

CURRICULUM VITAE (UPDATED MAY, 2020)

NAME: Paul Mann

PRESENT POSITION, ADDRESS:

Professor of Geology, Robert E. Sheriff Endowed Chair
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DEGREES:

- B.A., Geology, Oberlin College, 1978
- Ph.D., Geology, State University of New York at Albany, 1983

RESEARCH EXPERIENCE:

2011- Professor of Geology, Robert E. Sheriff Endowed Chair, Department of Earth and Atmospheric Sciences, University of Houston

1999-2011 Senior research scientist and lecturer, The University of Texas at Austin

1991–1999 Research scientist and lecturer, The University of Texas at Austin

1983–1991 Research associate and lecturer, The University of Texas at Austin

1978-83 SUNY University fellow, graduate research assistant, graduate teaching assistant

HONORS AND VISITING APPOINTMENTS:

1978-2019 Phi Beta Kappa, Oberlin College (1978), SUNY Albany University Fellowship (1978-81), SUNY Albany Presidential award for outstanding doctoral dissertation (1983), OAS fellowship to the Dominican Republic (1984), AAPG citation for excellence in reviewing (1996), Erskine fellowship at University of Canterbury, New Zealand (1997), French Academy of Sciences Fellowship at the University of Nice (1999-2000), GSA citation for excellence in reviewing (2001), Fellow Geological Society of America (2005), Joseph C. Walter Research Excellence Award, University of Texas at Austin (2006), Outstanding Research Award, University of Texas at Austin (2008), Leiv Eiriksson fellowship at University of Stavanger, Norway (2008), Director's Circle of Excellence Award, University of Texas at Austin (2010), University of Houston advisor of the year award for undergraduate group, Geosociety (2013), Publons annual award for top 1 percent of reviewers in earth and planetary sciences (2017, 2018); AAPG Robert H. Dott,

Sr., Award for AAPG Memoir 108 (with Dr. Claudio Bartolini) (2018); AAPG Outstanding Educator Award (2020); Outstanding paper award for 2019 papers published in journal *Interpretation*.

MEMBERSHIPS

1982-2020 American Geophysical Union (1982-present), Geological Society of America (1985-present), American Association of Petroleum Geologists (1986 -present), Society of Exploration Geophysicists (2015-present), Houston Geologic Society (2011-present)

SERVICE TO THE COMMUNITY (2011-PRESENT)

1982-2020 Associate editor *Geology* (1990-2), Associate editor *Geological Society of America Bulletin* (2000-2012); Associate editor *Marine and Petroleum Geology* (2011-2017); Scientific Advisory Board *Geologica Acta* (2014-present), Associate Editor *Marine Geophysical Research* (2016-present)

1983-2011 **University of Texas:** Convenor or co-convenor of oral and poster sessions at the Fall AGU meetings of 1990, 1994, 1995, 1996, 1998, 2000, 2007); Invited participant Subcon meeting, 1994; Member of AGU meetings committee (1998-2000); Lead convenor of GSA Penrose meeting on subduction to strike-slip transitions in Dominican Republic (1998); JOI-funded participant, Japanese cruise to the Solomon Islands; Review panel NSF Marine Geology and Geophysics (1998, 2012); Invited participant NSF Margins Source to Sink planning meeting, 2001; Visiting committee Department of Geology, University of West Indies, Jamaica (2001-2007); Invited participant and field trip leader, SSA Puerto Rico seismic hazards, 2003; Participant in NSF rapid response to the 2003 Dominican earthquake; Co-author of outstanding AGU student presentations (2003; 2004; 2010); Co-convenor of Geological Society of London conference on strike-slip restraining bends (2005); Co-convenor IODP drilling workshop, Austin (2006); Invited speaker for NSF conference on Caribbean biodiversity, 2006; Invited speaker and short course provider in Trinidad and Tobago (2007, 2013, 2016); Invited speaker at Geological Society of London Caribbean conferences in Spain (2006, 2016); Participant in NSF rapid response to the 2010 Haiti earthquake; Invited participant in Haiti earthquake session, Brazil, 2010; Invited participant in conference on rebuilding Haiti, Miami, 2010; Lead convenor of GSA Penrose meeting on arc-continent collision in Colombia (2011); Invited participant on meetings about the Haiti earthquake in Haiti and Dominican Republic (2010-11).

