Stephan A. Graham
Welton Joseph and Maud L'Anphere Crook Professor
Department of Earth and Planetary Sciences
Stanford Doerr School of Sustainability
Stanford University
Stanford, California 94305 USA

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YEAR AND PLACE OF BIRTH

1950 Evansville, Indiana, USA

EDUCATION

1972 A.B., Geology, with Honors, Indiana University
1974 M.S., Geology, Stanford University
1976 Ph.D., Geology, Stanford University
Dissertation: "Sedimentary tectonics of the Salinian block, California";
Advisors: W.R. Dickinson and J.C. Ingle, Jr.

PROFESSIONAL EXPERIENCE

1976 Research Geologist, Exxon Production Research Company
1976-78 Exploration Geologist, Chevron USA, Inc.
1978-80 Development Geologist, Chevron USA, Inc.
1980-89 Associate Professor, Applied Earth Sciences and Geology, Stanford University
1989-93 Professor of Applied Earth Sciences and Geology, Stanford University
1989-present Professor of Geophysics, by courtesy, Stanford University
1993-2022 Professor of Geological Sciences, Stanford University
2023-present Professor of Earth and Planetary Sciences, Stanford University
1993-present Professor of Energy System Science, by courtesy, Stanford University

HONORS AND AWARDS

1968 Earth Sciences Freshman Scholarship, Indiana University
1968-72 Arthur R. Metz Distinguished Scholarship, Indiana University
1969-70 Standard Oil Co. of Texas, undergraduate geology award
1971 Best student paper, Rocky Mountain Section, Geological Society of America
1972 Senior Faculty Scholarship Award, Indiana University
1972 Phi Beta Kappa
1972-1975 National Science Foundation Graduate Fellowship
1982 Fellow, Geological Society of America
1987 Sproule Award, American Association of Petroleum Geologists (AAPG)
1987 Outstanding Teacher Award, School of Earth Sciences, Stanford University
1991 Honorary Member, Pacific Section, SEPM (Society for Sedimentary Geology)
1995 Outstanding Educator Award, Pacific Section, American Association of Petroleum Geologists (AAPG)
2005 Welton Joseph and Maud L'Anphere Crook Professor
2005 A.I. Levorsen Award, Pacific Section, American Association of Petroleum Geologists (AAPG)
2007 Grover E Murray Memorial Distinguished Educator Award, American Association of Petroleum Geologists (AAPG)
2013 Charles Taylor Fellow, American Association of Petroleum Geologists (AAPG)
2014 Richard Owen Award, Indiana University

2016	Robert Mitchum Award, European Association of Geoscientists and Engineers (EAGE)
2016	SEPM-ACE Outstanding Presentation Award, Research Symposium-Orals
2016	Dean's Discretionary Award for Distinguished Service, School of Earth, Energy and Environmental Sciences
2017	Francis Pettijohn Medal, SEPM (Society for Sedimentary Geology)
2020	Distinguished Service Award, American Association of Petroleum Geologists (AAPG)
2021	Sproule Award (as co-author), American Association of Petroleum Geologists (AAPG)
2022	Eugene Fritsche Lifetime Achievement Award, Pacific Section, Society for Sedimentary Geology (PS-SEPM)
2024	Honorary Member Award, American Association of Petroleum Geologists (AAPG)

PROFESSIONAL SOCIETY MEMBERSHIPS

American Association of Petroleum Geologists
American Geophysical Union
Geological Society of America
Pacific Section, Society of Economic Paleontologists and Mineralogists
SEPM (Society for Sedimentary Geology)
Sigma Xi

UNIVERSITY ACTIVITIES

1980	Faculty Search Committee, Petroleum Engineering Department
1981-present	Director, Stanford Petroleum Geology Industrial Affiliates Program
1983-84	Faculty Senate
1983-84	Faculty Search Committee, Petroleum Engineering Department
1984-85	Freshman Advisor
1983-1993	Graduate Admissions Committee, Applied Earth Sciences Department
1986	Faculty Search Committee, Geology Department
1987	Faculty Search Committee, Applied Earth Sciences Department
1987-88	Chairman, Sedimentary Geology Faculty Search Committee, Geology Department
1987-2007	Director, Stanford-China Geosciences Industrial Affiliates Program
1987-1989	Graduate Advisor, Masters of Exploration Geophysics Program, Geophysics Department
1992-present	Co-Director, Stanford Program on Deep-Sea Depositional Systems
1992-93	Chairman, Organic Geochemistry Faculty Search Committee, Stanford University
1994-95	Advisor, Stanford University Sexual Harassment Panel
1995	Petroleum Engineering Search Committee
1995-1999	Chairman, Ocean Margins Initiative Faculty Search Committee
1996-1998	Associate Chair, Geological and Environmental Sciences Department
1996-1999	Faculty Senate
1996-2016	Earth Sciences Council, School of Earth Sciences
1998-1999	Acting Chair, Geological and Environmental Sciences
1999-2000	Associate Chair, Geological and Environmental Sciences Department
1999-2007	Associate Dean for Academic Affairs, School of Earth Sciences
1999-2000	University Committee on Graduate Studies
1999-2007	University Undergraduate Advisory Council
1999-2007	University Writing Advisory Board
2000	Acting Dean, School of Earth Sciences
2001-2005	Faculty Senate
2004-2005	Overseas Studies Program Director, Search Committee
2004-2005	President's Commission on Graduate Education
2004-2005	Co-Chair, Paleobiology Faculty Search Committee
2004-2005	Search Committee, Earth Sciences Librarian
2006	Search Committee for Vice Provost and Dean of Research and for Dean of Graduate Studies
2006-2009	Interim Co-Director, Stanford University Microanalytical Center
2007-2009	Faculty Search Committee, Geochronology Faculty Search
2007	Faculty Search Committee, Energy Resource Engineering Department
2007-2009	Chair, Geological and Environmental Sciences

2007-present	Co-Director, Basin Processes and Subsurface Modeling Industrial Affiliates Program
2009-2014	Associate Dean for Academic Affairs and Diversity, School of Earth Sciences
2014-2016	Senior Associate Dean for Faculty Affairs, School of Earth, Energy and Environmental Sciences
2016-2017	Faculty Search Committee, Continental Dynamics Search
2017	Search Committee for the Dean of the School of Earth, Energy and Environmental Sciences
2017-2022	Chester Naramore Dean, School of Earth, Energy and Environmental Sciences
2017-2022	University Executive Cabinet
2020-2021	Co-chair of Stanford Sustainability Initiative
2022	Transitional Vice Dean, Stanford Doerr School of Sustainability
2023-2024	Faculty Search Committee, University Berberian Chair
2023-2024	Search Committee, Precourt Director Search Committee

PROFESSIONAL ACTIVITIES

1979	Field Trip Leader, Pacific Section, Society of Economic Paleontologists and Mineralogist, Annual Fall Field Trip
1980	Field Trip Leader, Pacific Section, Society of Economic Paleontologists and Mineralogists, Annual Fall Field Trip
1981	Session Convener, 1981 Annual Meeting, American Association of Petroleum Geologists
1981	Field Trip Leader, 1981 Annual Meeting, American Association of Petroleum Geologists
1982	President, Pacific Section, Society of Economic Paleontologists and Mineralogists
1983	Field Trip Leader, Annual Meeting, Pacific Section, Society of Economic Paleontologists and Mineralogists
1983-84	Chairman, Deep-water Sedimentation Group, Society of Economic Paleontologists and Mineralogists
1983-89	Associate Editor, American Association Petroleum Geologists Bulletin
1983	Session Convener, Annual Meeting, Pacific Section, Society of Economic Paleontologists and Mineralogists
1984	Field Trip Leader, Annual Meeting, Geological Society of America
1984	Organizing committee member, First Annual SEPM Midyear Meeting
1985	Field Trip Leader, Pacific Section, Society of Economic Paleontologists and Mineralogists Annual Fall Field Trip
1985-90	Coordinator, West Coast Stratigraphic Cross-Section Project, American Association Petroleum Geologists
1985	Member, Committee on Northern Pacific Drilling I.P.O.D.
1986-88	Research Committee, American Association of Petroleum Geologists
1988	Session Convener, Annual Meeting, American Association of Petroleum Geologists
1990	Session Convener, Annual Meeting, American Association of Petroleum Geologists
1990	SEPM (Society for Sedimentary Geology) Technical Program Chairman for 1990 Annual Meeting of the American Association of Petroleum Geologists
1990-93	Councilor of Sedimentology, SEPM (Society for Sedimentary Geology)
1994-97	Associate Editor, Journal of Sedimentary Research
1994	Session Co-Convener, Annual Meeting, Geological Society of America
1996	Symposium Convener, SEPM (Society of Sedimentary Geology) Annual Meeting
2000	Field Trip Chairman, Centennial Meeting of the Cordilleran Section, Geological Society of America
2000	Co-Convener, Hedberg Field Research Conference, American Association of Petroleum Geologists
2001-20	Circum-Pacific Council Board of Directors
2003	Session Convener, American Geophysical Union
2003	Session Convener, Geological Society of America, Cordilleran Section
2006-15	Co-Instructor, Deep-water Field Seminar, American Association of Petroleum Geologists
2007	Co-Convener, International Conference on Nonmarine Depositional Systems, Beijing
2007	Session Chair, Arizona Geological Society Symposium
2009-20	Co-P.I., ICDP Cretaceous Climate Corehole Project
2010	Guest editor, Basin Research, Special Issue on Chinese Nonmarine Basins
2010	Co-Convenor, Songliao Scientific Drilling Workshop
2010-17	AAPG Centennial Field Trip Committee

2011 AGU Chapman Conference, Program Committee
2012 Pacific Section SEPM, Vice President
2015 Session Chair, Geological Society of America Annual Meeting
2016 Session Chair, Geological Society of America Annual Meeting
2016-22 Advisory Council, King Fahd University of Petroleum and Minerals

COURSE OFFERINGS

Regularly taught courses:
Geologic Interpretation of Reflections Seismograms (GP 223)
Introduction to Sedimentary Geology (EPS 106)
Petroleum Geology (EPS 253)
Reservoir Characterization (EPS/ESE 246)
Sedimentary Basins (EPS 251)

M.S. AND PH.D. DISSERTATIONS SUPERVISED

1982 Scott Cooley, M.S., Depositional environments of the lower and middle Miocene Temblor Formation of Reef Ridge and vicinity, Fresno and Kings Counties, California
1982 Jane Woodward, M.S., Development and infilling of the South Pass shelf-edge failure bowl, offshore Mississippi delta
1982 John Moragne, M.S., Development and infilling of the South Pass shelf-edge failure bowl, offshore Mississippi delta
1983 Jon Kuespert, M.S., The depositional environment and provenance of the Miocene Temblor Formation and associated Oligo-Miocene units in the vicinity of Kettleman North Dome, San Joaquin Valley, California
1983 Cathy Gavigan, M.S., Sedimentary petrology of Mio-Pliocene sandstones of the central California Coast Ranges with application to interpretation of movement on the San Gregorio-Hosgri fault system
1983 Hugh Whelan, M.S., Geostatistical estimation of the spatial distributions of porosity and percent clay in a Miocene Stevens turbidite reservoir: Youlumne Field, California
1984 Matthew Bate, M.S., Temblor and Big Blue Formations: Interpretation of depositional environment sequence on Coalinga anticline, Fresno County, California
1985 Jack Carter, M.S., Depositional environments and tectonic history of the type Temblor Formation, Chico-Martinez Creek, Kern County, California
1985 Happy Harun, M.S., Distribution of deposition of lower to middle Eocene strata in central San Joaquin Valley, California
1985 Margot Sherr, M.S., An analysis of the economics of petroleum extraction on the continental shelf of eastern China
1985 Richard Ward, M.S., Sedimentology, diagenesis, and provenance of the slope channel deposits exposed within the upper siliceous member of the Monterey Formation west of Gaviota Beach, California
1985 Linda Weber, M.S., Lithologic and organic source analysis--Stevens interval, Cal Canal field, Kern County, California
1986 Jennifer Pence, M.S., Sedimentation and tectonics of the upper Oligocene to midle Miocene Temblor Formation of the northern Temblor Range, Kern and San Luis Obispo counties, California
1986 James Bent, M.S., Petrographic reconnaissance of upper Oligocene-middle Miocene sandstones of the San Joaquin basin, California
1986 Roy Marion, M.S., Neogene stratigraphy and hydrocarbon generation in the Salinas basin, California
1986 Robert Milam, Ph.D., Biostratigraphy and sedimentation of the Eocene and Oligocene Kreyenhagen Formation, central California (co-advised with J.C. Ingle, Jr.,)
1986 Blake Gillespie, M.S., The Temblor Formation: Maricopa to the eastern San Emigdio Mountains, Kern County, California
1987 Jane Hicks Gruenenfelder, M.S., Stratigraphy and source rock potential of the Miocene Monterey Formation, San Joaquin basin, California
1987 Adrian Hudson, M.S., Natural gas contracts in a deregulated supply market
1987 Richard Hubbard, Ph.D., Geologic evolution of three rifted margins in the Americas
1987 Julianne Lundberg, M.S., Master limited partnerships: Form, taxation, and performance analysis

1987 Greta Miller, M.S., Sedimentology, depositional environment, and reservoir characteristics of the Kern River Formation, southeastern San Joaquin basin

