

Chapters in Books:

- 1) (invited) Milne, G.A. and I. Shennan, "Modelling Glaciation-Induced Sea-Level Changes" in *Encyclopedia of Quaternary Sciences*, volume on Sea-Level Change, edited by Ian Shennan, Elsevier Publications, London, 2006.
- 2) (invited) Scherneck, H.G., J.M. Johansson, G. Elgered, J.L. Davis, B. Jonsson, G. Hedling, H. Koivula, M. Ollikainen, M. Poutanen, M. Vermeer, J.X. Mitrovica, and G.A. Milne, "BIFROST: Observing the three-dimensional deformation of Fennoscandia", *Glacial Isostatic Adjustment and the Earth System: Sea Level, Crustal Deformation, Gravity and Rotation*, AGU monograph, Geodynamics Series 29, pp69-94, 2002.
- 3) (invited) Milne, G.A., "Recent Advances in Predicting Glaciation-Induced Sea-Level Changes and Their Impact on Model Applications", *Glacial Isostatic Adjustment and the Earth System: Sea Level, Crustal Deformation, Gravity and Rotation*, AGU monograph, Geodynamics Series 29, pp157-176, 2002.

Papers in refereed Journals (bold indicates student or researcher supervised by Milne):

- 1) Roberts, S.J., D.A. Hodgson, M.J. Bentley, D.C.W. Sanderson, G. A. Milne, J.A. Smith, E. Verleyen and A. Balbo, "Holocene relative sea-level change and deglaciation on Alexander Island, Antarctic Peninsula, from elevated lake deltas", *Geomorphology*, in press.
- 2) Shennan, I., G.A. Milne and **S.L. Bradley**, "Late Holocene relative land- and sea-level changes: providing information for stakeholders", *GSA Today*, in press.
- 3) **Simpson, M.J.R.**, G.A. Milne, P. Huybrechts and A.J. Long, "Calibrating a glaciological model of the Greenland ice sheet from the last glacial maximum to present-day using field observations of relative sea level and ice extent", *Quat. Sci. Rev.*, in press.
- 4) Lidberg, M., J. Johansson, H.-G. Scherneck, G.A. Milne, J.L. Davis, "New results based on reprocessing of 13 years continuous GPS observations of the Fennoscandia GIA process from BIFROST", *J. Geodyn.*, in press.
- 5) G.A. Milne, W.R. Gehrels, C.W. Hughes and M.E. Tamisiea, "Identifying the causes of sea-level change", *Nature Geoscience*, 2, 471-478, 2009.
- 6) **Bradley, S.L.**, G.A. Milne, F.N. Teferle, R.M Bingley, E.J. Orliac, "Glacial Isostatic Adjustment of the British Isles: New constraints from GPS measurements of crustal motion", *Geophys. J. Int.*, 178, 14-22, 2009.
- 7) Teferle, F.N., R.M. Bingley, E.J. Orliac, S.D.P. Williams, P.L. Woodworth, D. McLaughlin, T.F. Baker, I. Shennan, G.A. Milne, S.L. Bradley and D.N. Hansen, "Crustal motions in Great Britain: evidence from continuous GPS, absolute gravity and Holocene sea level data", 178, 23-46, 2009.
- 8) **Wake, L.M.**, P. Huybrechts, J.E Box, E. Hanna, I. Janssens and G.A. Milne, "Surface Mass Balance Changes of the Greenland Ice Sheet Since 1866", *Ann. Glaciology*, 50, 178-184, 2009.
- 9) Milne, G.A. and J.X Mitrovica, "Searching for Eustasy in Deglacial Sea-Level Histories", *Quat. Sci. Rev.*, 27, 2292-2302, 2008.
- 10) Arbic, B., J.X. Mitrovica, D. MacAyeal and G.A. Milne, "On the Factors Behind Large Labrador Sea Tides during the Last Glacial Cycle, and the Potential Implications for Heinrich Events", *Paleoceanography*, 23, PA3211, doi:10.1029/2007PA001573, 2008.
- 11) **Brooks, A.J.**, **S.L. Bradley**, G.A. Milne, R.J. Edwards and I. Shennan, "Post-Glacial Relative Sea-Level Observations From Ireland and Their Role in Glacial Rebound Modelling", *J. Quat. Sci.*, 23, 175-192, 2008.

- 12) **Van den Berg, J.**, R.S.W. van de Wal, G.A. Milne and J. Oerlemans, "The Effect of Isostasy on the Glaciological Modelling of Ice Sheets; A Case Study of Eurasia", *J. Geophys. Res.*, 113, B05412, doi:10.1029/2007JB004994, 2008.
- 13) Kendall, R.A., J.X. Mitrovica, G.A. Milne, T. E. Tornqvist, Y. Li, "The Sea-Level Fingerprint of the 8.2 ka Climate Event", *Geology*, 36, 423-426, 2008.
- 14) **Bassett, S.E.**, G.A. Milne, M.J. Bentley and P. Huybrechts, "Modelling Antarctic Sea-Level Observations to Test the Hypothesis of a Dominant Antarctic Contribution to Meltwater Pulse 1A", *Quat. Sci. Rev.*, 26, 2113-2127, 2007.
- 15) **Whitehouse, P.**, M.B. Allen, and G.A. Milne, "Glacial Isostatic Adjustment as a Control on Coastal Evolution: An Example From the Siberian Arctic", *Geology*, 35, 747-750, 2007.
- 16) Milne, G.A. and D.J. Dunlop, "Angular Variation of the Magnetic Properties and Reversal Mode of Aligned Single-Domain Iron Nanoparticles", *J. Geophys. Res.*, 111, B12S08, doi:10.1029/2006JB004530, 2006.
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- 20) Tornqvist, T.E., S.R. Wortman, Z.R.P. Mateo, G.A. Milne, and J.B. Swenson, "Valley formation and sediment flux across two contrasting passive margins during a sea-level lowstand: Implications for source-to-sink sediment dispersal and sequence stratigraphy", *J. Geophys. Res.*, 111, F04002, doi:10.1029/2005JF000425, 2006.
- 21) **Wake, L.**, G.A. Milne and E. Leuliette, "20th Century sea-level change along the eastern US: unravelling the contributions from steric changes, Greenland ice sheet mass balance and Late Pleistocene glacial loading", *Earth Planet. Sci. Lett.*, 250, 572-580, 2006.
- 22) **Whitehouse, P.**, K. Latychev, G.A. Milne, J.X. Mitrovica and R. Kendall, "Impact of 3-D Earth Structure on Fennoscandian Glacial Isostatic Adjustment: Implications for Space-Geodetic Estimates of Present-Day Crustal Deformations", *Geophys. Res. Lett.*, 33, doi:10.1029/2006/GL026568, 2006.
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