2011-20 **University of Houston:** Building committee (chairman); Web committee (chairman); Graduate admissions committee; NSM tenure and promotion committee; Dean's search committee; Personnel, tenure, and promotion committee; Annual UH Research Day organizer 2012-16); Annual Robert E. Sheriff Lecture Committee; Faculty advisor (Geosociety undergraduate geology club and AAPG Wildcatters grad club); Faculty search committee; Academic

liaison to Houston Geological Society (2014-present); Co-convenor AGU Caribbean sessions (2017, 2019).

EDITED VOLUMES AND SPECIAL JOURNAL ISSUES (1991-PRESENT):

1. **Mann, P.**, Draper, G., and Lewis, J. F., editors, 1991, *Geologic and Tectonic Development of the North America-Caribbean Plate Boundary in Hispaniola*, Geological Society of America Special Paper 262, 401 p. and map enclosures.
2. **Mann, P.**, editor, 1995, *Geologic and Tectonic Development of the Caribbean Plate Boundary in Southern Central America*, Geological Society of America Special Paper 295, 349 p. and map enclosures.
3. Dolan, J. F., and **Mann, P.**, editors, 1997, *Active Strike-Slip and Collisional Tectonics of the Northern Caribbean Plate Boundary Zone*, Geological Society of America Special Paper 326, 174 p.
4. **Mann, P.**, 1999, *Caribbean Sedimentary Basins*, Elsevier Sedimentary Basins of the World Series, volume 4, Series Editor, K. Hsu, (21 chapters, 736 pages).
5. **Mann, P.**, and Taira, A., editors, 2004, *Tectonics, seismicity, and crustal structure of the Ontong Java Plateau-Solomon Islands convergent zone, southwest Pacific Ocean*, Special issue of *Tectonophysics*, v. 389, p. 125-307.
6. **Mann, P.**, editor, 2005, *Active tectonics and seismic hazards of Puerto Rico, the Virgin Islands and Offshore areas*, Geological Society of America Special Paper 385, 299 p.
7. **Mann, P.**, and Escalona, A., 2006, editors, *3D anatomy of a supergiant: Maracaibo basin, Venezuela*, AAPG Bulletin Special Issue, v. 90, p. 443-696.
8. **Mann, P.**, editor, 2007, *Geologic and Tectonic Development of the Caribbean Plate Boundary in Northern Central America*, Geological Society of America Special Paper 428, 179 p.
9. Cunningham, D., and **Mann, P.**, 2007, editors, *Tectonics of strike-slip restraining and releasing bends*, Geological Society of London Special Publication no. 290, 482 p.
10. **Mann, P.**, and Escalona, A., 2011, guest editors, *Tectonics, basinal framework, and petroleum systems of eastern Venezuela, the Leeward Antilles, Trinidad and Tobago, and offshore areas*, special issue of *Marine and Petroleum Geology*, v. 28, issue 1, 277 p.
12. Baldwin, S., **Mann, P.**, Little, T., and Abers, G., guest editors, 2013, *Lithospheric evolution of Cenozoic UHP terranes: From convergence to extension*, *Geochemistry, Geophysics, Geosystems*, volume 14.
11. Mora, A., Garcia, D., Guzman, M., and **Mann, P.**, guest editors, 2015, *Petroleum systems of the Eastern Cordillera, Foothills basins and associated Llanos basin*, AAPG Bulletin Special Issue, vol. 99, number 8, August 2015.

13. Bartolini, C., and **Mann, P.**, editors, 2015, *Petroleum geology and potential of the Colombian Caribbean margin*, AAPG Memoir 108: 27 chapters, 270 pages.