1987 Ralph Tolson, Ph.D., Structure, stratigraphy, and tectonic evolution and petroleum source potential of the Hope basin, southern Chukchi Sea, Alaska

1988 John Beery, M.S., Depositional history and paleo-environments of the lower and middle Miocene Temblor Formation, northern San Joaquin basin, California

1988 Douglas McGuire, Ph.D., Stratigraphy, depositional history, and hydrocarbon source-rock potential of the upper Cretaceous-lower Tertiary Moreno Formation, central San Joaquin basin, California (co-advised with J.C. Ingle, Jr.,)

1988 Hilary Clement Olson, Ph.D., Middle Tertiary stratigraphy, depositional environments, paleoecology and tectonic history of the southeastern San Joaquin basin, California (co-advised with J.C. Ingle, Jr.,)

1989 Andrew Evans, Ph.D., The sedimentary evolution of the Suez rift basin, Egypt: Neogene paleobathymetry, subsidence and uplift history, tectonic and stratigraphic events

1989 Karen Grove, Ph.D., Late Cretaceous sedimentation and tectonics of the Salinian terrane, west central California

1989 Mark Rentschler, Ph.D., Cenozoic tectonics of the southeastern Coast Ranges and San Joaquin basin, California

1990 Ian Moxon, Ph.D., Stratigraphic and structural architecture of the San Joaquin and Sacramento Valleys

1990 Karen Loomis, Ph.D., Late Neogene depositional history and paleoenvironment of the west-central San Joaquin basin, California (co-advised with J.C. Ingle, Jr.,)

1991 Roger Bloch, Ph.D., Studies of the stratigraphy and structure of the San Joaquin basin, California

1991 Alan Carroll, Ph.D., Late Paleozoic tectonics, sedimentation, and petroleum potential of the Junggar and Tarim basins, northwest California

1992 Tina Niemi, Ph.D., Late Holocene slip rate, prehistoric earthquakes, and Quaternary neotectonics of the northern San Andreas fault, Marin County, California

1992 Marc Hendrix, Ph.D., Sedimentary basin analysis and petroleum potential of Mesozoic strata, northwest China

1993 Benjamin Schulein, M.S., Sedimentology and tectonics of the upper lower to lower middle Eocene Domengine Formation, Vallecitos syncline, California

1993 Cleavy McKnight, Ph.D., Structural styles and tectonic significance of Tian Shan foothill fold-thrust belts, northwest China

1994 Tracey Chester, M.S., Analysis of vertical cyclicity patterns in two sediment gravity flow sequences

1995 Edward R. Sobel, Ph.D., Basin analysis and apatite fission-track thermochronology of the Jurassic-Paleogene southwest Tarim basin, NW China

1995 Alysa M.D. Keller, M.S., Paleoclimatologic analysis of an Upper Jurassic petrified forest, southeastern Mongolia

1995 Cristy P. Harrison, M.S., Aspects of the deposition and depositional architecture of the upper Stevens deep-sea depositional system, southern San Joaquin basin, Kern County, California.

1995 Amory, Jerome, M.S., Permian sedimentation and tectonics of southern Mongolia

1997 Thomas A. Williams, Ph.D., Basin-fill architecture and forearc tectonics, Cretaceous Great Valley Group, Sacramento basin, northern California

1997 Da Zhou, Ph.D., Studies in the tectonics of China: Extensional tectonics of the northern margin of the South China Sea; amalgamation and uplift of the Tian Shan; and wedge extrusion model for the Altyn Tagh fault

1998 Xudong Ying, Ph.D., Syn-rift structural style, basin fill and sequence stratigraphy and their control on development of organic facies in the Beibu Gulf basin, South China Sea

1998 Bradley D. Ritts, Ph.D., Mesozoic tectonics and sedimentation, and petroleum systems of the Qaidam and Tarim basins, NW China

1998 Melissa A. Lamb, Ph.D., Paleozoic sedimentation, volcanism, and tectonics of southern Mongolia

1998 Elizabeth L. Mason, M.S., Internal facies architecture of a sand-rich, deep-sea depositional system: The Rocks Sandstone, Reliz Canyon Formation, northern Santa Lucia Range, Monterey County, California

1998 Kai S. Anderson, Ph.D., Facies architecture of two Paleogene structurally-controlled turbidite systems, central California

1999 Andrew D. Hanson, Ph.D., Organic geochemistry and petroleum geology, tectonics, and basin analysis of southern Tarim and northern Qaidam basins, northwest China

1999 Jing Li, M.S., Paleobathymetry estimation by using seismic and paleontology data in QDN basin, South China Sea

1999 Donald D. Miller, Ph.D., Sequence stratigraphy and controls on deposition of the upper Cenozoic Tulare Formation, San Joaquin Valley, California

2000 Todd Greene, Ph.D., Tectonics, basin analysis and organic geochemical attributes of Permain through Mesozoic deposits and their derivative oils of the Turpan-Hami basin, northwestern China

2001 Kathy DeGraaff Surpless, Ph.D., SHRIMP detrital zircon geochronology of forearc basins: a study of the Great Valley Group of California and the Methow basin of Washington (co-advised with M. McWilliams)

2001 Cari L. Johnson, Ph.D., Sedimentary record of late Mesozoic extension, southeast Mongolia: Implications for the petroleum potential and tectonic evolution of the China-Mongolia border region

2003 Tim Cope, Ph.D., Sedimentary evolution of the Yanshan fold-thrust belt, northeast China

2003 Li Yuan Hsiao, Ph.D., Sequence stratigraphy and structure of the south Xialiao basin, Bohai, China

2003 Adedayo Adeogba, M.S., Depositional controls and geometries of deep-water deposits as imaged by near-surface 3D seismic data, Niger delta, Nigeria

2003 Michael Shultz, Ph.D., Stratigraphic architecture of two deep-water depositional systems: The Tres Pasos Formation, Chilean Patagonia, and the Stevens Sandstone, Elk Hills

2003 Yongjun Yue, Ph.D., Slip history of the Altyn Tagh fault and its implication for tectonics of Asia

2004 Andrea Fildani:, Ph.D., Analysis of two arc-associated basins and onset of their deep-water stages: Magellanes basin, Chile, and Talara basin, Peru

2004 Brita Graham Wall, Ph.D., Evolution of fluid flow pathways along fracture controlled faults in fold and thrust belt carbonates (co-advised with Attila Aydin)

2006 Stephen Hubbard, Ph.D., Deep-Sea foreland basin axial channels and associated sediment gravity flow deposits, Oligocene Molasse basin, Upper Austria, and Cretaceous Magallanes Basin, Chile

2006 Amy L. Weislogel, Ph.D., The sedimentary record of Mesozoic collisional orogensis, central China: Geochemical, geochronometric and paleoenvironmental constraints

2007 Mangzheng Zhu, Ph.D., Offshore Red River fault and slope sediments in northern South China Sea: Implications for paleoceanography and uplift of the Tibet Plateau

2008 Brian W. Romans, Ph.D., Controls on distribution, timing, and evolution of turbidite systems in tectonically active settings: The Cretaceous Tres Pasos Formation, southern Chile, and the Holocene Santa Monica Basin, California.

2008 Jacob Covault, Ph.D., Development of turbidite architecture on tectonically active continental margins: Multiscale investigation of the Quaternary California Borderland, Tertiary Molasse Basin, Austria, and Cretaceous Magallanes Basin, Chile

2009 Dominic Armitage, Ph.D., High-resolution architectural evolution of depositional elements in deep-marine slope environments: The Quaternary Niger delta slope, Quaternary southwest Grand Banks slope, Canada, and Cretaceous Tres Pasos Formation, Chile

2009 Abena Temeng, M.S., Distributary channel development of the Newport submarine canyon-channel system, Southern California Borderland

2009 Christopher Mitchell, M.S., Subduction complex uplift and exhumation and its influence on Maastrichtian forearc stratigraphy in the Great Valley basin, northern San Joaquin Valley, California

2010 Elizabeth J. Cassel, Ph.D, Cenozoic landscape evolution of the northern Sierra Nevada and western Basin and Range: Implications for tectonics, climate, and topography.

2011 Lisa E. Stright, Ph.D., Multiscale modeling of deep-water channel deposits: an interdisciplinary study integrating geostatistics, geology and geophysics--- the Cretaceous Cerro Toro Formation, southern Chile, the Eocene Ardath and Scripps Formations, Southern California, and the Oligocene Puchkirken Formation, Upper Austria.

2011 Keisha Durant, M.S., Basin and petroleum system modeling of the Sur and northern offshore Santa Maria areas, offshore central California

2011 Julie C. Fosdick, Ph.D., Linking orogenic deformation, exhumation, and basin evolution in the Patagonian Andes and Magallanes basin, southernmost South America

2012 Katherine Maier, Ph.D., Depositional architecture of deep-water slope systems: Examples from the Quaternary Lucia Chica channel system, offshore central California and the upper Miocene Urenui Formation, New Zealand.

2012 Meng He, Ph.D., Evaluating petroleum systems using advanced geochemistry and basin modeling.

2014 Wisam Alkawai, M.S., Integrating basin modeling with seismic technology and rock physics

2014 Blair Burgreen, Ph.D., The influence of convergent margin structure on deep-water stratigraphic architecture, pore pressure evolution, and source rock maturation in the East Coast basin, New Zealand

2014 Theresa Menotti, Ph.D., Petroleum system evolution, strike-slip tectonism and diagenesis of the Monterey Formation in the Salinas basin, central California

2014 Glenn Sharman, Ph.D., Provenance, paleogeography, and mass-movement of deep-water depositional systems in arc-adjacent basins: The Cretaceous-Paleogene California forearc and upper Miocene Mohakatino Formation, New Zealand
2015 Theresa M. Schwartz, Ph.D., Insights into the growth and decay of orogenic wedges from foreland basin successions
2016 Matthew A. Malkowski, Ph.D., Controls on along-strike variations in stratigraphy and provenance of a successor foreland basin system, Jurassic-Cretaceous evolution of the southern Patagonian Andes and the Magallanes/Austral Basin
2016 Lauren Schultz, M.S., Evaluating the thermal history of the Los Angeles basin, California through 3-D basin and petroleum system modeling
2016 Lauren Shumaker, Ph.D., Sedimentology, seismic geomorphology, and provenance investigations of deep-water deposits: Taranaki basin, New Zealand, New Zealand
2017 Christopher H. Kremer, M.S., Transversely-sourced mass-transport deposits and stratigraphic evolution of a foreland submarine channel system: Deep-water Tertiary strata of the Austrian Molasse Basin
2017 Inessa Yurchenko, Ph.D., Stratigraphic and depositional controls on source rock heterogeneity and composition of expelled petroleum in the Triassic Shublik Formation of Arctic Alaska
2017 Nora Nieminski, Ph.D., Sedimentology, stratigraphic architecture, and provenance of deep-water systems: Neoproterozoic Zerrissene Group, Namibia and Neogene East Coast Basin, New Zealand
2018 Wisam AlKawai, Ph.D., The impact of the allochthonous salt and overpressure development on the petroleum system evolution in the Thunder Horse mini-basin, Gulf of Mexico
2018 Zachary T. Sickmann, Ph.D., Understanding provenance signatures in active margin settings: modern central California and the Magallanes-Austral foreland basin, southern Patagonia
2019 William Thompson-Butler, Ph.D., A source-rock first approach to petroleum system analysis in the middle Magdalena Valley, Colombia
2020 Burton, Zachary F.M., Ph.D., Characterizing oil, gas hydrate, and sedimentary systems via geochemistry, computational modeling, and global synthesis
2020 Tanvi D. Chheda, Ph.D., Optimizing exploration decisions under geologic uncertainty in basin and petroleum system modeling
2020 Laura Dafov, Ph.D., Basin and petroleum system modeling and global sensitivity analyses of natural gas hydrates
2020 Jared T. Gooley, Ph.D., From forearc to transform: Sedimentary record of changing tectonic setting in the central California and eastern Zealandia continental margins
2020 Colin J. White, M.S., Sedimentology and provenance of the Norton basin, offshore Alaska: insight into the Paleogene evolution of the paleo-Yukon drainage system
2021 Laainam Chaipornkaew, Ph.D., Deformation modeling over geologic time: From constructing pressure evolution to predicting strike-slip fault deformation.
2022 Anatoly Aseev, Ph.D., Geologic uncertainties in faulted basin models with application to the Norwegian North Sea
2022 Marianne Meng Coholich, M.S., The last days of the Lucia Chica submarine channel system, offshore central California: A geohazard assessment for windfarm infrastructure.
2022 Stephen C. Dobbs, Ph.D., Decoding geologic signals of the sedimentary source-to-sink pathway with examples from the modern and ancient
2023 Nicholas Gross Almonte, M.S., Relating outcrop and subsurface expressions of the Magallanes-Austral basin: provenance of the eastern Magallanes-Austral basin revised by detrital zircon U-Pb sediment core ages, southern Patagonia
2024 Victor Awosiji, M.S., Exploration and analysis of a blind Hydrogen system in western California, USA

POST-DOCTORAL RESEARCH ASSOCIATES SUPERVISED

Loretta Williams, Peter DeCelles, Marc Hendrix, Melissa Lamb, Karen Chin, Cari Johnson, Yongjun Yue, Danica Dralus, Devon Orme, Inessa Yurchenko, Nora Nieminski, Stephen Dobbs

