

References Cited – Tamara Pico

- Alho, P., Baker, V. R. and Smith, L. N. (2010) 'Paleohydraulic reconstruction of the largest Glacial Lake Missoula draining (s)', *Quaternary Science Reviews*. Elsevier Ltd, 29(23–24), pp. 3067–3078. doi: 10.1016/j.quascirev.2010.07.015.
- Atwater, B. F. (1987) 'Status of Glacial Lake Columbia during the Last Floods from Glacial Lake Missoula', *Quaternary Research*, 201, pp. 182–201.
- Baker, V. R. (2009) 'The Channeled Scabland : A Retrospective', *Annual Review of Earth and Planetary Sciences*, 37, pp. 393–411. doi: 10.1146/annurev.earth.061008.134726.
- Baker, V. R., Bjornstad, B. N., Gaylord, D. R., Smith, G. A., Meyer, S. E., Breckenridge, R. M. and Sweeney, M. R. (2016) 'Pleistocene megaflood landscapes of the Channeled Scabland', *Geological Society of America Field Guide*, 0041(01), pp. 1–73. doi: 10.1130/2016.0041(01).
- Balbas, A. M., Barth, A. M., Clark, P. U., Clark, J., Caffee, M., Connor, J. O., Baker, V. R., Konrad, K. and Bjornstad, B. (2017) 'Be dating of late Pleistocene megafloods and Cordilleran Ice Sheet retreat in the northwestern United States', *Geology*, 45(7), pp. 583–586. doi: 10.1130/G38956.1.
- Benito, G. and O'Connor, J. E. (2003) 'Number and size of last-glacial Missoula floods in the Columbia River valley between the Pasco Basin , Washington , and Portland , Oregon', *Geological Society of America Bulletin*, 7606(December). doi: 10.1130/0016-7606(2003)115<0624.
- Bretz, J. H. (1928) 'The Channeled Scabland of Eastern Washington', *Geographical Review*, 18(3), pp. 446–477.
- Clague, J. J. and James, T. S. (2002) 'History and isostatic effects of the last ice sheet in southern British Columbia British Columbia', 3791(January), pp. 70–87. doi: 10.1016/S0277-3791(01)00070-1.
- Costa, J. (1983) 'Paleohydraulic reconstruction of flash-flood peaks from boulder deposits in the Colorado Front Range', *Geological Society of America Bulletin*, (August), pp. 986–1004.
- Creveling, J. R., Mitrovica, J. X., Clark, P. U., Waelbroeck, C. and Pico, T. (2017) 'Predicted bounds on peak global mean sea level during marine isotope stages 5a and 5c', *Quaternary Science Reviews*.
- Denlinger, R. P. and Connell, D. R. H. O. (2010) 'Simulations of cataclysmic outburst floods from Pleistocene Glacial Lake Missoula', *Geological Society of America Bulletin*, (5), pp. 678–689. doi: 10.1130/B26454.1.