PUBLICATIONS (1981-PRESENT): Google Scholar H factor = 61

* Denotes graduate student or post-doctoral co-author

1. **Mann, P.***, and K. Burke, 1981, Neogene wrench faulting in the Wagwater Belt, Jamaica: *Transactions Caribbean Geological Conference*, 9th, Santo Domingo, p. 95-97.
2. **Mann, P.**, M. R. Hempton*, D. C. Bradley* and K. Burke, 1983, Development of pull-apart basins, *J. Geol.*, v. 91, p. 529-554. Reprinted in: *Structural Concepts and Techniques, II: Basement Involved Deformation*, AAPG Treatise of Petroleum Geology Reprint Series, No. 10, 1989, p. 1-26.
3. Burke, K., J. C. Cooper*, J. F. Dewey, **P. Mann***, and J. L. Pindell*, 1984, Caribbean tectonics and relative plate motions, in *The Caribbean-South American Plate Boundary and Regional Tectonics*, *Geological Society of America Memoir* 162, p. 31-63.
4. **Mann, P.**, F. W. Taylor, K. Burke, and R. Kulstad, 1984, Subaerially exposed Holocene coral reef, Enriquillo Valley, Dominican Republic, *Geological Society of America Bulletin*, v. 95, p. 1084-1092.
5. **Mann, P.**, K. Burke, and T. Matumoto, 1984, Neotectonics of Hispaniola: Plate motion, sedimentation, and seismicity at a Restraining Bend, *Earth and Planetary Science Letters*, v. 70, p. 311-324.
6. **Mann, P.**, and K. Burke, 1984, Neotectonics of the Caribbean, *Reviews of Geophysics and Space Physics*, v. 22, p. 309-362.
7. **Mann, P.**, and K. Burke, 1984, Cenozoic rift development in the northern Caribbean, *Geology*, v. 12, p. 732-736.
8. Taylor, F. W., **P. Mann**, S. Valastro, Jr., and K. Burke, 1985, Stratigraphy and radioisotopic chronology of a subaerially exposed Holocene coral reef, Dominican Republic, *Journal of Geology*, v. 93, p. 311-332.
9. **Mann, P.**, G. Draper, and K. Burke, 1985, Neotectonics of a strike-slip restraining bend system, Jamaica, in K. T. Biddle, and N. Christie-Blick, eds., *SEPM Special Publication* no. 37, p. 211-226.
10. Eva, A. N., K. Burke, **P. Mann**, and G. Wadge, 1989, Four-phase tectonostratigraphic development of the southern Caribbean, *Marine and Petroleum Geology*, v. 6, p. 9-21.

11. Corrigan, J.*, **Mann, P.**, and J.C. Ingle, Jr., 1990, Forearc response to subduction of the Cocos Ridge, Panama-Costa Rica, *Geological Society of America Bulletin*, v. 102, p. 628-652.
12. **Mann, P.**, and Corrigan, J. *, 1990, Model for late Neogene deformation in Panama: *Geology*, v. 18, p. 558-562.
13. **Mann, P.**, and Burke, K., 1990, Transverse intra-arc rifting: Palaeogene Wagwater Belt, Jamaica, 1990, *Marine and Petroleum Geology*, v. 17, p. 410-427.
14. **Mann, P.**, Schubert, C., and Burke, K., 1990, Review of Caribbean neotectonics, in Dengo, G., and Case, J. E., eds., The Caribbean region: Boulder, Colorado, Geological Society of America, *The Geology of North America*, v. H, p. 307-338.
15. Taylor, F. W., and **Mann, P.**, 1991, Late Quaternary folding of coral reef terraces, Barbados: *Geology*, v. 19, p. 103-106.
16. Heubeck, C.*, **Mann, P.**, Dolan, J., and Monechi, S., 1991, Diachronous uplift and recycling of Sedimentary Basins during Cenozoic tectonic transpression, northeastern Caribbean Plate Margin: *Sedimentary Geology*, v. 70, p. 1-32.
17. Heubeck, C.*, and **Mann, P.**, 1991, Geologic evaluation of plate kinematic models for the northern Caribbean Plate Boundary Zone, *Tectonophysics*, v. 191, p. 1-26.
18. Rosencrantz, E., and **Mann, P.**, 1991, SeaMARC II mapping of transform faults in the Cayman Trough, Caribbean Sea: *Geology*, v. 19, p. 690-693.
19. **Mann, P.**, and Lawrence, S. R., 1991, Petroleum potential of southern Hispaniola: *Journal of Petroleum Geology*, v. 14, p. 291-308.
20. **Mann, P.**, Tyburski, S.*, and Rosencrantz, E., 1991, Neogene development of the Swan Islands restraining-bend complex, Caribbean Sea, *Geology*, v. 19, p. 823-826.
21. **Mann, P.**, Draper, G., and Lewis, J., 1991, Overview of the geologic and tectonic development of Hispaniola, in Mann, P., Draper, G., and Lewis, J. F., eds., *Geologic and Tectonic Development of the North America-Caribbean Plate Boundary in Hispaniola*, GSA Special Paper 262, p. 1-28.
22. Dolan, J., **Mann, P.**, de Zoeten, R.*, Heubeck, C.*, Shiroma, J. *, and Monechi, S., 1991, Sedimentologic, stratigraphic, and tectonic synthesis of Eocene-Miocene sedimentary basins, Hispaniola and Puerto Rico, in Mann, P., Draper, G., and Lewis, J. F., eds., *Geologic and Tectonic Development of the North America-Caribbean Plate Boundary in Hispaniola*, GSA Special Paper 262, p. 217-264. UTIG no. 877.
23. de Zoeten, R.*, and **Mann, P.**, 1991, Structural geology and Cenozoic tectonic history of the Central Cordillera Septentrional, Dominican Republic, in Mann, P., Draper, G., and Lewis, J. F., eds., *Geologic and Tectonic Development of the North America-Caribbean Plate Boundary in Hispaniola*, GSA Special Paper 262, p. 265-279.