PUBLICATIONS IN REFEREED JOURNALS AND BOOKS

Journal articles published in: American Association of Petroleum Geologists Bulletin; American Journal of Science; Annual Review of Marine Science; Austrian Journal of Earth Sciences Science; Basin Research; Earth and Planetary Sciences Letters; Earth-Science Reviews; Frontiers in Earth Sciences; Frontiers in Marine Science; Geological Society of America Bulletin; Geology; Geophysical Research Letters;

Geoscience Frontiers; Geosphere; International Geology Review; Journal of Geological Education; Journal of Geology; Journal of Sedimentary Petrology: Journal of Sedimentary Research; Lithosphere; Marine and Petroleum Geology, Nature; Nature-Scientific Reports; Palaeogeography, Palaeoclimatology, Palaeoecology; Palaios; PNAS; Quaternary Science Reviews; Organic Geochemistry; Science; Sedimentology; Tectonics; Tectonophysics

1. Graham, S.A., 1974, Remnant magnetization of modern tidal flat sediments from San Francisco Bay, California: Geology, v. 2, p. 223-226.
2. Graham, S.A., and L.J. Suttner, 1974, Occurrence of middle Cambrian islands in southwest Montana: The Mountain Geologist, v. 11, p. 71-84.
3. Graham, S.A., W.R. Dickinson, and R.V. Ingersoll, 1975, Himalayan-Bengal model for flysch dispersal in the Appalachian-Ouachita system: Geological Society of America Bull., v. 86, no. 3, p. 273-286.
4. Graham, S.A., R.V. Ingersoll, and W.R. Dickinson, 1976, Common provenance for lithic grains in Carboniferous from Ouachita Mountains and Black Warrior Basin: Journal of Sedimentary Petrology, v. 46, p. 620-632.
5. Graham, S.A., 1978, Role of Salinian block in evolution of San Andreas fault system, California: American Association Petroleum Geologists Bulletin, v. 62, 2214-2231.
6. Graham, S.A., and W.R. Dickinson, 1978, Apparent offsets of onland geologic features across the San Gregorio-Hosgri fault trend: Science, v. 199, p. 179-181.
7. Graham, S.A., and W.R. Dickinson, 1978, Apparent offsets of onland geologic features across the San Gregorio-Hosgri fault trend: Calif. Div. Mines and Geology Special Report, v. 137, p. 13-23.
8. Dickinson, W.R., R.V. Ingersoll, and S.A. Graham, 1979, Paleogene sediment dispersal and paleotectonics in northern California: Geol. Soc. America Bull., v. 90, summary in Part I, p. 897-898, text in Part II, p. 1458-1528.
9. Graham, S.A., 1983, Evolving concepts and teaching approaches in tectonics and sedimentation: Journal of Geological Education, v. 31, no. 4, p. 266-276.
10. Graham, S.A., and S.B. Bachman, 1983, Controls on submarine fan geometry and internal architecture: Upper La Jolla fan system, offshore southern California: American Association Petroleum Geologists Bulletin, v. 67, no. 1, p. 83-96.
11. Ingersoll, R.V., and S.A. Graham, 1983, Recognition of shelf-slope break along tectonically active ancient continental margins: Society Economic Paleontologists and Mineralogists, Special Publication No. 33, p. 107-117.
12. Graham, S.A., C. McCloy, M. Hitzman, R. Ward, and R. Turner, 1984, Basin evolution during change from convergent to transform continental margin in central California: American Association Petroleum Geologists Bulletin, v. 68, p. 233-240.
13. Graham, S.A., and L.A. Williams, 1985, Tectonic, depositional, and diagenetic history of Monterey Formation (Miocene), central San Joaquin basin, California: American Association Petroleum Geologists Bulletin, v. 69, p. 385-411.
14. Bachman, S.B., and S.A. Graham, 1986, La Jolla Fan, Pacific Ocean. In A.H. Bouma, W.R. Normark, and N.E. Barnes, eds., Submarine fans and related turbidite systems: Springer-Verlag Publishers, p. 65-70.
15. Bate, M.A., and S.A. Graham, 1987, Significance of reservoir stratigraphy in production of heavy oil from Coalinga oil field, California: American Association of Petroleum Geologists Studies in Geology 25, p. 301-311.
16. DeCelles, P., R. Tolson, S.A. Graham, and 12 co-authors, 1987, Laramide thrust-generated alluvial-fan sedimentation, Sphinx Conglomerate, southwestern Montana: American Association of Petroleum Geologists, v. 71, p. 135-155.
17. Graham, S.A., 1987, Tectonic controls on petroleum occurrence in central California. In R.V. Ingersoll and W.G. Ernst, eds., Cenozoic basin development of coastal California: Rubey Volume VI, Prentice-Hall, p. 47-61.
18. Graham, S.A., and 14 co-authors, 1987, Provenance modeling as a technique for analyzing source terrane evolution and controls on foreland sedimentation: International Association of Sedimentologists Special Publication 8, p. 425-436.
19. Moxon, I.W., and S.A. Graham, 1987, History and controls of subsidence in the Late Cretaceous-Tertiary Great Valley Forearc basin, California: Geology, v. 15, p. 626-629.
20. Ingersoll, R.V., W. Cavazza, S.A. Graham, and Indiana University Graduate Field Seminar Participants, 1987, Provenance of impure calcilithites in the Laramide foreland of southwestern Montana: Journal of Sedimentary Petrology, v. 57, p. 995-1003.

21. Graham, S.A., Stanley, R.G., Bent, J.V., and Carter, J.B., 1989, Oligocene and Miocene paleogeography of central California and displacement along the San Andreas fault: Geological Society of America Bulletin, v. 101, p. 711-730.
22. Liou, J.G., Graham, S.A., Maruyama, S., Wang, X., Xiao, X., Carroll, A.R., Chu, J., Feng, Y., Hendrix, M.S., Liang, Y.H., McKnight, C.L., Tang, Y., Wang, Z.X., Zhao, M. and Zhu, B., 1989, Proterozoic blueschist belt in western China: Best documented Precambrian blueschists in the world: Geology, v. 17, p. 1127-1131.
23. Carroll, A.R., Y. Liang, S.A. Graham, X. Xiao, M.S. Hendrix, J. Chu, and C.L. McKnight, 1990, Junggar basin, northwest China: Trapped late Paleozoic ocean: Tectonophysics, v. 181, p. 1-14.
24. Graham, S.A., S. Brassell, A.R. Carroll, X. Xiao, G. Demaison, C.L. McKnight, Y. Liang, J. Chu, and M.S. Hendrix, 1990, Characteristics of selected petroleum-source rocks, Xinjiang Upper Autonomous Region, northwest China: American Association of Petroleum Geologists Bulletin, v. 74, p.493-512.
25. Liou, J.G., Maruyama, S., Wang, X. and Graham, S.A., 1990, Precambrian blueschist terranes of the world: Tectonophysics, v. 181, p.97-111.
26. McKnight, C.L., Q. Gan, A.R. Carroll, M. Zhao, D. Dilcher, Y. Liang, S.A. Graham, 1990, Fluvial sedimentology of an upper Jurassic petrified forest assemblage, Shishu Formation, Junggar basin, Xinjiang, China: Palaeogeography, Palaeoecology, Palaeoclimatology, v. 79, p. 1-9.
27. Nakajima, T., S. Maruyama, S.Uchiumi, J.G.Liou, X. Wang, X. Xiao, and S.A. Graham, 1990, The age of the oldest blueschist of the world--the Aksu Group of northwestern China: Nature, v. 346, 263-265.
28. Carroll, A.R., S. C. Brassell, and S.A. Graham, 1992, Upper Permian lacustrine oil shales, southern Junggar basin, northwest China: American Association of Petroleum Geologists Bulletin, v. 76, p. 1874-1902.
29. Hendrix, M.S., S.A. Graham, A.R. Carroll, E.R. Sobel, C.L. McKnight, B.J. Schulein, and Z. Wang, 1992, Sedimentary record and climatic implications of recurrent deformation in the Tian Shan: evidence from Mesozoic strata of the north Tarim, south Junggar, and Turpan basins, northwest China: Geological Society of America Bulletin, v. 104, p. 53-79.
30. Yeats, R., Christiansen, R., Graham, S., Niem, A., Snavely, P.D., Jr., 1992, Post-Laramide geology of the U. S. Cordilleran region, in Burchfiel, B.C., Lipman, P.W., and Zoback, M.L., editors, The Cordilleran orogen: Conterminous U.S.: Geological Society of America, Geology of North America v. G-3, p. 261-406.
31. Graham, S.A., M.S. Hendrix, L.B. Wang, and A.R. Carroll, 1993, Collisional successor basins of western China: Impact of tectonic inheritance on sand composition: Geological Society of American Bulletin, v. 105, p. 323-344.
32. Hendrix, M.S., Dumitru, T.A., and Graham, S.A., 1994, Late Oligocene-early Miocene unroofing in the Chinese Tian Shan: An early effect of the India-Asia collision, Geology, v. 22, No. 6, p. 487-490.
33. Carroll, A.R., Graham, S.A., Hendrix, M.S., Ying, D., and Zhou, D., 1995, Late Paleozoic tectonic amalgamation of northwest China: Sedimentary record of the northern Tarim, northwestern Turpan, and southern Junggar basins: Geological Society of America Bulletin, v. 107, p. 571-594.
34. Hendrix, M.S., Brassell, S.C., Carroll, A.R., and Graham, S.A., 1995, Sedimentology, organic geochemistry, and petroleum potential of Jurassic coal measures: Tarim, Junggar, and Turpan basins, northwest China: American Association of Petroleum Geologists Bulletin, 79, 929-959.
35. Ingersoll, R.V., Graham, S.A., Dickinson, W.R., 1995, Remnant ocean basins, in Busby, C.J., and Ingersoll, R.V., eds., Tectonics of sedimentary basins: Blackwell Science, p. 363-392.
36. Hendrix, M.S., Graham, S.A., Amory, J.Y., Badarch, G., 1996, Noyon Uul (King Mountain syncline), southern Mongolia: Early Mesozoic sedimentary record of the tectonic amalgamation of central Asia: Geological Society of America Bulletin, v. 108, p. 1256-1274.
37. Liou, J. G., Graham, S. Maruyama, S., and Zhang, R. Y., 1996, Characteristics and tectonic significance of the Late Proterozoic Aksu blueschist and diabasic dikes, northwest Xinjiang, China: International Geology Review, v. 38, p. 228-244.
38. Murray, C. J., Lowe, D. R., Graham, S. A., and 10 other co-authors, 1996, Statistical analysis of bed thickness patterns in a turbidite section from the Great Valley Sequence, Cache Creek, northern California: Journal of Sedimentary Research, v. 66, p. 900-908.
39. Zhou, Da, and Graham, S.A., 1996, Songpan-Ganzi complex of the west Qinling Shan as a Triassic remnant-ocean basin, in A. Yin and M. Harrison, Tectonic evolution of Asia: Cambridge University Press, p. 281-299.
40. Zhou, D., and Graham, S.A., 1996, Extrusion of the Altyn Tagh wedge: A kinematic model for the Altyn Tagh fault and palinspastic reconstruction of northern China: Geology, v. 24, p. 427-430.
41. Graham, S.A., Hendrix, M.S., Barsbold, R., Badamgarav, D., Sjostrom, D., Kirschner, W., McIntosh, J.S., 1997, Stratigraphic occurrence, paleoenvironment and description of the oldest known dinosaur (Late Jurassic) from Mongolia: Palaios, v. 12, p. 292-297.

