

1. Aalto, R. and W.E. Dietrich, *Sediment accumulation determined with  $^{210}\text{Pb}$  geochronology for Strickland River flood plains, Papua New Guinea*. Inter. Assoc. Sci. Hydr. Pub, 2005.
2. Aalto, R., J.W. Lauer, and W.E. Dietrich, *Spatial and temporal dynamics of sediment accumulation and exchange along Strickland River floodplains (Papua New Guinea) over decadal-to-centennial timescales*. Journal of Geophysical Research-Earth Surface, 2008. **113**(F1).
3. Addington, L.D., S.A. Kuehl, and J.E. McNinch, *Contrasting modes of shelf sediment dispersal off a high-yield river: Waiapu River, New Zealand*. Marine Geology, 2007. **243**(1-4): p. 18-30.
4. Alexander, C.R., J.P. Walsh, and A.R. Orpin, *Modern sediment dispersal and accumulation on the outer Poverty continental margin*. Marine Geology, 2010. **270**: p. 213-226.
5. Alin, S.R., Aalto, R., Goni, M. A., Richey, J. E., and W.E. Dietrich, *Biogeochemical characterization of carbon sources in the strickland and fly rivers, Papua New Guinea*. Journal of Geophysical Research-Earth Surface, 2008. **113**(F1).
6. Bever, A.J., C.K. Harris, and J.E. McNinch, *Hydrodynamics and sediment transport in the nearshore of Poverty Bay, New Zealand: Observations of nearshore sediment segregation and oceanic storms*. Continental Shelf Research, 2010. **in revision**.
7. Bever, A.J., C.K. Harris, and J.E. McNinch, *Storm and fair-weather driven sediment transport within Poverty Bay, New Zealand, evaluated using coupled numerical models*. Continental Shelf Research, 2010. **in prep**.
8. Bever, A.J. and C.K. Harris, *Variations in sediment transport and sorting between different discharge basin geometries: A case study of Poverty Bay, New Zealand*. Marine Geology, 2010. **in prep**.
9. Carbotte, S.M., R. Arko, D.N. Chayes, W.F. Haxby, K. Lehnert, S. O'Hara, W.B.F. Ryan, R.A. Weissel, T. Shipley, L. Gahagan, K. Johnson, and T. Shank, *New integrated data management system for Ridge2000 and MARGINS research*. Eos Trans. AGU, 2004. **85**(51).
10. Carson, B., R. M. Leckie, J. M. Francis, A. W. Droxler, G. R. Dickens, S. Bentley, L. C. Peterson, and B.N. Opdyke, *Benthic Foraminiferal response to sea level change in the mixed siliciclastic-carbonate system of southern Ashmore Trough (Gulf of Papua)*. Journal of Geophysical Research, 2008. **v.113**: p. 1.
11. Crockett, J.S., C.A. Nittrouer, A.S. Ogston, D.F. Naar and B.T. Donohue, *The origin, evolution and filling of exposed submarine valleys on the Fly River shelf*. Jour. Geophys. Res, 2008. **113**(F01S12).
12. Crockett, J.S., Nittrouer, C. , Ogston, A., Sternberg, R., Driscoll, N. W., Babcock, J., Milliman, J., Slingerland, R., Naar, D., Donahue, B., Walsh, J. P., Dietrich, W., Parker, G., Bera, M., Davies, H., Harris, P., Goni, M. A. , Aller, R. and J. Aller, *Where rivers and oceans collide: geological complexities of this interface revealed by the NSF MARGINS program*. Eos Trans. AGU, 2005. **86**(3): p. 25.
13. Crockett, J.S., Nittrouer, C. A., Ogston, A. S., Naar, D. F., and B.T. Donahue, *Morphology and filling of incised submarine valleys on the continental shelf near the mouth of the Fly River, Gulf of Papua*. Journal of Geophysical Research-Earth Surface, 2008. **113**(F1).

14. Crockett, J.S., C.A. Nittrouer, A.S. Ogston, and M.A. Goni, *Variable styles of sediment accumulation impacting strata formation on a cliniform: Gulf of Papua, Papua New Guinea*, in *The Fly River, Papua New Guinea*, B. Bolton, Editor. 2009, Elsevier: Amsterdam.
15. Day, G., W. E. Dietrich, J. C. Rowland, and A. Marshall, *The depositional web on the floodplain of the Fly River, Papua New Guinea*, . J. Geophys. Res., 2008. **113**.