24. Heubeck, C.*, and **Mann, P.**, 1991, Structural geology and tectonic history of the southeastern termination of the Cordillera Central, Dominican Republic, in Mann, P., Draper, G., and Lewis, J. F., eds., *Geologic and Tectonic Development of the North America-Caribbean Plate Boundary in Hispaniola*, GSA Special Paper 262, p. 315-336.
25. McLaughlin, P.*, van den Bold, W., and **Mann, P.**, 1991, Geology of the Enriquillo and Azua Basins, Dominican Republic, 1: Neogene lithofacies, biostratigraphy, biofacies, and paleogeography, in Mann, P., Draper, G., and Lewis, J. F., eds., *Geologic and Tectonic Development of the North America-Caribbean Plate Boundary in Hispaniola*, GSA Special Paper 262, p. 337-366.
26. **Mann, P.**, McLaughlin, P.*, and Cooper, J. , 1991, Geology of the Enriquillo and Azua Basins, Dominican Republic, 2: Structure and tectonics, in Mann, P., Draper, G., and Lewis, J. F., eds., *Geologic and Tectonic Development of the North America-Caribbean Plate Boundary Zone in Hispaniola*, GSA Special Paper 262, p. 367-389.
27. Lugo, J.*, and **Mann, P.**, 1992, Colision obliqua y formacion de una cuenca foreland durante el Paleoceno tardio al Eoceno medio, Cuenca de Maracaibo, Venezuela, *Transactions of the 8th Latin American Geological Congress*, Salamanca, Spain, p. 60-64.
28. Prentice, C. S., **Mann, P.**, Taylor, F. W., Burr, G., and Valastro, S., 1993, Paleoseismicity of the North American-Caribbean plate boundary (Septentrional fault), Dominican Republic: *Geology*, v. 21, p. 49-52.
29. Draper, G., **Mann, P.**, and Lewis, J. F., 1994, Chapter 7: Hispaniola, in Donovan, S. K., and Jackson, T. A., (eds.), *Caribbean Geology: An Introduction*, The University of West Indies Publishers Association, p. 129-150.
30. van der Hilst, R., and **Mann, P.**, 1994, Tectonic implications of subducted lithosphere beneath northwestern South America, *Geology*, v. 22, p. 451-454.
31. **Mann, P.**, and Kolarsky, R.*, 1995, East Panama deformed belt: Age, structure, and neotectonic significance, in Mann, P., editor, *Geologic and tectonic development of the Caribbean plate boundary in southern Central America*, Geological Society of America Special Paper 295, p. 111-130.
32. Kolarsky, R.*, and **Mann, P.**, 1995, Structure and neotectonics of an oblique-subduction margin, southwestern Panama, in Mann, P., editor, *Geologic and tectonic development of the Caribbean plate boundary in southern Central America*, Geological Society of America Special Paper 295, p. 131-157.
33. Kolarsky, R.*, **Mann, P.**, and Monechi, S., 1995, Stratigraphic development of southwestern Panama as determined from integration of marine seismic data and onshore geology, in Mann, P., editor, *Geologic and tectonic development of the Caribbean plate boundary in southern Central America*, Geological Society of America Special Paper 295, p. 159-200.