42. Williams, T.A., Graham, S.A., and Constenius, K.N., 1998, Recognition of a Santonian submarine canyon, Great Valley Group, Sacramento basin, California: Implications for petroleum exploration and sequence stratigraphy of deep-marine strata, American Association of Petroleum Geologists Bulletin, v. 82, p. 1575-1595.
43. Anderson, K.S., Hickson, T., Crider, J., and Graham, S.A., 1999, Integrating teaching with field research in the Wagon Rock Project, Journal of Geological Education, v. 47, p. 227-235.
44. Harrison, C., and Graham, S.A., 1999, Upper Miocene Stevens Sandstone, San Joaquin basin, California: Reinterpretation of a petroliferous, sand-rich, deep-sea depositional system: American Association of Petroleum Geologists Bulletin, v. 83, p. 898-924.
45. Lamb, M.A., Hanson, A.D. Graham, S.A., Badarch, G., Webb, L.E., 1999, Left-lateral sense offset of Upper Proterozoic and Paleozoic features across the Gobi Onon, Tost, and Zuunbayan faults in southern Mongolia and implications for other central Asian faults: Earth and Planetary Sciences Letters, v. 173, p.183-194.
46. Webb, L.E., Graham, S.A., Johnson, C.L., Badarch, G., and Hendrix, M.S., 1999, Occurrence, age and implications of the Yagan-Onch Hayrhan metamorphic core complex, southern Mongolia: Geology, v. 27, p. 143-146.
47. Zhang, S. C., Hanson, A. D., Moldowan, J. M., Graham, S. A., Liang, D. G., Chang, E., and Fago, F., 2000, Paleozoic Oil-Source Rock Correlations in the Tarim Basin, NW China: Organic Geochemistry, v. 31, p. 273-286.
48. Carroll, A.R., Graham, S.A., Chang, E., McKnight, C., 2001, Sinian-Permian sedimentary evolution of the northwest Tarim basin, in Hendrix, M.S. and Davis, G.A., eds., Paleozoic and Mesozoic tectonic evolution of central and eastern Asia--from continental assembly to intracontinental deformation: Geological Society of America Memoir 194, p. 47-69.
49. Dumitru, T.A., Zhou, D., Chang, E., Graham, S.A., Hendrix, M.S., Sobel, E.R., and Carroll, A.R., 2001, Uplift, exhumation and deformation in the Chinese Tian Shan, in Hendrix, M.S. and Davis, G.A., eds., Paleozoic and Mesozoic tectonic evolution of central and eastern Asia--from continental assembly to intracontinental deformation: Geological Society of America Memoir 194, p. 71-99.
50. Graham, S.A., Hendrix, M.S., Johnson, C.L., Badamgarav, D., Badarch, G., Amory, J., Porter, M., Barsbold, R., Webb, L.E., Hacker, B.R., 2001, Sedimentary record and tectonic implications of Mesozoic rifting in southeast Mongolia: Geological Society of America Bulletin, v. 13, p. 1560-1579.
51. Greene, T. J., Hendrix, M. S., Carroll, A. R., Graham, S. A., 2001, Sedimentary record of intra-Mesozoic deformation and Middle to Late Triassic inception of the Turpan-Hami basin, northwest China, in Hendrix, M. S. and Davis, G., eds., Paleozoic and Mesozoic tectonic evolution of central Asia-from continental assembly to intracontinental deformation: Geological Society of America Memoir 194, p. 317-340.
52. Hendrix, M.S., Beck, M.A., Badarch, G., Graham, S.A., 2001, Triassic synorogenic sedimentation in southern Mongolia: early effects of intracontinental deformation, in Hendrix, M.S. and Davis, G.A., eds., Paleozoic and Mesozoic tectonic evolution of central and eastern Asia--from continental assembly to intracontinental deformation: Geological Society of America Memoir 194, p. 389-412.
53. Johnson, C.L., Webb, L.E., Graham, S.A., Hendrix, M.S., and Badarch, G., 2001, Sedimentary and structural records of late Mesozoic high-strain extension and strain partitioning, East Gobi basin, southern Mongolia, in Hendrix, M.S. and Davis, G.A., eds., Paleozoic and Mesozoic tectonic evolution of central and eastern Asia--from continental assembly to intracontinental deformation: Geological Society of America Memoir 194, p. 413-433.
54. Sjostrom, D., Hendrix, M.S., Badamgarav, D., Graham, S.A., and Nelson, B., 2001, Non-marine record of mid-Mesozoic deformation in central Asia: sedimentology, provenance, and tectonic setting of Jurassic and lower Cretaceous strata, western Mongolia, in Hendrix, M.S. and Davis, G.A., eds., Paleozoic and Mesozoic tectonic evolution of central and eastern Asia--from continental assembly to intracontinental deformation: Geological Society of America Memoir 194, p. 361-388.
55. Yue, Y., Liou, J. G., and Graham, S. A., 2001, Tectonic correlation of Beishan and Inner Mongolia orogens and its implications for the palinspastic reconstruction of north China, in Hendrix, M. S., and Davis, G. A., eds., Paleozoic and Mesozoic tectonic evolution of central Asia -- from continental assembly to intracontinental deformation: Geological Society of America Memoir 194, p. 101-116.
56. Yue, Y., Ritts, B.D., and Graham, S.A., 2001, Initiation and long-term slip history of the Altyn Tagh fault: International Geology Review, v. 43, no. 12.
57. Zhou, D., Graham, S.A., Chang, E.Z., Wang, B., Hacker, B., 2001, Paleozoic tectonic amalgamation of the Chinese Tian Shan: Evidence from a transect along the Dushanzi-Kuqa highway, in Hendrix, M.S., and Davis, G.A., eds., Paleozoic and Mesozoic tectonic evolution of central and eastern Asia—from continental assembly to intracontinental deformation: Geological Society of America Memoir 194, p. 23-46

58. DeGraaff-Surpless, K., Graham, S. A., Wooden, J. L., and McWilliams, M. O., 2002, Detrital zircon provenance analysis of the Great Valley Group, California: Evolution of an arc-forearc system: Geological Society of America Bulletin, v. 114, no. 12, p. 1564-1580.
59. Fildani, A., Cope, T., Graham, S.A., and Wooden, J., 2003, Initiation of the Magellanes foreland basin: timing of the southernmost Patagonia Andes orogeny revised by detrital zircon provenance analysis: Geology, v. 31, p. 1081-1084.
60. Ingersoll, R.V., Dickinson, W.R., and Graham, S.A., 2003, Remnant-ocean submarine fans: Largest sedimentary systems on Earth, in Chan, M.A., and Archer, A.W., eds., Extreme depositional environments: Mega end members in geologic time: Geological Society of America Special Paper 370, p. 191-208.
61. Hsiao, L.Y., Graham, S.A., and Tilander, N., 2004, Seismic reflection imaging of a major strike-slip fault zone in a rift system: Paleogene structure and evolution of the Tan-Lu fault system: American Association of Petroleum Geologists Bulletin, v. 88, p. 71-98.
62. Johnson, C.L., and Graham, S.A., 2004, Sedimentology and reservoir architecture of a syn-rift lacustrine delta, southeastern Mongolia: Journal of Sedimentary Research, v. 74, p. 26-41.
63. Johnson, C.L., and Graham, S.A., 2004, Cycles in perilacustrine facies of late Mesozoic rift basins: Journal of Sedimentary Research, v. 74, p. 42-60.
64. Mason, E.L., and Graham, S.A., 2004, Application of stratigraphic architectural analysis to a sand-rich, deep-sea depositional system: The Rocks Sandstone (Eocene), California, in Appi C. J.; D'Avila, R., Viana, A., eds., Deep-Water Sedimentation: Technological Challenges for the Next Millennium, Brazilian Association of Petroleum Geologists, Special Edition 1.
65. Ritts, B. D., Yue, Y. J., and Graham, S. A., 2004, Oligocene-Miocene tectonics and sedimentation along the Altyn Tagh fault, northern Tibetan Plateau: Analysis of the Xorkol, Subei, and Aksay basins: Journal of Geology, vol. 114, p. 207-230.
66. Yue, Y. J., Ritts, B. D., Hanson, A. D., and Graham, S. A., 2004, Sedimentary evidence against large-scale translation along the Northern Altyn Tagh fault: Earth and Planetary Science Letters, vol. 228, p.311-313.
67. Yue, Y. J., Ritts, B. D., Graham, S. A., Wooden, J. L., Gehrels, G. E., and Zhang, Z., 2004, Slowing extrusion tectonics: Lowered estimate of the post-Early Miocene slip rate along the Altyn Tagh fault: Earth and Planetary Science Letters, vol. 217, p. 111-122.
68. Adeogba, A., McHargue, T.R., and Graham, S.A., 2005, Transient fan architecture and depositional controls from near-surface 3-D seismic data, Niger delta continental slope: American Association of Petroleum Geologists Bulletin, v. 89, p. 627-644.
69. Dickinson, W.R., Ducea, M., Rosenberg, L.L., Greene, H.G., Graham, S.A., Clark, J.C., Weber, G.E., Kidder, S., Ernst, W.G., and Brabb, E.E., 2005, Net dextral slip, Neogene San Gregorio-Hosgri fault zone, coastal California: Geological evidence and tectonic implications: Geological Society of America Special Paper 391, 43 p.
70. Cope, T., Ritts, B.D., Darby, B.J., Fildani,, A., and Graham, S. A., 2005, Late Paleozoic sedimentation on the northern margin of the North China block: implications for regional tectonics and climate change, International Geology Review, v. 47, no. 3, p. 270-296.
71. Fildani, A., Hanson, A.D., Chen, Z., Moldowan, J.M., Graham, S.A., and Arriola, P., 2005, Geochemical characteristics and possible correlation between oil and source rocks of Talara basin, NW Peru: American Association of Petroleum Geologists Bulletin, v. 89, p. 1519-1545.
72. Graham, S. A., Chamberlain, P., Yue, Y. J., Ritts, B. D., Hanson, A. D., Horton, T. S, Waldbauer, J. R., Poage, M. A., and Feng, X., 2005, Stable isotope records of Cenozoic climate and topography, Tibetan Plateau and Tarim Basin: American Journal of Science, v. 305, p. 101-118.
73. Greene, T.J., Carroll, A.R., Wartes, M., and Graham, S.A., 2005, Integrated Provenance Analysis of a Complex Orogenic Terrane: Turpan-Hami Basin, NW China: Journal of Sedimentary Research, v. 75, p. 251-267.
74. Hubbard, S.M., de Ruig, M.J., and Graham, S.A., 2005, Utilizing outcrop analogs to improve subsurface mapping of natural gas-bearing strata in the Puchkirchen Formation, Molasse Basin, Upper Austria: Austrian Journal of Earth Sciences, v. 98, p. 52-66.
75. Shultz, M.R., Cope, Fildani, A., Cope, T.D., and Graham, S.A., 2005, Deposition and stratigraphic architecture of an outcropping ancient slope system; Tres Pasos Formation, Magellanes basin, southern Chile: Geological Society of London, Special Publication 244, p. 27-50.
76. Anderson, K.S., Graham, S.A., and Hubbard, S.M., 2006, Facies, architecture and origin of a reservoir-scale sand-rich succession within submarine canyon fill: Insights from Wagon Caves Rock (Paleocene), Santa Lucia Range, California: Journal of Sedimentary Research, v. 76. p. 819-838.
77. Johnson, C.L., and Graham, S.A., 2006, Middle Tertiary stratigraphic sequences of the San Joaquin basin, California, in San Joaquin Basin Province Assessment Team, Assessment of undiscovered oil and gas

resources of the San Joaquin basin province of California, 2003: U.S. Geological Survey Professional Paper 1713, chapter 6, http://pubs.usgs.gov/pp/pp1713/
78. Mulch, A., Graham S.A., Chamberlain, C.P., 2006, Following the 49ers: High Eocene elevation of the Sierra Nevada revealed by paleo-altimetry of gold-bearing river gravels: Science, v. 305, p. 87-89.
79. Surpless, K.D, Graham, S.A., Covault, J., and Wooden, J., 2006: Does the Great Valley Group contain any Jurassic strata? Re-evaluation of the age and early evolution of a classic forearc basin fill: Geology, v. 34, p. 21-24.
80. Vermeesch, P., Miller, D.D., Graham, S.A., Degrave, J., and McWilliams, M.O., 2006, Multi-method detrital thermochronology of the Great Valley Group near New Idria, California: Geological Society of America Bulletin, v. 118, p. 210-218.
81. Weislogel, A.L., Graham, S.A., Chang, E.Z., Wooden, J.L., Gehrels, G.E., and Yang, H., 2006, Detrital zircon provenance of the Late Triassic Songpan-Ganzi complex: record of collision and unroofing of the Qinling-Dabie orogen: Geology, v. 34, p. 97-100.
82. Hubbard, S.M., Romans, B.W., and Graham, S.A., 2007, An outcrop example of large-scale conglomeratic intrusions sourced from deep-water channel deposits, Cerro Toro Formation, Magallanes Basin, Southern Chile, in Hurst, A., and Cartwright, J., eds., Sand Injectites: Implications for Hydrocarbon Exploration and Production: American Association of Petroleum Geologists Memoir 87, p. 199-209 (figures on CD).
83. Cope, T., and Graham, S. A., 2007, Upper crustal response to Mesozoic tectonism in western Liaoning, North China, and implications for lithospheric delamination. In: Zhai, M., Windley, B. F., Kusky, T.M., and Meng, Q. (Eds.) Mesozoic sub-continental lithospheric thinning under eastern Asia. Geological Society of London Special Publication, 280, p. 201-222.
84. Cope, T.D., Shultz, M.R., and Graham, S.A., 2007, Detrital record of Mesozoic shortening in the Yanshan belt, NE China: testing structural interpretations with basin analysis: Basin Research, v. 19, p. 253-272.
85. Covault, J.A., Normark, W.R., Romans, B.W., and Graham, S.A., 2007, Highstand fans in the California borderland: The overlooked deep-water depositional systems: Geology, v. 35, p. 783-786.
86. Fildani, A., Shultz, M.R., Graham, S.A., and Leier, A., 2007, A deep-water amalgamated sheet system, Punta Barrosa Formation, Marina's Cliff, Chile, in Nilsen, T., Shew, R., Steffens, G, and Studlick, J., eds., Deep-Water Outcrops of the World Atlas: American Association of Petroleum Geologists Studies in Geology 56, p. 123-124.
87. Hubbard, S.M., Romans, B.W., and Graham, S.A., 2007, Deepwater channel margin architecture, Cerro Toro Formation, Cerro Mocho, Chile, in Nilsen, T., Shew, R., Steffens, G, and Studlick, J., eds., Deep-Water Outcrops of the World Atlas: American Association of Petroleum Geologists Studies in Geology 56, p. 128-131.
88. Romans, B.R., Shultz, M.R., Hubbard, S.M., and Graham, S.A., 2007, Facies architecture of slope channel complexes, Tres Pasos Formation at Cerro Divisadero Chile, in Nilsen, T., Shew, R., Steffens, G, and Studlick, J., eds., Deep-Water Outcrops of the World Atlas: American Association of Petroleum Geologists Studies in Geology 56, p. 132-135.
89. Shultz, M., Cope, T., Fildani, A., and Graham, S., 2007, Coarse-grained turbiditic infill of failure-generated slope accommodation, Tres Pasos Formation, west face, Sierra Contreras, southern Chile, in Nilsen, T., Shew, R., Steffens, G, and Studlick, J., eds., Deep-Water Outcrops of the World Atlas: American Association of Petroleum Geologists Studies in Geology 56, p. 136-139.
90. Weislogel, A. and Graham, S.A., 2007, Turbidite deposition of the Songpan-Ganzi Complex, China, in Nilsen, T., Shew, R., Steffens, G, and Studlick, J., eds., Deep-Water Outcrops of the World Atlas: American Association of Petroleum Geologists Studies in Geology 56, p. 162-164.
91. Fildani, A., Hessler, A.M., Graham, S.A., 2008, Trench-forearc interactions reflected in the sedimentary fillof Talarabasin, northwest Peru: Basin Research, v. 20, p. 305–331, doi: 10.1111/j.1365-2117.2007.00346.x
92. Hubbard, S. M., Romans, B.W., and Graham, S.A., 2008, Deep-water foreland basin deposits of the Cerro Toro Formation, Magallanes basin, Chile: Architectural elements of a sinuous basin axial channel belt: Sedimentology, p. 1333-1359.
93. Johnson, C.L., Amory, J.A., Graham, S.A., Lamb, M.A., Badarch, G., and Affolter, M., 2008, Accretionary tectonics and sedimentation during late Paleozoic arc collision, China-Mongolia border region, in Draut, A., Clift, P., and Scholl, D., eds., Formation and application of the sedimentary record in arc collision zones: Geological Society of America Special Paper 436, p. 363-390.
94. Ritts, B.D., Yue, Y., Graham, S.A., Sobel, E.R., Abbink, O.A., and Stockli, D., 2008, From sea level to high elevation in 15 million years: Uplift history of the northern Tibetan Plateau margin in the Altun Shan: American Journal of Science, v. 208, no. 5, p. 657-678.