- Dutton, A., Carlson, A. E., Long, A. J., Milne, G. A., Clark, P. U., Deconto, R. M., Horton, B. P., Rahmstorf, S. and Raymo, M. E. (2015) 'Sea-level rise due to polar ice-sheet mass loss during past warm periods', *Science*, 349(6244). doi: 10.1126/science.aaa4019.
- Farrell, W. E. and Clark, J. A. (1976) 'On Postglacial Sea Level', *Geophysical Journal of the Royal Astronomical Society*, 46(3), pp. 647–667. doi: 10.1111/j.1365-246X.1976.tb01252.x.
- Gombiner, J. H., Hemming, S. R., Hendy, I. L. and Bryce, J. G. (2016) 'Isotopic and elemental evidence for Scabland Flood sediments offshore Vancouver Island', *Quaternary Science Reviews*. Elsevier Ltd, 139, pp. 129–137. doi: 10.1016/j.quascirev.2016.02.026.
- Gowan, E. J. (2013) 'An assessment of the minimum timing of ice free conditions of the western Laurentide Ice Sheet', *Quaternary Science Reviews*. Elsevier Ltd, 75, pp. 100–113. doi: 10.1016/j.quascirev.2013.06.001.
- Gregoire, L. J., Payne, A. J. and Valdes, P. J. (2012) 'Deglacial rapid sea level rises caused by ice-sheet saddle collapses.', *Nature*. Nature Publishing Group, 487(7406), pp. 219–22. doi: 10.1038/nature11257.
- Hanson, M. A., Lian, O. B. and Clague, J. J. (2012) 'The sequence and timing of large late Pleistocene floods from glacial Lake Missoula', *Quaternary Science Reviews*. Elsevier Ltd, 31, pp. 67–81. doi: 10.1016/j.quascirev.2011.11.009.
- Ivanovic, R. F., Gregoire, L. J., Wickert, A. D., Valdes, P. J. and Burke, A. (2017) 'Collapse of the North American ice saddle 14,500 years ago caused widespread cooling and reduced ocean overturning circulation', *Geophysical Research Letters*, 44(1), pp. 383–392. doi: 10.1002/2016GL071849.
- Johnston, P. (1993) 'The effect of spatially non-uniform water loads on prediction of sea-level change', *Geophysical Journal International*, 114(3), pp. 615–634. Available at: <http://onlinelibrary.wiley.com/doi/10.1111/j.1365-246X.1993.tb06992.x/abstract>.
- Keigwin, L. D., Klotsko, S., Zhao, N., Reilly, B., Giosan, L. and Driscoll, N. W. (2018) 'Deglacial floods in the Beaufort Sea preceded Younger Dryas cooling', *Nature Geoscience*. Springer US. doi: 10.1038/s41561-018-0169-6.
- Kendall, R. A., Mitrovica, J. X. and Milne, G. A. (2005) 'On post-glacial sea level - II. Numerical formulation and comparative results on spherically symmetric models', *Geophysical Journal International*, 161(3), pp. 679–706. doi: 10.1111/j.1365-246X.2005.02553.x.
- Kovanen, D. J. and Slaymaker, O. (2004) 'Glacial imprints of the Okanogan Lobe , southern margin of the Cordilleran Ice Sheet', 19, pp. 547–565. doi: 10.1002/jqs.855.

- Lamb, M. P., Mackey, B. H. and Farley, K. A. (2013) 'Amphitheater-headed canyons formed by megaflooding at Malad Gorge, Idaho', *Proceedings of the National Academy of Sciences of the United States of America*, 2013(24). doi: 10.1073/pnas.1312251111.
- Lambeck, K., Purcell, A., Johnston, P., Nakada, M. and Yokoyama, Y. (2003) 'Water-load definition in the glacio-hydro-isostatic sea-level equation', *Quaternary Science Reviews*, 22(2–4), pp. 309–318. doi: 10.1016/S0277-3791(02)00142-7.
- Larsen, I. J. and Lamb, M. P. (2016) 'Progressive incision of the Channeled Scablands by outburst floods', *Nature*. Nature Publishing Group, 538(7624), pp. 229–232. doi: 10.1038/nature19817.
- Liu, T. and Baker, V. R. (2018) 'Hydraulic Modeling of Megaflooding Using Channeled Scabland DEMs', *PeerJ Preprints*, pp. 9–11.
- Lopes, C. and Mix, A. C. (2009) 'Pleistocene megafloods in the northeast Pacific', *Geology*, (1), pp. 79–82. doi: 10.1130/G25025A.1.
- Matero, I. S. O., Gregoire, L. J., Ivanovic, R. F., Tindall, J. C. and Haywood, A. M. (2017) 'The 8.2 ka cooling event caused by Laurentide ice saddle collapse', *Earth and Planetary Science Letters*. Elsevier B.V., 473, pp. 205–214. doi: 10.1016/j.epsl.2017.06.011.
- Menounos, B., Clarke, G. K. C., Clague, J. J., Lakeman, T., Koch, J., Caffee, M. W. and Gosse, J. (2017) 'Cordilleran Ice Sheet mass loss preceded climate reversals near the Pleistocene Termination', *Science*, (November), pp. 1–5.
- Milne, G. a. and Mitrovica, J. X. (1996) 'Postglacial sea-level change on a rotating Earth: first results from a gravitationally self-consistent sea-level equation', *Geophysical Journal International*, 126(3), pp. F13–F20. doi: 10.1111/j.1365-246X.1996.tb04691.x.
- Milne, G. A., Mitrovica, J. X. and Davis, J. L. (1999) 'Near-field hydro-isostasy: the implementation of a revised sea-level equation', *Geophysical Journal International*, 139, pp. 464–482. doi: 10.1046/j.1365-246x.1999.00971.x.
- Mitrovica, J. X. and Milne, G. a. (2002) 'On the origin of late Holocene sea-level highstands within equatorial ocean basins', *Quaternary Science Reviews*, 21(20–22), pp. 2179–2190. doi: 10.1016/S0277-3791(02)00080-X.
- Munyikwa, K., Feathers, J. K., Rittenour, T. M. and Shrimpton, H. (2011) 'Constraining the Late Wisconsinan retreat of the Laurentide Ice Sheet from western Canada using luminescence ages from postglacial aeolian dunes', *Quaternary Geochronology*. Elsevier B.V., 6(3–4), pp. 407–422. doi: 10.1016/j.quageo.2011.03.010.
- Munyikwa, K., Rittenour, T. M. and Feathers, J. K. (2017) 'Temporal constraints for the