34. Kolarsky, R.*, **Mann, P.**, and Montero, W., 1995, Island arc response to shallow subduction of the Cocos Ridge, Costa Rica, in Mann, P., editor, *Geologic and tectonic development of the Caribbean plate boundary in southern Central America*, Geological Society of America Special Paper 295, p. 235-262. UTIG no. 1077.
35. Lugo, J.*, and **Mann, P.**, 1995, Jurassic-Tertiary history of the Maracaibo basin, Venezuela, in A. Tankard, R. Suarez, and H. Welsink, editors, *Petroleum Basins of South America*, American Association of Petroleum Geologists Memoir 62, p. 699-725.
36. **Mann, P.**, Taylor, F. W., Edwards, R. L., and Ku, R., 1995, Actively evolving microplate formation by oblique collision and sideways motion along strike-slip faults: An example from the northeastern Caribbean plate margin, *Tectonophysics*, v. 246, p. 1-69.
37. **Mann, P.**, and Gordon, M.**, 1996, Tectonic uplift and exhumation of blueschist belts along transpressional strike-slip fault zones, in *Dynamics of Subduction Zones*, G. Bebout, D. Scholl, S. Kirby, and J. Platt, eds. Geophysical Monograph 96, American Geophysical Union, Washington, D. C., p. 143-154.
38. **Mann, P.**, Coffin, M., Shipley, T., Cowley, S.*, Phinney, E.*, Teagan, A.*, Suyehiro, K., Takahashi, Araki, E.*, N., Shinohara, M., and Miura, S.*, 1996, Researchers investigate fate of oceanic plateaus at subduction zones: *EOS, Transactions of the American Geophysical Union*, v. 77, no. 30, p 282-3.
39. Gordon, M.*, **Mann, P.**, Caceres, D., and Flores, R., 1997, Cenozoic tectonic history of the North America-Caribbean plate boundary in western Cuba, *Journal of Geophysical Research*, v. 102, p. 10,055-10,082.
40. **Mann, P.**, 1997, Model for the formation of large transtensional basins in zones of tectonic escape, *Geology*, v. 25, p. 211-214.
41. Frohlich, C., Coffin, M., Massell, C.*, **Mann, P.**, Schuur, C.*, Davis, S., Jones, T., and Karner, G., 1997, Constraints on Macquarie Ridge tectonics provided by Harvard focal mechanisms and teleseismic earthquake locations, *Journal of Geophysical Research*, v. 102, p. 5029-5041.
42. Grindlay, N., **Mann, P.**, and Dolan, J., 1997, Researchers investigate submarine faults north of Puerto Rico: *EOS, Transactions of the American Geophysical Union*, v. 78, p. 404.
43. Hutson, F.*, **Mann, P.**, and Renne, R., 1998, $^{40}\text{Ar}/^{39}\text{Ar}$ dating of single muscovite grains in Jurassic siliciclastic rocks (San Cayetano Formation): Constraints on the paleoposition of western Cuba: *Geology*, v. 26, p. 83-86.
44. Dixon, T. H., Farina, F., DeMets, C., Jansma, P., **Mann, P.**, and Calais, E., 1998, Relative motion between the Caribbean and North American plates and related boundary zone deformation based on a decade of GPS observations, *Journal of Geophysical Research*, v. 103, p. 15,157-15,182.