95. Wang, C.S., Zhao, X.X., Liu, Z.F., Lippert, P.C., Graham, S.A., Coe, R.S., Yi, H.S., Zhu, L.D., Liu, S., Li, Y.L., 2008, New Constraints on the Early Uplift History of the Tibetan Plateau: Proceedings of the National Academy of Sciences (PNAS), v. 105, p. 4987-4992.
96. Armitage, D.A., Romans, B.W., Covault, J.A., and Graham, S.A., 2009, The influence of mass transport deposit topography on the evolution of turbidite architecture; The Sierra Contreras, Tres Pasos Formation (Cretaceous), southern Chile: Journal of Sedimentary Research, v. 79, p. 287-301.
97. Cassel, E.J., Calvert, A.T., Graham, S.A., 2009, Age, Geochemical Composition, and Distribution of Oligocene Ignimbrites in the Northern Sierra Nevada of California: Implications for Landscape Morphology, Elevation, and Drainage Divide Geography of the Nevadaplano: International Geology Review, v. 51, p. 723-742.
98. Cassel, E.J., Graham, S.A., and Chamberlain, C. P., 2009, Cenozoic tectonic and topographic evolution of the northern Sierra Nevada, California, through stable isotope paleoaltimetry in volcanic glass: Geology, v. 37, p. 547-550.
99. Covault, J.A., and Graham, S.A., 2009, Turbidite architecture in proximal foreland basin-system deep-water depocenters; Insights from the Tertiary of western Europe: Austrian Journal of Earth Sciences, v. 101, p. 36-51.
100. Covault, J.A., Hubbard, S.M., Graham, S.A., Hinsch, R., and Linzer, H.-G., 2009, Turbidite-reservoir architecture in complex foredeep-margin and wedge-top depocenters, Tertiary Molasse foreland basin system, Austria: Marine and Petroleum Geology, v. 26, p. 379-396.
101. Covault, J.A., Romans, B.W., and Graham, S.A., 2009, Outcrop expression of a continental-margin-scale shelf-edge delta from the Cretaceous Magallanes Basin, Chile: Journal of Sedimentary Research, v. 79, p. 523-539.
102. Fildani, A., Hessler, A.M., and Graham, S.A., 2009, Trench-forearc interactions reflected in the sedimentary fill of Talara basin, northwest Peru: Basin Research, p. 85-112.
103. Hubbard, S.M., de Ruig, M.J., and Graham, S.A., 2009: Confined channel-levee complex development in an elongate depo-center: Deep-water Tertiary strata of the Austrian Molasse basin: Marine and Petroleum Geology, p. 85-112.
104. Kent-Corson, M. Ritts, B., Zhuang, G., Bovet, P.M., Graham, S.A., C. Page Chamberlain, C.P., 2009, Stable isotopic constraints on the tectonic, topographic, and climatic evolution of the northern margin of the Tibetan Plateau: Earth and Planetary Science Letters, v. 282, p. 158-166.
105. Ritts, B.D., Weislogel, A., Graham, S.A., and Darby, B.J., 2009, Mesozoic tectonics and sedimentation of the giant polyphase nonmarine intraplate Ordos basin, western north China block: International Geology Review, v. 51, p. 95-115.
106. Romans, B.W., Hubbard, S.M., and Graham, S.A., 2009, Stratigraphic evolution of an outcropping continental slope system, Tres Pasos Formation at Cerro Divisadero, Chile: Sedimentology, v. 56, p. 737-764.
107. Romans, B.W., Normark, W.R., McGann, M.M., Covault, J.A., and Graham, S.A., 2009, Interactions of controls on coarse-grained sediment delivery and distribution in a deep-marine basin, the Holocene Santa Monica Basin, California; Implications for evaluating source-to-sink flux at millennial time scales: Geological Society of America Bulletin, v. 121, p. 1394-1408, doi: 10.1130/B26393.1.
108. Surpless, K.D., Ward., R. and Graham, S.A., 2009, Evolution and stratigraphic architecture of marine slope gully complexes: Monterey Formation (Miocene), Gaviota Beach, California: Marine and Petroleum Geology, v. 26, p. 269-288.
109. Zhu, M., Graham, S.A., and McHargue, T., 2009, The Red River Fault Zone in the Yinggehai Basin, South China Sea: Tectonophysics, v. 476, p. 397-417, doi:10.1016/j.tecto.2009.06.015.
110. Zhu, M., Graham, S.A., Pang, X., and McHargue, T., 2009, Characteristics of migrating submarine canyons from the middle Miocene to Present: Implications for Paleoceanographic circulation, northern South China Sea: Marine and Petroleum Geology, doi:10.1016/j.marpetgeo.2009.05.005.
111. Carroll, A.R., Graham, S.A., and Smith, M.E., 2010, Walled sedimentary basins of China: Basin Research, v. 22, p. 17-32.
112. Covault, J.A., and Graham, S.A., 2010, Submarine fans at all sea level stands: tectonomorphologic and climatic controls on coarse-grained sediment delivery to the deep sea: Geology, v. 38, p. 939-942.
113. Covault, J.A., Romans, B.W., Fildani, A., McGann, M., and Graham, S.A., 2010, Rapid climatic signal propagation from source to sink in a southern California sediment-routing system: The Journal of Geology, v. 118, p. 247-259.
114. Hsiao, L.Y., Graham, S.A., and Tilander, N., 2010, Stratigraphy and sedimentation in a rift basin modified by synchronous strike-slip deformation: Southern Xialiao Basin, Bohai, offshore China: Basin Research, v. 22, p. 61-79.

115. Kent-Corson, M., Mulch, A., Graham, S., Carroll, A., Ritts, B., Chamberlain, P., 2010, Diachronous isotopic and sedimentary responses to topographic change as indicators of mid-Eocene hydrologic reorganization in the western United States: Basin Research, doi: 10.1111/j.1365-2117.2009.00456.x.
116. Mitchell, C., Graham, S.A., and Suek, D., 2010, Subduction complex uplift and exhumation and its influence on Maastrichtian forearc stratigraphy in the Great Valley basin, northern San Joaquin Valley, California: Geological Society of America Bulletin, v. 122; p. 2063-2078.
117. Romans, B.W., Fildani, A., Graham, S. Hubbard, S., Covault, J., 2010, Importance of predecessor basin history on sedimentary fill of a retroarc foreland basin: Provenance analysis of the Cretaceous Magallanes basin, Chile (50°S-52°S): Basin Research, v. 22, p. 640-658.
118. Weislogel, A.L., Graham, S.A., Chang, E.Z., Wooden, J.L., Gehrels, G.E., 2010, Detrital zircon provenance from three turbidite depocenters of the Middle-Upper Triassic Songpan-Ganzi complex, central China: Record of collisional tectonics, erosional exhumation, and sediment production: Geological Society of America Bulletin, v. 122; no. 11/12; p. 2041-2062, DOI: 10.1130/B26606.1.
119. Cassel, E.J., and Graham, S.A., 2011, Paleovalley morphology and fluvial system evolution of Eocene–Oligocene sediments ("auriferous gravels"), northern Sierra Nevada, California: Implications for climate, tectonics, and topography: Geological Society of America Bulletin, v. 123, p. 1699-1719.
120. Covault, J.A., Roman, B.W., Graham. S.A., Andrea Fildani, A., and Hilley, G.E., 2011, Terrestrial source to deep-sea sink sediment budgets at high and low sea levels: Insights from tectonically active Southern California: Geology, v. 39; no. 7; p. 619–622.
121. Fosdick, J.C., Romans, B.W., Fildani, A., Bernhardt, A., Calderón, A., and Graham, S.A., 2011, Kinematic history of the Cretaceous-Neogene Patagonian fold-thrust belt and Magallanes foreland basin, Chile and Argentina (51°30'S): Geological Society of America Bulletin, v. 123, p. 1679-1698.
122. Maier, K.L., Fildani, A., Paull, C.K., Graham, S.A., McHargue, T.R., 2011, The elusive character of discontinuous deep-water channels: New insights from Lucia Chica channel system, offshore California: Geology, v. 39; p. 327-330.
123. Romans, B.W., Fildani, A., Hubbard, S.M., Covault, J.A., Fosdick, J.C., and Graham, S.A., 2011, Evolution of deep-water stratigraphic architecture, Magallanes Basin, Chile: Marine and Petroleum Geology, v. 28, p. 612-628.
124. Zhu, M., McHargue, T., and Graham, S.A., 2011, 3-D reflection seismic characterization of submarine slides on a Pliocene siliciclastic continental slope and its implications for tectonics, sediment supply, and climate change, South China Sea, in Shipp, C., Weimer, P., and Posamentier, H., eds., Mass-transport deposits in deepwater settings: Society of Sedimentary Geology (SEPM) Special Publication 96, p. 111-126.
125. Armitage, D.A., McHargue, T.R., Fildani, A., and Graham, S.A., 2012, Post-avulsion channel evolution: Niger Delta continental slope: American Association of Petroleum Geologists Bulletin, v. 96, p. 823–843.
126. Cassel, E.J., Grove, M., and Graham, S.A., 2012, Eocene Drainage evolution and erosion of the Sierra Nevada batholith across northern California and Nevada: American Journal of Science, v. 312, p. 117-144.
127. Cassel, E.J., Graham, S.A., Chamberlain, C. Page, 2012, Early Cenozoic topography, morphology, and tectonics of the northern Sierra Nevada and western Basin and Range: Geosphere, v. 8, doi:10.1130/GES00671.1.
128. Chamberlain, C.P., Mix, H., Mulch, A., Hren, M.T., Kent-Corson, M.L., Davis, S.J., Horton, T.W., and Graham, S.A., 2012, The Cenozoic climatic and topographic evolution of the western North American Cordillera: American Journal of Science, v. 312, p.213-262; doi:10.2475/02.2012.05.
129. Graham, S.A., Cope, T., Johnson, C.L., Ritts, B.D., 2012, Sedimentary basins of the late Mesozoic extensional domain of China and Mongolia, in Bally, A.W., and Roberts, D.G., eds., Regional geology and tectonics: Phanerozoic rift systems and sedimentary basins: Elsevier, p. 421-436.
130. Hsiao, L.Y., and Graham, S.A., 2012, Xialiao, North China basin, in Bally, A.W., and Roberts, D.G., eds., Regional geology and tectonics: Phanerozoic rift systems and sedimentary basins: Elsevier, p. 217-234.
131. Maier, K.L., Fildani, A., Paull, C.K., Graham, S.A., McHargue, T.R., 2012, Deep-water punctuated channel migration: high-resolution subsurface data from the Lucia Chica channel system, offshore California: Journal of Sedimentary Research, v. 82, p. 1-8, DOI: 10.2110/jsr.2012.10.
132. Maier, Katherine L., Fildani, Andrea, Paull, Charles K., McHargue, Timothy R., Graham, Stephan A., Caress, David W., 2012, Deep sea channel evolution and stratigraphic architecture from inception to abandonment from high-resolution AUV surveys offshore central California: Sedimentology, doi:10.1111/j.1365-3091.2012.01371.x
133. Romans, B., and Graham, S.A., 2012, A Deep-time perspective of land-ocean linkages in the sedimentary record: Annual Review of Marine Science, v. 5, DOI: 10.1146/annurev-marine-121211-172426.