16. Droxler, A.W., G. Mallarino, J.M. Francis, G. J. Dickens, B. N. Opdyke, L. Beaufort, J. Daniell, S. J. Bentley, and L.C. Peterson, *Early Transgressive Establishment of Relict Uppermost Pleistocene Barrier Reefs on LGM Coastal Siliciclastic Deposits in the Gulf of Papua and Mexico: Clue to Understand the Mid-Brunhes Origin of Modern Barrier Reefs*. 2006.
17. E. N. Tcherepanov, A.W.D., P. Lapointe, and K. Mohn, *Carbonate seismic stratigraphy of the Gulf of Papua mixed depositional system: Neogene stratigraphic signature and eustatic control* Basin Research, 2008. **20**(2): p. 185-209.
18. Fagherazzi, S. and I. Overeem, *Models of deltaic and inner continental shelf landform evolution*. Annual Review of Earth and Planetary Sciences, 2007. **35**: p. 685-715.
19. Febo, L.A., Bentley, S. J., Wrenn, J. H., Droxler, A. W., Dickens, G. R., Peterson, L. C., and B.N. Opdyke, *Late Pleistocene and Holocene sedimentation, organic-carbon delivery, and paleoclimatic inferences on the continental slope of the northern Pandora Trough, Gulf of Papua*. Journal of Geophysical Research-Earth Surface, 2008. **113**(F1).
20. Francis, J.M., Daniell, J. J., Droxler, A. W., Dickens, G. R., Bentley, S. J., Peterson, L. C., Opdyke, B. N., and L. Beaufort, *Deep water geomorphology of the mixed siliciclastic-carbonate system, Gulf of Papua*. Journal of Geophysical Research-Earth Surface, 2008. **113**(F1).
21. Gerber, T.P., D. Amblas, M. A. Wolinsky, L. F. Pratson, and M. Canals, *A model for the long-profile shape of submarine canyons*. J. Geophys. Res., 2009. **114**.
22. Goni, M.A., Monacci, N., Gisewhite, R., Crockett, J., Nittrouer, C., Ogston, A., Alin, S. R., and R. Aalto, *Terrigenous organic matter in sediments from the Fly River delta-cliniform system (Papua New Guinea)*. Journal of Geophysical Research-Earth Surface, 2008. **113**(F1).
23. Goni, M.A., Monacci, N., Gisewhite, R., Ogston, A., Crockett, J., and C. Nittrouer, *Distribution and sources of particulate organic matter in the water column and sediments of the Fly River Delta, Gulf of Papua (Papua New Guinea)*. Estuarine Coastal and Shelf Science, 2006. **69**(1-2): p. 225-245.
24. Jerolmack, D.J. and J.B. Swenson, *Scaling relationships and evolution of distributary networks on wave-influenced deltas*. Geophysical Research Letters, 2007. **34**(23).
25. Jorry, S.J., Droxler, A. W., Mallarino, G., Dickens, G. R., Bentley, S. J., Beaufort, L., Peterson, L. C., and B.N. Opdyke, *Bundled turbidite deposition in the central Pandora Trough (Gulf of Papua) since Last Glacial Maximum: Linking sediment nature and accumulation to sea level fluctuations at millennial timescale*. Journal of Geophysical Research-Earth Surface, 2008. **113**(F1).
26. Keen, T.R., Ko, D. S., Slingerland, R. L., Riedlinger, S., and P. Flynn, *Potential*

- transport pathways of terrigenous material in the Gulf of Papua*. Geophysical Research Letters, 2006. **33**(4).
27. Kuehl, S.A., Alexander, C., Carter, L., Gerald, L., Gerber, T., Harris, C., McNinch, J., Orpin, L., Pratson, L., Syvitski, J., and Walsh, J.P., *Understanding sediment transfer from land to ocean*. EOS, Transactions American Geophysical Union, 2006. **87**(29).
  28. Lauer, J.W., G. Parker, and W.E. Dietrich, *Response of the Strickland and Fly River confluence to postglacial sea level rise*. Journal of Geophysical Research-Earth Surface, 2008. **113**(F1).
  29. Martin, D.P., Nittrouer, C. A., Ogston, A. S., and J.S. Crockett, *Tidal and seasonal dynamics of a muddy inner shelf environment, Gulf of Papua*. Journal of Geophysical Research-Earth Surface, 2008. **113**(F1).