45. Larson, R. L., Abrams, L. J., Coffin, M. F., Eldholm, O., Gladchenko, T., Ito, G. T., Kroenke, L. W., **Mann, P.**, Nakanishi, M., Taira, A., and Winterer, E. L., 1998, Multinational survey of Earth's largest LIP, Site Augmentation Results, *JOI/USSAC Newsletter*, v. 11, 4 p.
46. Dolan, J. F., and **Mann, P.**, 1998, Preface, in J. F. Dolan and P. Mann, editors, *Active Strike-slip and Collisional Tectonics of the Northern Caribbean Plate Boundary Zone*, Geological Society of America Special Paper 324, p. v-xvi.
47. **Mann, P.**, Prentice, C., Burr, G., Peña, L., and Taylor, F. W., 1998, Tectonic geomorphology and paleoseismology of the Septentrional fault zone, Dominican Republic, in J. F. Dolan and P. Mann, editors, *Active Strike-slip and Collisional Tectonics of the Northern Caribbean Plate Boundary Zone*, Geological Society of America Special Paper 324, p. 63-123.
48. **Mann, P.**, Taylor, F. W., Lagoe, M. B., and Quarles, A.*, 1998, Late Quaternary uplift of the New Georgia Islands (Solomon island arc) in response to subduction of the Woodlark spreading center, *Tectonophysics*, v. 295, p. 259-306.
49. van Gestel*, J. P., **Mann, P.**, Grindlay, N., and Dolan, J. F., 1998, Structure and tectonics of the late Cenozoic Puerto Rico-Virgin Islands carbonate platform as determined from seismic reflection studies: *Journal of Geophysical Research*, v. 103, p. 30,505-30,530.
50. Marsaglia, K., **Mann, P.**, Hyatt, R.*, and Olson, H., 1999, Evaluating the influence of aseismic ridge subduction and accretion on the detrital modes of forearc sandstone: An example from the Kronotskiy Peninsula in the Kamchatka forearc, *Lithos*, v. 46, p. 17-42. UTIG contribution no. 1388.
51. **Mann, P.**, Grindlay, N., and Dolan, J., 1999, Penrose conference report: Subduction to strike-slip transition on plate boundaries: *GSA Today*, July, 1999, p. 14-16.
52. Phinney, E.*, **Mann, P.**, Coffin, M., and Shipley, T., 1999, Sequence stratigraphy and structure of the southwestern Ontong Java Plateau adjacent to the North Solomon trench and Solomon Islands, *Journal of Geophysical Research*, v. 104, p. 20,449-20,466.
53. **Mann, P.**, 1999, Caribbean sedimentary basins: Classification and tectonic setting from Jurassic to present, *Caribbean Sedimentary Basins*, Elsevier Sedimentary Basins of the World Series, Series Editor, K. Hsu, p. 3-31.
54. de Zoeten, R.*, and **Mann, P.**, 1999, Cenozoic El Mamey Belt of northern Hispaniola: A sedimentary record of subduction, collision, and strike-slip events within the North America-Caribbean plate boundary zone, *Caribbean Sedimentary Basins*, Elsevier Sedimentary Basins of the World Series, Series Editor, K. Hsu, p. 247-286.
55. **Mann, P.**, McLaughlin, P.*, van den Bold, W., Lawrence, S., and Lamar, M.*, 1999, Tectonic and eustatic controls on Neogene evaporitic and clastic deposition in the Enriquillo Basin, Dominican Republic, *Caribbean Sedimentary Basins*, Elsevier Sedimentary Basins of the World Series, Series Editor, K. Hsu, p. 287-342.

56. Babb, S.*, and **Mann, P.**, 1999, Structural and sedimentary development of a Neogene transpressional boundary between the Caribbean and South America plates in Trinidad and the Gulf of Paria, *Caribbean Sedimentary Basins*, Elsevier Sedimentary Basins of the World Series, Series Editor, K. Hsu, p. 495-557.
57. van Gestel*, J. P., **Mann, P.**, Grindlay, N., and Dolan, J. F., 1999, Three-phase tectonic evolution of the northern margin of Puerto Rico as inferred from an integration of seismic reflection, well, and outcrop data: *Marine Geology*, v. 161, p. 257-286.
58. DeMets, C., Jansma, P., Mattioli, G., Dixon, T., Farina, F., Bilham, R., Calais, E., and **Mann, P.**, 2000, GPS geodetic constraints on Caribbean-North American plate motion, *Geophysical Research Letters*, v. 27, p. 437-440.
59. Massell, C.*, Coffin, M., **Mann, P.**, Frohlich, C., Karner, G., Ramsay, D., and Caress, D., 2000, The neotectonics of the Macquarie Ridge Complex, *Journal of Geophysical Research*, v. 105, p. 13,457-13,480.
60. Jansma, P., Lopez, A., Mattioli, G., DeMets, C., Dixon, T., **Mann, P.**, and Calais, E., 2000, Microplate tectonics in the northeastern Caribbean as constrained by Global Positioning (GPS) geodesy, *Tectonics*, v. 19, p. 1021-1037.
61. Bilich, A.*, Frohlich, C., and **Mann, P.**, 2001, Global seismicity characteristics of subduction-to-strike-slip transitions: *Journal of Geophysical Research*, v. 106, p. 19,443-19,452.
62. **Mann, P.**, Gahagan, L., and Gordon, M., 2001, Tectonic setting of the world's giant oil fields, *World Oil*, published in three installments: September issue (p. 42-50), October issue (p. 78-84); November issue (p. 56-60).
63. Calais, E., Mazabraud, Y., Mercier de Lepinay, B., **Mann, P.**, Mattioli, G., and Jansma, P., 2002, Strain partitioning and fault slip rates in the northeastern Caribbean from GPS measurements, *Geophysical Research Letters*, v. 29, no. 18, 1856, doi:10.1029/2002GL015397.
64. **Mann, P.**, Calais, E., Ruegg, J. C., DeMets, C., Dixon, T., Jansma, P., and Mattioli, G., 2002, Oblique collision in the northeastern Caribbean from GPS measurements and geological observations, *Tectonics*, v. 21, no. 6, 1057, doi:10.1029/2001TC001304.
65. Prentice, C., **Mann, P.**, Pena, L., and Burr, G., 2003, Slip rate and earthquake recurrence along the central Septentrional fault, North American-Caribbean plate boundary, Dominican Republic, *Journal of Geophysical Research*, v. 108, no. B3, 2149, doi:10.1029/2001JB000442.
66. Escalona, A.*, and **Mann, P.**, 2003, Three-dimensional structural architecture and tectonic evolution of an Eocene pull-apart basin, Maracaibo basin, Venezuela, *Marine and Petroleum Geology*, v. 20, p. 141-161.