134. Carroll, A.R., Dumitru, T.A., Graham, S.A., Hendrix, M.A., 2013, An 800 million year detrital zircon record of continental amalgamation, northern Tarim basin, NW China: International Geology Review, http://dx.doi.org/10.1080/00206814.2013.787232.
135. Chamberlain, C.P., Wan, X., Graham, S.A., Carroll, A.R, Doebbert, A.C., Sageman, B.B., Blisniuk, P., Kent-Corson, M.L., Wang, Z., Wang Ch, 2013, Stable isotopic evidence for climate and basin evolution of the Late Cretaceous Songliao Basin, China: Palaeogeography, Palaeoclimatology, Palaeoecology, v. 385, p. 106-124.
136. Dumitru, T.A.. Ernst, W.G., Wright, J.E., Wooden, J.L., Wells, R.E., Farmer, L.P., Kent, A.J.R., and Graham, S.A., 2013, Eocene extension in Idaho generated massive sediment floods into the Franciscan trench, and into the Tyee, Great Valley and Green River basins: Geology, v. 41, p. 187-190.
137. Feng, Z., Wang, C., Graham, S., Koeberl, C., Dong, H., Huang, Y., Yuan Gao, 2013, Continental Scientific Drilling Project of Cretaceous Songliao Basin: Scientific Objectives and Drilling Technology: Palaeogeography, Palaeoclimatology, Palaeoecology, v. 385, p. 6-16.
138. Wang, C., Scott, R.W., Wan, X., Graham, S.A., Huang, Y., Wang, P., Wu, H. Dean, W.E., Zhang, L., 2013, Late Cretaceous climate changes recorded in eastern Asian lacustrine deposits and North American epeiric sea strata: Earth Science Reviews, v. 126, p. 300-320.
139. Sharman, G.R., Graham, S.A., Grove, M., and Hourigan, J.K., 2013, A reappraisal of the early slip history of the San Andreas fault, central California, USA: Geology, doi:10.1130/G34214.1.
140. Williams, T.A., and Graham, S.A., 2013, Controls on forearc basin architecture from seismic and sequence stratigraphy of the Upper Cretaceous Great Valley Group, central Sacramento basin, California: International Geology Review, v. 55, p. 2030-2059, 10.1080/00206814.2013.817520.
141. Burgreen, B., and Graham, S.A., 2014, Evolution of a deep-water lobe system in the Neogene trench-slope setting of the East Coast Basin, New Zealand: Lobe stratigraphy and architecture in a weakly confined basin configuration: Marine and Petroleum geology, v. 54, http://dx.doi.org/10.1016/j.marpetgeo.2014.02.011
142. Fosdick, J. C., S. A. Graham, and G. E. Hilley, 2014, Influence of attenuated lithosphere and sediment loading on flexure of the deep-water Magallanes retroarc foreland basin, Southern Andes: Tectonics, v. 33, doi:10.1002/2014TC003684.
143. He, M., Graham, S.A., Scheirer, A.S., and Peters, K.E., 2014, A basin modeling and organic geochemistry study in the Vallecitos syncline, San Joaquin Basin, California: Marine and Petroleum Geology, v. 49, p. 15–34.
144. Johnson, C.L., Constenius, K.C., Graham, S.A., Mackay, G., Menotti, A., Payton, A., and Tully, J., 2014, Subsurface evidence for late Mesozoic extension in western Mongolia: tectonic and petroleum systems implications: Basin research, v. 27, n. 3, p. 272-294; doi: 10.1111/bre.12073
145. Schwartz, T.M., and Graham, S.A., 2014, Stratigraphic architecture of a tide-influenced shelf-edge delta, Upper Cretaceous Dorotea Formation, Magallanes-Austral Basin, Patagonia: Sedimentology, doi: 10.1111/sed.12176.
146. Sharman, G.R., Graham, S.A., Grove, M., Kimbrough, D.L., and Wright, J.E., 2014, Detrital zircon provenance of the Late Cretaceous-Eocene California forearc: Influence of Laramide low-angle subduction on sediment dispersal and paleogeography: Geological Society of America Bulletin, doi:10.1130/B31065.1.
147. Stright, L., Stewart, J., Campion, K., and Graham, S., 2014, Geologic and seismic modeling of a coarse-grained deepwater channel reservoir analog (Black's Beach, LaJolla, CA): American Association of Petroleum Geologists Bulletin, v. 98, p. 695-728.
148. Wang, C. Dai, J., Zhao, X., Li, Y., Graham, S.A., He, H., Ran, B., and Meng, J., 2014, Outward-growth of the Tibetan Plateau during the Cenozoic: A review: Tectonophysics, v. 621, p. 1-43.
149. Burgreen, B., Meisling, K., and Graham, S., 2015, Basin and petroleum system modeling of the East Coast Basin, New Zealand: A test of overpressure scenarios in a convergent margin: Basin Research, p. 1–32, doi: 10.1111/bre.12121
150. Caves, J.K., Winnick, M.J., Graham, S., Sjostrom, D.J., Mulch, A., Chamberlain, C.P., 2015, Role of the Westerlies in central Asia climate over the Cenozoic: Earth and Planetary Science Letters, v. 428, p. 33-43.
151. DeCelles, P.G., and Graham, S.A., 2015, Cyclical processes in the North American Cordilleran orogenic system: Geology, v. 43, p. 287-290, doi:10.1130/G36482.1.
152. Fosdick, J., Grove, M., Graham, S., Hourigan, J., Lovera, O., Romans, B., 2015, Detrital thermochronologic record of burial heating and sediment recycling, in Patagonian Andes: Basin Research, v. 27, no. 4, p. 546-572, DOI:10.1111/bre.12088/.
153. Gao, Yuan, Ibarra, Daniel E., Wang, Chengshan, Caves, Jeremy K., Chamberlain, C. Page, Graham, Stephan A. and Wu, Huaichun, 2015, Mid-latitude terrestrial climate of East Asia linked to global climate in the Late Cretaceous: Geology, doi:10.1130/G36427.1.

154. Malkowski, M., Grove, M., Graham, S., 2015, Unzipping the Patagonian Andes—Long-lived influence of rifting history on foreland basin evolution: Lithosphere, doi: 10.1130/L489.1
155. Mulch, A., Chamberlain, C.P., Cosca, M.A., Teyssier, C., Methner, K., Graham, S.A., 2015, Rapid change in western North American high-elevation rainfall patterns during the Mid Eocene Climatic Optimum (MECO), American Journal of Science, v. 315, p. 317-336, doi: 10.2475/04.2015.02
156. Sharman, G.R., Graham, S.A., Masalimova, L.U., Shumaker, L.E., and King, P.R., 2015, Spatial patterns of deformation and paleoslope estimation within the marginal and central portions of a basin-floor mass-transport deposit, Taranaki Basin, New Zealand: Geosphere, Exploring the Deep Sea and Beyond, themed issue, v. 11 no. 2 p. 266-306, doi:10.1130/GES01126.1.
157. Dumitru, T.A., Elder, W.P., Hourigan, J.K., Chapman, A.D., Graham, S.A., Wakabayashi, J., 2016, Four Cordilleran paleorivers that connected Sevier thrust zones in Idaho to depocenters in California, Washington, Wyoming, and, indirectly, Alaska: Geology, v. 44, no.1, p. 75-78
158. Maier, K.L., Crundwell, M.P., Coble, M.A., King, P.E., Graham, S.A., 2016, Refined depositional history and dating of the Tongaporutan reference section, north Taranaki, New Zealand New Zealand Journal of Geology and Geophysics, v. 59, p. 313-329, doi: 10.1080/00288306.2015.1132744.
159. Methner, K., Mulch, A., Fiebig, J., Wacker, U., Gerdes, A., Graham, S.A., Chamberlain, C.P., 2016, Rapid Middle Eocene temperature change in western North America: Earth and Planetary Science Letters, v. 450, p. 132-139, DOI: 10.1016/j.epsl.2016.05.053
160. Mix, Hari T., Ibarra, Daniel E., Mulch, Andreas, Graham, Stephan A., and Chamberlain, C. Page, 2016, A hot and high Eocene Sierra Nevada: Geological Society of America Bulletin, v. 128; no. 3/4; p. 531–542, doi:10.1130/B31294.1
161. Shumaker, L.E., Jobe, Z., and Graham, S.A., 2016, Evolution of submarine gullies on a prograding slope: Insights from 3D seismic reflection data: Marine Geology, v., 393, p. 35-46, doi:10.1016/j.margeo.2016.06.006.
162. Sickmann, Z.T., Paull, C.K., and Graham, S.A., 2016, Detrital zircon mixing and partitioning in fluvial to deep marine systems, central California: Journal of Sedimentary Research, v. 86, p. 1298-1307,
163. Tong, Y., Ibarra, D., Caves, J., Mukerji, T., Graham, S.A., 2016, Constraining basin thermal history and petroleum generation using paleoclimate data in the Piceance Basin, Colorado: Basin Research, doi: 10.1111/bre.12213.
164. AlKawai, Wisam, Mukerji, Tapan, Scheirer, Allegra Hosford, Graham, Stephan, 2017, Combining Seismic Reservoir Characterization Workflows with Basin Modeling in the Deepwater Gulf of Mexico Mississippi Canyon Area: American Association of Petroleum Geologists Bulletin, p. 629-652, DOI:10.1306/0504171620517153
165. Malkowski, M.A., Schwartz, T.A., Sharman, G.R., Sickmann, Z., Graham, S.A., 2017, Stratigraphic and provenance variations in the early evolution of the Magallanes-Austral foreland basin: implications for the role of longitudinal vs. transverse sediment dispersal during arc-continent collision: Geological Society of America Bulletin, v. 129, p. 349-371, doi: 10.1130/B31549.1.
166. Malkowski, M., Sharman, G., Graham, S., Fildani, A., 2017, Characterization and diachronous initiation of coarse clastic deposition in the Magallanes–Austral retroarc foreland basin, Patagonian Andes: Basin Research, v. v. 29, p. 298-326, doi: 10.1111/bre.12150.
167. Nieminski, N.M, and Graham, S.A., 2017, Modeling stratigraphic architecture using small unmanned aerial vehicles and photogrammetry: Examples from the Miocene East Coast basin, New Zealand: Journal of Sedimentary Research, v. 87, p. 126-132.
168. Schwartz, T., Fosdick, J., and Graham, S., 2017, Using detrital zircon U-Pb ages to calculate Late Cretaceous sedimentation rates in the Magallanes-Austral basin, Patagonia: Basin Research, v. 29, p. 725-746,cdoi: 10.1111/bre.12198.
169. Schwartz, T.M. and Graham, S.A., 2017, Depositional history and provenance of Paleogene strata in the Sage Creek basin, southwestern Montana: Geosphere, v. 13, p. 1285-1307.
170. Sharman, G.R., Schwartz, T.M., Shumaker, L.E., Trigg, C., Nieminski, N., Sickmann, Z., Malkowski, M.A., Johnstone, S., Hourigan, J.K., Graham, S.A., 2017, Submarine mass failure within the shelfal-deltaic Domengine Formation (Eocene), California (U.S.A.): Geosphere, v. 13, no. 3, doi:10.1130/GES01442.1.
171. AlKawai, Wisam, Mukerji, Tapan, Scheirer, Allegra Hosford, Graham, Stephan, 2018, Integrating Statistical Rock Physics and Pressure and Thermal History Modeling to Map Reservoir Lithofacies in the Deepwater Gulf of Mexico: Geophysics, v. 83, p. 15-28.
172. AlKawai, W., Mukerji, T., Hosford-Scheirer, A., and Graham, S. A., 2018, Combining seismic reservoir characterization workflows with basin modeling in the deepwater Gulf of Mexico Mississippi Canyon area, AAPG Bull., 102, 629-652.