  30. Muhammad, Z., Bentley, S. J., Febo, L. A., Droxler, A. W., Dickens, G. R., Peterson, L. C., and B.N. Opdyke, *Excess Pb-210 inventories and fluxes along the continental slope and basins of the Gulf of Papua*. Journal of Geophysical Research-Earth Surface, 2008. **113**(F1).
  31. Ogston, A.S., Sternberg, R. W., Nittrouer, C. A., Martin, D. P., Goni, M. A., and J.S. Crockett, *Sediment delivery from the Fly River tidally dominated delta to the nearshore marine environment and the impact of El Nino*. Journal of Geophysical Research-Earth Surface, 2008. **113**(F1).
  32. Orpin, A.R., Alexander, C., Carter, L., Kuehl, S., and J.P. Walsh, *Temporal and spatial complexity in post-glacial sedimentation on the tectonically active, Poverty Bay continental margin of New Zealand*. Continental Shelf Research, 2006. **26**(17-18): p. 2205-2224.
  33. Palinkas, C.M., C.A. Nittrouer, and J.P. Walsh, *Inner-shelf sedimentation in the Gulf of Papua, New Guinea: A mud-rich shallow shelf setting*. Journal of Coastal Research, 2006. **22**(4): p. 760-772.
  34. Rowland, J.C., W. E. Dietrich, G. Day, and G. Parker, *Formation and maintenance of single-thread tie channels entering floodplain lakes: Observations from three diverse river systems*. J. Geophys. Res., 2009. **114**(F02013).
  35. Rowland, J.C., Lepper, K., Dietrich, W. E., Wilson, C. J., and R. Sheldon, *Tie channel sedimentation rates, oxbow formation age and channel migration rate from optically stimulated luminescence (OSL) analysis of floodplain deposits*. Earth Surface Processes and Landforms, 2005. **30**(9): p. 1161-1179.
  36. Slingerland, R., Driscoll, N. W., Milliman, J. D., Miller, S. R., and E.A. Johnstone, *Anatomy and growth of a Holocene clinothem in the Gulf of Papua*. Journal of Geophysical Research-Earth Surface, 2008. **113**(F1).
  37. Slingerland, R., Selover, R. W., Ogston, A. S., Keen, T. R., Driscoll, N. W., and J.D. Milliman, *Building the Holocene clinothem in the Gulf of Papua: An ocean circulation study*. Journal of Geophysical Research-Earth Surface, 2008. **113**(F1).
  38. Slingerland, R., J.M. Syvitski, and C. Paola, *Sediment Modeling System enhances education and research*. Eos Trans. AGU, 2002. **83**(49): p. 578.
  39. Swanson, K.M., E. Watson, R. Aalto, J. W. Lauer, M. T. Bera, A. Marshall, M. P. Taylor, S. C. Apte, and W.E. Dietrich, *Sediment load and floodplain deposition rates: Comparison of the Fly and Strickland rivers, Papua New Guinea*. J. Geophys. Res., 2008. **113**.

40. Syvitski, J.P.M. and J.D. Milliman, *Geology, geography, and humans battle for dominance over the delivery of fluvial sediment to the coastal ocean*. Journal of Geology, 2007. **115**(1): p. 1-19.
41. Tcherepanov, E.N., Droxler, A. W., Lapointe, P., Dickens, G. R., Bentley, S. J., Beaufort, L., Peterson, L. C., Daniell, J., and B.N. Opdyke, *Neogene evolution of the mixed carbonate-siliciclastic system in the Gulf of Papua, Papua New Guinea*. Journal of Geophysical Research-Earth Surface, 2008. **113**(F1).
42. Walsh, J.P., Nittrouer, C. A., Palinkas, C. M., Ogston, A. S., Sternberg, R. W., and G.J. Brunskill, *Clinoform mechanics in the Gulf of Papua, New Guinea*. Continental Shelf Research, 2004. **24**(19): p. 2487-2510.
43. Walsh, J.P. and C.A. Nittrouer, *Contrasting styles of off-shelf sediment accumulation in New Guinea*. Marine Geology, 2003. **196**(3-4): p. 105-125.
44. Walsh, J.P. and C.A. Nittrouer, *Mangrove-bank sedimentation in a mesotidal environment with large sediment supply, Gulf of Papua*. Marine Geology, 2004. **208**(2-4): p. 225-248.
45. Walsh, J.P., Alexander, C. R., Gerber, T., Orpin, A. R., and B.W. Sumners, *Demise of a submarine canyon? Evidence for highstand infilling on the Waipaoa River continental margin, New Zealand*. Geophysical Research Letters, 2007. **34**(20).