67. Parnell, J., Baron, M., **Mann, P.**, and Carey, P., 2003, Oil migration and bitumen formation in a hydrothermal system, Cuba: *Journal of Geochemical Exploration*, v. 78-79, p. 409-415.
68. Meckel, T.*, Coffin, M., Mosher, S., Symonds, P., and Bernadel, G., and **Mann, P.**, 2003, Incipient subduction at the Hjort trench, Australia-Pacific plate boundary: Evidence from geophysical data: *Geochemistry, Geophysics, Geosystems (G3)*, v. 4, no. 12, 6 December, 2003, 1099, doi10.1029/2002GC000498.
69. Lu, H.*, Fulthorpe, C., and **Mann, P.**, 2003, Three-dimensional architecture of shelf-building sediment drifts in the offshore Canterbury basin, New Zealand: *Marine Geology*, v. 193, p. 19-47.
70. **Mann, P.**, Gahagan, L., and Gordon, M., 2003, Tectonic setting of the world's giant oil fields, *Giant Oil Fields of the Decade, 1990-2000*, AAPG Memoir, M. Halbouty and M. Horn, eds., in ed. M. Halbouty, *Giant Oil and Gas Fields of the Decade 1990-1999*, p. 15-105.
71. **Mann, P.**, Calais, E., and Huerfano, V., 2004, Earthquake shakes transpressional "big bend" region of North America-Caribbean strike-slip boundary, *EOS*, February 24, 2004, v. 85, issue 8, p. 77.
72. **Mann, P.**, and Taira, A., 2004, Global tectonic significance of the Solomon Islands and Ontong Java Plateau collision zone, *Tectonophysics* special issue on Solomon Islands tectonics (P. Mann and A. Taira, eds.), v. 389, p. 137-190.
73. Phinney, E.*, **Mann, P.**, Coffin, M., and Shipley, T., 2004, Sequence stratigraphy, structural style, and age of deformation of the Malaita accretionary prism (Solomon arc-Ontong Java Plateau convergent zone), *Tectonophysics* special issue on Solomon Islands tectonics (P. Mann and A. Taira, eds.), v. 389, p. 221-246.
74. Cowley, S.*, **Mann, P.**, Coffin, M., and Shipley, T., 2004, Oligocene to recent tectonic history of the Central Solomon intra-arc basin as determined from marine seismic reflection data and compilation of onland geology, *Tectonophysics* special issue on Solomon Islands tectonics (P. Mann and A. Taira, eds.), v. 389, p. 267-307.
75. Taira, A., **Mann, P.**, and Rahardiawan, R.*, 2004, Incipient subduction of the Ontong Java Plateau at the North Solomon trench, *Tectonophysics* special issue on Solomon Islands tectonics (P. Mann and A. Taira, eds.), v. 389, p. 247-266.
76. Grindlay, N., **Mann, P.**, Dolan, J. and van Gestel, J. P.*, 2005, Neotectonics and subsidence of the northern Puerto Rico-Virgin Islands margin in response to the oblique subduction of high-standing ridges, in Mann, P., editor, *Active tectonics and seismic hazards of Puerto Rico, the Virgin Islands and Offshore areas*, Geological Society of America Special Paper 385, p. 31-60.
77. **Mann, P.**, Prentice, C., Hippolyte, J. C., and Lao, D.*, 2005, Reconnaissance study of Late Quaternary faulting along Cerro Goden fault zone, western Puerto Rico, in Mann,

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