173. Burgreen-Chan, B., and Graham, S.A., 2018, Petroleum system modeling of the East Coast Basin, Hawke Bay, New Zealand: American Association of Petroleum Geologists Bulletin, v. 102, n. 4, p. 587-612, DOI: 10.1306/0609171616917163.
174. Burton, Z., Moldowan, Sykes, R., Graham, S.A., 2018, Unraveling petroleum degradation, maturity, and mixing and addressing impact on petroleum prospectivity: Insights from frontier exploration regions in New Zealand: Energy and Fuels, v. 32, p. 1287-1296.
175. Jones, M.M., Ibarra, D.E., Gao, Y., Sageman, B.B., Selby, D., Chamberlain, C.P., Graham, S.A., 2018, Evaluating Late Cretaceous OAEs and the influence of marine incursions on organic carbon burial in an expansive East Asian paleo-lake: Earth and Planetary Science Letters, v. 484, p. 41-52, doi.org/10.1016/j.epsl.2017.11.046
176. Kremer, C.H., McHargue, T.R., Scheucher, L., Graham, S.A., 2018, Transversely-sourced mass-transport deposits and stratigraphic evolution of a foreland submarine channel system: Deep-water Tertiary strata of the Austrian Molasse Basin: Marine and Petroleum Geology, v. 92, p. 1-19, doi.org/10.1016/j.marpetgeo.2018.01.035
177. Malkowski, M., Graham, S.A., 2018, Down-slope facies variability within deep-water channel systems: insights from the Upper Cretaceous Cerro Toro Formation, southern Patagonia: Sedimentology, http://dx.doi.org/10.1111/sed.12452
178. Miller, D.D., and Graham, S.A., 2018, Late Cenozoic uplift and shortening in the central California coast ranges and development of the San Joaquin basin foreland: Geological Society of America Memoir 540, https://pubs.geoscienceworld.org/books/chapter-pdf/4539586/spe540-19.pdf
179. Orme, D.A., and Graham, S.A., 2018, A four-dimensional model of a four-dimensional model of Cretaceous depositional geometry and sediment flux in the northern great valley forearc, California: Geological Society of America Memoir 540, https://doi.org/10.1130/2018.2540(18).
180. Sharman, G.R., Hubbard, S.M., Covault, J.A., Weislogel, A.L., and Graham, S.A., 2018, Spatial and temporal evolution of sediment routing in the Alpine foreland basin system: Integrated seismic stratigraphy and detrital-zircon geochronology: Geological Society of America Bulletin, v. 30, p. 426-447, 10.1111/bre.12272
181. Sickmann, Z.T., Schwartz, T.M., and Graham, S.A., 2018, Refining stratigraphy and tectonic history using detrital zircon maximum depositional age: An example from the Cerro Forteleza Formation, Austral Basin, southern Patagonia: Basin Research, v. 30, p. 708-729, doi: 10.1111/bre.12272.
182. Shumaker L.E., Sharman, G.R., Peter R. King, P.R., Graham, S.A., 2018, The source is in the sink: Deep-water deposition by a submarine volcanic arc, Taranaki Basin, New Zealand: Sedimentology, doi: 10.1111/sed.12475.
183. Yurchenko, Inessa A., Moldowan, J. Michael, Kenneth E. Peters, K.E., Magoon, L.B., Graham, Stephan A., 2018, Source rock heterogeneity and migrated hydrocarbons in the Triassic Shublik Formation and their implication for unconventional resource evaluation in Arctic Alaska: Journal of Marine and Petroleum Geology, v. 92, p. 932-952, https://doi.org/10.1016/j.marpetgeo.2018.03.033
184. Yurchenko, Inessa A., Moldowan, J. Michael, Kenneth E. Peters, K.E., Magoon, L.B., Graham, Stephan A., 2018, The role of calcareous and shaly source rocks in the composition of petroleum expelled from the Triassic Shublik Formation, Alaska North Slope: Organic Geochemistry, v. 122, p.52-67.
185. Burton, Z.F.M., Moldowan, J.M., Sykes, R., Graham, S.A., 2018, Unraveling petroleum degradation, maturity, and mixing and addressing impact on petroleum prospectivity: Insights from frontier exploration regions in New Zealand: Energy and Fuels, v. 32, p. 1287-1296.
186. Burton, Z.F.M., Moldowan, J.M., Magoon, L.B., Sykes, R., Graham, S.A., 2019, Interpretation of source rock depositional environment and age from seep oil east coast of New Zealand: International Journal of Earth Sciences, https://doi.org/10.1007/s00531-018-01675-6
187. Daniels, B.G., Hubbard, S.M., Romans, B.W., Malkowski, M.A., Matthews, W.A., Bernhardt, A., Kaempfe, S.A., Jobe, Z.R., Fosdick, J.C., Schwartz, T.M., Fildani, A., Graham, S.A., 2019, Revised chronostratigraphic framework for the Cretaceous Magallanes-Austral Basin, Última Esperanza Province, Chile: Journal of South American Earth Sciences, v. 94, https://doi.org/10.1016/j.jsames.2019.05.025.
188. Lowe, D.R., Graham, S.A., Malkowski, M.A., Das, B., 2019, The role of avulsion and splay development in deep-water channel systems: Sedimentology, architecture, and evolution of the deep-water Pliocene Godavari "A" channel complex, India: Marine and Petroleum Geology v. 105, p. 81–99.
189. Menotti, Tess, Meisling, Kristian, Scheirer, Allegra Hosford, Graham, Stephan A., 2019: Integrating strike-slip tectonism with 3D basin and petroleum system analysis of the Salinas basin, California: American Association of Petroleum Geologists Bulletin, v. 103, p. 1443-1472, doi: 10.1306/11151817276

190. Malkowski, M.A., Sharman, G.R., Johnstone, S., Grove, M.J., Kimbrough, D.L., and Graham, S.A., 2019, Dilution and propagation of provenance trends in sand and mud: geochemistry and detrital zircon geochronology of modern sediment from central California (U.S.A.): American Journal of Science, v. 319
191. Schwartz, T.M., Methner, K., Mulch, A., Graham, S.A., Chamberlain, C.P., 2019, Sedimentary and isotopic data reveal Paleogene topographic and climatic evolution of the Northern Rocky Mountains: Geological Society of America Bulletin, doi.org/10.1130/B32068.
192. Sickmann, Z.T., Chheda, T.D., Capaldi, T.N., Thomson, K.D., Paull, C.K., and Graham, S.A., 2019, Provenance analysis in an Anthropocene natural laboratory: Quaternary Science Reviews, v. 221, doi:/10.1016/quascirev.2019.105890.
193. Sickmann, Zachary, Schwartz, Theresa, Malkowski, Matthew, Dobbs, Stephen, and Graham, Stephan, 2019, Interpreting large detrital provenance datasets in retroarc foreland basins: An example from the Magallanes Austral Basin, southernmost Patagonia: Lithosphere, https://doi.org/10.1130/L1060.1.
194. Thompson-Butler, William, Peters, K.E., Magoon, L.B., Hosford Scheirer, A., Moldowan, J.M., Blanco, V.O., Gonzales, R.E., Graham, S.A., Zunberge, J.E., Wavrek, D.A., 2019, Identification of genetically distinct petroleum tribes in the Middle Magdalena Valley, Colombia: American Association of Petroleum Geologists Bulletin, v. 103. P. 3003-3034, DOI:10.1306/04101918107
195. Burton, Z.M.F., Kroeger, K.F., Scheirer, A.S., Seol, Y., Burgreen-Chan, B., Graham, S.A., 2020, Tectonic uplift destabilizes subsea gas hydrate: A model example from Hikurangi margin, New Zealand, Geophysical Research Letters, doi.org/10.1029/2020GL087150
196. Gooley, J.T., Sharman, G.R., Graham, S.A., 2020, Reconciling along-strike disparity in slip displacement of the San Andreas fault, central California: Geological Society of America Bulletin, https://doi.org/10.1130/B35681.1
197. Gao, Y., Ibarra, D.E., Caves Rugenstein, J.K., Chen, J., Kukla, T., Methner, K., Gao, Y., Huang, H., Zhang, L., Xi, D., Carroll, A.R., Graham, S.A., Chamberlain, C.P., Wang, C., 2021, Terrestrial climate in mid-latitude East Asia from the latest Cretaceous to the earliest Paleogene: A multiproxy record from the Songliao basin in northeastern China: Earth-Science Reviews, https://doi.org/10.1016/j.earscirev.2021.103572
198. Gooley, J.T., Grove, M., and Graham, S.A., 2021, Tectonic evolution of the central California margin as reflected by detrital zircon composition in the Mount Diablo region, in Sullivan, R., Sloan, D., Unruh, J.R., and Schwartz, D.P., eds., Regional Geology of Mount Diablo, California: Its Tectonic Evolution on the North America Plate Boundary:: Geological Society of America Memoir 217, https://doi.org/10.1130/2021.1217(14).
199. Chaipornkaew, L., Elston, H., Cooke, M., Mukerji, T., Graham, S.A., 2022, Predicting off-fault deformation from experimental strike-slip fault images using convolutional neural networks: Geophysical Research Letters, 10.1029/2021GL096854**.**
200. Coleman, R.G., Gooley, J.T., Gregory, R.T., and Graham, SA., 2022, New Idria Serpentinite Protrusion, Diablo Range, California: from Upper Mantle to the Surface: American Journal of Science, v. 322, p. 533-560, DOI 10.2475/04.2022.01.
201. Dobbs, S.C., Malkowski, M.A., Schwartz, T.M., Sickmann, Z.T., Graham, S.A., 2022, Depositional controls on detrital zircon provenance: An example from Upper Cretaceous strata, southern Patagonia: Frontiers in Earth Sciences, doi: 10.3389/feart.2022.824930.
202. Burton, Z.M.F., McHargue, T., Kremer, C.H., Bloch, R.B., Gooley, J.T., Jaikla, C., Harrington, J., and Graham, S.A., 2023, Peak Cenozoic warmth enabled deep-sea sand deposition: Nature Scientific Reports, https://www.nature.com/articles/s41598-022-27138-2.
203. Dobbs, S., Lundsten, E., Gwiazda, R., Caress, D., McHargue, T., McGann, M., Walton, M., Coholich, M., Nieminski, N., Paull, C.K., and Graham, S., 2023, Sediment gravity flow frequency diminished significantly following the Last Glacial Maximum (offshore central California): Frontiers in Marine Science, https://doi.org/10.3389/fmars.2023.1099472.
204. Feng, Z.Q., and Graham, S.A., 2023, From foredeep to orogenic wedge-top: The Late Cretaceous Songliao retroforeland basin, China: Geoscience Frontiers, https://doi.org/10.1016/j.gsf.2022.101527.
205. Burton, Z.F.M., McHargue, T.R., Graham, S.A., 2024, Global Eocene-Oligocene boundary unconformity in clastic sedimentary basins: Earth-Science Reviews, v. 258, https://doi.org/10.1016/j.earscirev.2024.104912
206. Almonte, N.G., Malkowski, M., Dobbs, S., Graham, S., 2024, Detrital zircon provenance links between outcrop and subsurface, Magallanes-Austral Basin: Geosphere, *in press*.
207. Dafov, L.N., Burton, Z.F.M., Haines, S.S., Hosford Scheirer, A., Masurek, N., Boswell. R., Frye, M., Seol, Y., Graham, S.A., 2024, Terrebonne basin (Gulf of Mexico) gas hydrate resource assessment and 3-D modeling of basin-scale sedimentation, salt tectonics, and hydrate system evolution since the early Miocene: Journal of Marine and Petroleum Geology, *in review*.

208. Feng, Z.Q., and Graham, S.A., 2024, The Songliao Basin, in Chiarello, D., Scarselli, N., Adam, J., eds., Phanerozoic Regional Geology of the World, Regional Geology and Tectonics: Volume 2, Second Edition, Chapter 6: Elsevier, https://doi.org/10.1016/B978-0-444-64136-6.00003-8.
209. Hsiao, L.Y., and Graham, S.A., 2024, Xialiao, Xialiao basin arm of the North China Basin: A Paleogene rift basin modified by strike-slip deformation, in Chiarello, D., Scarselli, N., Adam, J., eds., Phanerozoic Regional Geology of the World, Regional Geology and Tectonics: Volume 2, Second Edition, Chapter 11: Elsevier.
210. Rey, F.M., Malkowski, M.A., Fosdick, J.C., Dobbs, S.C., Calderon, M., Ghiglione, M.C., Graham, S.A., 2024, Detrital isotopic record of a retreating accretionary orogen: An example from the Patagonian Andes: Geology, https://doi.org/10.1130/G51918.1.
211. Tully, J., Johnson, C.L., Graham, S.A., Cope, T., Ritts, B., 2024, Sedimentary basins of the late Mesozoic extensional domain of China and Mongolia, in Chiarello, D., Scarselli, N., Adam, J., ed., Phanerozoic Regional Geology of the World, Regional Geology and Tectonics: Volume 2, Second Edition, Chapter 10: Elsevier.

