, C., Montoya, Patricia, and Heyn, T., 2007, Applied Geodynamics Laboratory annual report to Industrial Associates for 2006: slide set 25: The University of Texas at Austin, Bureau of Economic Geology, contract report prepared for Amerada Hess, Anadarko Petroleum Corporation, BHP Billiton, BP Production, Chevron, Cobalt, ConocoPhillips, ENI, EnCana, ExxonMobil, Hydro Oil and Energy, Maersk, Marathon Oil Company, Petrobras, Repsol, Samson, Shell, Statoil, Total, and Woodside, CD-ROM, CD-ROM.
- Hudec, M. R., Jackson, M. P. A., Dooley, Tim, Hooker, John N., Wood, L. J., and Montoya, Patricia, 2006, Applied Geodynamics Laboratory annual report to Industrial Associates for 2005: slide set 24: The University of Texas at Austin, Bureau of Economic Geology, contract report prepared for Amerada Hess, Anadarko Petroleum Corporation, BHP Billiton, BP Production, Chevron, ConocoPhillips, ENI, EnCana, ExxonMobil, Hydro Oil and Energy, Marathon Oil Company, Petrobras, Repsol, Shell, Total, and Woodside, CD-ROM.
- Jackson, M. P. A., Dooley, Tim, and Hooker, J. N., 2005, Fault intensity around exposed salt diapirs: The University of Texas at Austin, Bureau of Economic Geology, final report prepared for BP, 14 p. + apps.
- Jackson, M. P. A., Hudec, M. R., Dooley, Tim, and Wood, L. J., 2005, Applied Geodynamics Laboratory annual progress report to Industrial Associates for 2004: slide set 23: The University of Texas at Austin, Bureau of Economic Geology, contract report prepared for Amerada Hess, Anadarko Petroleum Corporation, BHP Billiton, BP Production, Chevron, ConocoPhillips, ENI, EnCana, ExxonMobil, Hydro Oil and Energy, Marathon Oil Company, Petrobras, Repsol, Shell, Total, and Woodside, CD-ROM.

Thesis

Solid geology of the Louisburgh area, County Mayo, Ireland.

Dissertation

The 3D dynamics and kinematics of strike-slip fault systems: insights from analogue modelling and field studies.

Lecturing

Lectures and Addresses

Superposed deformation and structural control of salt breakout in radially expanding canopies: presented at the AAPG Annual Convention, San Antonio, Texas, April 2008.

Dismembered sutures formed during asymmetric salt-sheet collision: presented at the AAPG Annual Convention, San Antonio, Texas, April 2008.

Reviews of Articles, Abstracts, and Research Proposals

Tectonophysics (Article), 2009

Journal of Structural Geology (Article), 2009

Tectonophysics (Article), 2009

Basin Research (Article), 2008

GSA Bulletin (Article), 2008

Applied Geophysics (Article), 2008

Tectonophysics and Marine & Petroleum Geology (Two peer reviews), 2007