NON-REVIEWED ARTICLES AND REGIONAL PUBLICATIONS

1. Dickinson, W.R., and S.A. Graham, 1975, Sedimentary environments, depositional systems and stratigraphic cycles. In W.R. Dickinson, ed., Current concepts of depositional systems with applications for petroleum geology: San Joaquin Geological Society Short Course, Bakersfield, p. 1-10.
2. Graham, S.A., 1976, Tertiary stratigraphy and depositional environments near Indians Ranch, Monterey County, California: Neogene Symposium Volume, Pacific Section, Society Economic Paleontologists and Mineralogists, p. 125-136.
3. Graham, S.A., 1979, Tertiary paleotectonics and paleogeography of the Salinian block: Pacific Section, Society Economic Paleontologists and Mineralogists, v. 7, p. 45-51.
4. Graham, S.A., 1979, Field Trip Roadlog, Day 1: Stratigraphy and structure of Tertiary rocks, King City to Indians Ranch area, Los Padres National Forest, California: Pacific Section, Society Economic Paleontologists and Mineralogists, v. 14, p. 101-117.
5. Graham, S.A., and K.D. Berry, 1979, Early Eocene paleogeography of the central San Joaquin Valley: Origin of the Cantua Sandstone: Tertiary Symposium Volume, Pacific Section, Society Economic Paleontologists and Mineralogists, p. 119-127.
6. Graham, S.A., 1980, Notes on the Miocene section at Atascadero California. In G.H. Blake, ed., Neogene biostratigraphy of the northern LaPanza Range, San Luis Obispo County, California: Pacific Section, Society Economic Paleontologists and Mineralogists, v. 6, p. 39-44.
7. Graham, S.A., 1981, Stratigraphic and depositional patterns and hydrocarbon occurrence, Sacramento Valley, California: Pacific Section, American Association Petroleum Geologists, v. 50, p. 43-58.
8. Graham, S.A., and R.V. Ingersoll, 1981, Field guide to the Mesozoic-Cenozoic convergent margin of northern California: Objectives and geologic overview: Pacific Section, American Association Petroleum Geologists, v. 50, p. 3-12.
9. Schweickert, R.A., and S.A. Graham, 1981, Field trip roadlog: Sierra Nevada arc complex, Reno to Sacramento: Pacific Section, American Association Petroleum Geologists, v. 50, p. 25-40.
10. Fasshi, M.R., S. Abu-Khamsin, W.E. Brigham, L.A. Williams, and S.A. Graham, 1982, A preliminary study of in situ combustion in diatomites: Proceedings of the Society of Petroleum Engineers, California Regional Meeting (1982), p. 37-54.
11. Graham, S.A., L.A. Williams, M. Bate, and L.S. Weber, 1982, Stratigraphic and depositional framework of the Monterey Formation and associated coarse clastics of the central San Joaquin basin: Pacific Section, Society Economic Paleontologists and Mineralogists, v. 25, p. 3-16.
12. Williams, L.A., S.A. Cooley, S.A. Graham, and L. Phillips, 1982, Roadlog: Monterey Formation and associated coarse clastics of the central San Joaquin Valley: Pacific Section, Society Economic Paleontologists and Mineralogists, v. 25, p. 75-95.
13. Estes, P., C. Gavigan, S. Graham, C. McCloy, L. Weber, and M. Hitzman, 1983, Orinda and Moraga Formations at Eastern Portal of Caldecott Tunnel: Pacific Section, Society Economic Paleontologists and Mineralogists, v. 29, p. 89-92.
14. Graham, S.A., and L.A. Williams, 1983, The Monterey: Formation tapped for big pays: American Association Petroleum Geologists, AAPG Explorer, September 1983, p. 1-5.

15. Graham, S.A., C. Gavigan, C. McCloy, M. Hitzman, R. Ward, and R. Turner, 1983, Basin evolution during the change from convergent to transform continental margin: An example from the Neogene of central California: Pacific Section, Society Economic Paleontologists and Mineralogists, v. 29, p. 101-118.
16. Ward, R., and S. Graham, 1983, Neroly Formation along Kirker Pass Road, South of Pittsburg. In V.B. Cherven and S.A. Graham, eds., Geology and sedimentology of the southwestern Sacramento Basin and East Bay Hills: Pacific Section, Society Economic Paleontologists and Mineralogists, v. 29, p. 86.
17. Garrison, R.E., and S.A. Graham, 1984, Early diagenetic dolomites and the origin of dolomite-bearing breccias, lower Monterey Formation, Arroyo Seco, Monterey County, California: Pacific Section, Society Economic Paleontologists and Mineralogists, v. 41, p. 87-102.
18. Ingersoll, R.V., S.A. Graham, R.A. Schweichert, J.R. Kleist, and D.S. Cowan, 1984, Mesozoic-Cenozoic convergent margin of northern California: Mackay School of Mines (Nevada), Geological Society of America Guidebook, v. 4, p. 304-353. Graham, S. A., 1985, Introduction: Geology of the Temblor Formation, western San Joaquin Basin, California, in Graham, S. A., ed., Geology of the Temblor Formation, western San Joaquin basin, California: - Pacific Section SEPM v. 44, p. 1-3.
19. Graham, S.A., J.B. Carter, J.J. Pence, S.A. Cooley, and M.A. Bate, 1985, Field guide to the Temblor Formation (Miocene), central San Joaquin basin, California: Pacific Section, Society Economic Paleontologists and Mineralogists, v. 44, p. 179-202.
20. Graham, S.A., S.A. Carroll, and G.E. Miller, 1988, Kern River Formation as a recorder of uplift and glaciation of the southern Sierra Nevada. In Graham, S.A., ed., Studies of the geology of the San Joaquin basin: Pacific Section, Society Economic Paleontologists and Mineralogists, v. 60, p. 319-332.
21. McKnight, C.L., Carroll, A.R., Chu, J., Hendrix, M.S., Graham, S.A. and Lyon, R.J., 1989, Stratigraphy and structure of the Kalpin uplift, Tarim basin, northwest: Proceedings of the Seventh Thematic Conference on Remote Sensing for Exploration Geology, Environmental Research Institute of Michigan, p. 1085-1096.
22. Graham, S.A., and Lowe, D.R., 1993, 1ntroduction, in Graham, S. A., and Lowe, D. R., editors, Advances in the sedimentary geology of the Great Valley Group, Sacramento Valley, California: SEPM Pacific Section Guidebook, p. 1-2.
23. Graham, S.A., Lowe, D.R., Anderson, K.S., Hickson, T., 1996, Thick-bedded coarse-grained deep-water deposits, Cretaceous and Paleogene, central California, in Abbott, P.L., and Cooper, J.D., eds., American Association of Petroleum Geologists Field Conference Guide 1996: Pacific Section American Association of Petroleum Geologists Guidebook 73, p. 1-4.
24. Mason, E.L., and Graham, S.A., 2000, Structural and tectonic controls on basin partitioning, sediment dispersal, and stratigraphic architecture of Mesozoic and Cenozoic deep-marine coarse-clastic deposits, central California: in Appi, C.J., d'Avila, R.S.F., and Viana, A.R., eds., Deep-water sedimentation: Technological challenges for the next millenium: 31st International Geological Congress Workshop Program and Abstract Volume, p. 43-48.
25. Lamb, M.A., Anderson, K.S., and Graham, S.A., 2003, Stratigraphic architecture of a sand-rich, deep-sea depositional system: The Stevens Sandstone, San Joaquin basin, California: Pacific Section, American Association of Petroleum Geologists Special Publication MP-47.
26. Graham, S.A., and Lowe, D.R., 2008, Preface, in Nilsen, T., Shew, R., Steffens, G, and Studlick, J., eds., Deep-Water Outcrops of the World Atlas: American Association of Petroleum Geologists Special Publication, p. 2.
27. Armitage, D.A., Romans, B.W., Covault, J.A., and Graham, S.A., 2009, Tres Pasos mass transport deposit topography; Sierra Contreras, in Fildani, A., Hubbard, S.M., and Romans, B.W., eds., Stratigraphic evolution of deep-water architecture; Examples on controls and depositional styles from the Magallanes Basin, Chile: SEPM Field Trip Guide Series #10.
28. Covault, J.A., Romans, B.W., and Graham, S.A., 2009, Transition from deep-water to shelf edge deposition, Tres Pasos and Dorotea formations, Cerro Escondido, in Fildani, A., Hubbard, S.M., and Romans, B.W., eds., Stratigraphic evolution of deep-water architecture; Examples on controls and depositional styles from the Magallanes Basin, Chile: SEPM Field Trip Guide Series #10.
29. Graham, S.A., Carroll, A.R., and Luo, P., 2010, Tectonic and stratigraphic evolution of nonmarine basins of China: Basin Research, v. 22, p. 1-3.
30. Menotti, T.A., and Graham, S.A., 2012, Salinas Basin Petroleum System of central California and its outcrop expression: Pacific Section SEPM Book 114, 31 p.
31. Menotti, T.A., and Graham, S.A., 2020, The Salinas Basin, central California, USA (Petroleum System in Outcrop), in Behl, R., ed., Outcrops that change the way we practice petroleum geology: 2020 Pacific Section AAPG/SEPM/SEG Conference: Pacific Section, American Association of Petroleum Geologists, PS-AAPG Guidebook 81, p. 31-52.

EDITED VOLUMES

1. Graham, S.A., editor, 1979, Field guide to the Salinas Valley and Santa Lucia Range, California: Pacific Coast Paleogeography Field Guide 4, Pacific Section, Society Economic Paleontologists and Mineralogists, 148 p.
2. Graham, S.A., editor, 1981, Field guide to the Mesozoic-Cenozoic convergent margin of northern California: Pacific Section, American Association of Petroleum Geologists, volume 50, 118 p.
3. Williams, L.A., and S.A. Graham, editors, 1982, Monterey Formation and associated coarse clastic rocks, central San Joaquin basin, California: Pacific Section, Society Economic Paleontologists and Mineralogists, Volume and Field Guide, 95 p.
4. Cherven, V.B., and Graham, S.A., eds.,1983, Geology and sedimentology of the southwestern Sacramento Basin and East Bay Hills: Pacific Section, Society Economic Paleontologists and Mineralogists, v. 29.
5. Graham, S.A., editor, 1985, Geology of the Temblor Formation, western San Joaquin basin, California: Pacific Section, Society Economic Paleontologists and Mineralogists, Volume 44, 202 p.
6. Grove, K., and S. Graham, editors, 1986, Geology of Upper Cretaceous and lower Tertiary rocks near Lake Nacimiento, California: Pacific Section, Society Economic Paleontologists and Mineralogists, Volume 49, 63 p.
7. Graham, S.A., editor, 1988, Studies of the geology of the San Joaquin basin: Pacific Section, Society Economic Paleontologists and Mineralogists, v. 60, 351 p.
8. Graham, S. A., and Lowe, D. R., editors, 1993, Advances in the sedimentary geology of the Great Valley Group, Sacramento Valley, California: SEPM Pacific Section Guidebook, 65 p.
9. Wagner, D., and Graham, S.A., editors., 1999, Geologic field trips in northern California: California Division of Mines and Geology Special Publication 119, 254 p.
10. Graham, S.A., Carroll, A.R., and Luo, P., editors, 2010, Nonmarine sedimentary basins of China: Basin Research special issue, 138 p.
11. Wang, C., Graham, S.A., Parrish, J.T., and Wan, X., editors, 2013, Environmental/climate change in the Cretaceous Greenhouse World: records from terrestrial scientific drilling of Songliao Basin and adjacent area of China: Palaeogeography, Palaeoclimatology, Palaeoecology, v. 385, 228 p.
12. Wang, C., Feng, Z., Wang, P., Graham, S.A., editors, 2017, Initial Report of Continental Scientific Drilling Project of the Cretaceous Songliao Basin (SK-1) in China: Elsevier, 690 p., ISBN: 9788-7-053047-9
13. Hurst, A., Kenter, J., Graham, S., 2018, Outcrops that change the way we practice petroleum geology: American Association of Petroleum Geologists, volume 101, no. 4, 633 p.
14. Ingersoll, R.V., Lawton, T.F., Graham, S.A., editors, 2018, Tectonics, Sedimentary Basins and Provenance: A Celebration of the Career of William R. Dickinson: Geological Society of America Special Paper 540, 757p.

DISCUSSION AND REPLY

1. Weislogel, A.L., Graham, S.A., Chang, E.Z., Wooden, J.L., Gehrels, G.E., Yang, H., 2006, Detrital zircon provenance of the Late Triassic Songpan-Ganzi complex: Sedimentary record of collision of the North and South China blocks: REPLY: Geology, doi 10.1130/G23141.1, page e108
2. Maier, K.L., Flidani, K., McHargue, T., Paull, C.K., Graham, S.A., and Caress, D.W., 2012, Discussion Reply: Punctuated deep-water channel migration: High-resolution subsurface data from the Lucia Chica channel system, offshore California, U.S.A. - Reply : Journal of Sedimentary Research.
3. Gao, Yuan, Ibarra, Daniel E., Wang, Chengshan, Caves, Jeremy K., Chamberlain, C. Page, Graham, Stephan A. and Wu, Huaichun, 2015, Mid-latitude terrestrial climate of East Asia linked to global climate in the Late Cretaceous: Reply: Geology, doi:10.1130/ G37574Y.1.

MAPS AND CHARTS

1. Graham, S.A., Indians Ranch Section, In Bishop, C.C., and J.F. Davis, coordinators, 1984, Central California province correlation chart: American Association of Petroleum Geologists Correlation of Stratigraphic Units in North America (COSUNA).
2. Bloch, R.B. and Graham, S.A., Coordinators, 1991, West Coast Regional Cross Section: American Association of Petroleum Geologists Regional Cross Section Series, 3 sheets.
3. Graham, S.A., Seedorf, D., Walter, O., and Bloch, R.B., 1991, San Andreas fault to Pacific Coast (Sheet 2 of 3), in Bloch, R.B. and Graham, S.A., Coordinators, West Coast Regional Cross Section: American Association of Petroleum Geologists Regional Cross Section Series.

4. Johnson, C.J., Bloch, R.B., and Graham, S.A., 2005, Tertiary Sequences of the Central San Joaquin Basin, California: Age Control and Eustatic Versus Tectonic Forcing Factors: Pacific Section American Association of Petroleum Geologists, Chart MP49.

DIGITAL VIDEO DISK

1. Howell, D.G., Graham, S.A., and Zlatnik, D., co-ordinators, 2003, Perspectives on Energy: Today and Tomorrow. Discussions of Resources, Technology, Economics and Policy: Circum-Pacific Council for Energy and Mineral Resources, 2 DVD set of 11 lectures.
2. Graham, S.A., editor, 2010, Collected graduate dissertations of the Stanford San Joaquin Project, 1981-2000: Pacific Section AAPG, 2-DVD set.