Late Wisconsinan deglaciation of western Canada using eolian dune luminescence chronologies from Alberta', *Palaeogeography, Palaeoclimatology, Palaeoecology*. Elsevier B.V., 470, pp. 147–165. doi: 10.1016/j.palaeo.2016.12.034.

Murton, J. B., Bateman, M. D., Dallimore, S. R., Teller, J. T. and Yang, Z. (2010) 'Identification of Younger Dryas outburst flood path from Lake Agassiz to the Arctic Ocean', *Nature*, 464(April). doi: 10.1038/nature08954.

O'Connor, J. E. and Baker, V. R. (1992) 'Magnitudes and implications of peak discharges from glacial Lake Missoula', *GSA Bulletin*, (March), pp. 267–279.

Payne, S. J., McCaffrey, R., King, R. W. and Kattenhorn, S. A. (2012) 'A new interpretation of deformation rates in the Snake River Plain and adjacent basin and range regions based on GPS measurements', *Geophysical Journal International*, (August), pp. 101–122. doi: 10.1111/j.1365-246X.2012.05370.x.

Pico, T., Mitrovica, J.X., Perron, J.T., Ferrier, K.L., Braun, J., Influence of glacial isostatic adjustment on river evolution along the U.S. mid-Atlantic coast, *Earth and Planetary Science Letters*, submitted.

Pico, T., Mitrovica, J.X., Mix, A.C., Two-phase flooding of the Bering Strait reflects the sea-level fingerprint of an expanding ice-free corridor, *Nature Geoscience*, in revision.

Pico, T., Mitrovica, J. X., Braun, J. and Ferrier, K. L. (2018) 'Glacial isostatic adjustment deflects the path of the ancestral Hudson River', *Geology*, (7), pp. 1–4.

Pico, T., Richardson, S. and Bierman, P. R. (2018) 'The first-authorship geoscience gender gap: Underrepresentation of women first authors in leading geoscience journals, 2013-2018', in *AGU Fall Meeting*.

Porter, S. C. and Swanson, T. W. (1998) 'Radiocarbon Age Constraints on Rates of Advance and Retreat of the Puget Lobe of the Cordilleran Ice Sheet during the Last Glaciation', *Quaternary Research*, 213, pp. 205–213.

Praetorius, S. K., Mix, A. C., Pacific, N. and Atlantic, N. (2014) 'Synchronization of North Pacific and Greenland climates preceded abrupt deglacial warming', *Science*, 345(6195).

Praetorius, S. K., Mix, A. C., Walczak, M. H., Wolhowe, M. D., Addison, J. A. and Prahl, F. G. (2015) 'North Pacific deglacial hypoxic events linked to abrupt ocean warming', *Nature*. Nature Publishing Group, 527(7578), pp. 362–366. doi: 10.1038/nature15753.

Roberts, S., Nielsen, O., Gray, D., Sexton, J. and Davies, G. (2015) *ANUGA User Manual. Release 2.0*. Available at: https://github.com/GeoscienceAustralia/anuga_core/raw/master/

doc/anuga_user_manual.pdf.

Taylor, M. A., Hendy, I. L. and Pak, D. K. (2014) 'Deglacial ocean warming and marine margin retreat of the Cordilleran Ice Sheet in the North Pacific Ocean', *Earth and Planetary Science Letters*. Elsevier B.V., 403, pp. 89–98. doi: 10.1016/j.epsl.2014.06.026.

Waitt, R. B. (1985) 'Case for periodic , colossal jokulhlaups from Pleistocene glacial Lake Missoula', *Geological Society of America Bulletin*, (October), pp. 1271–1286.

Waitt, R. B. (2017) 'Pleistocene glaciers, lakes, and floods in north-central Washington State', *Geological Society of America Field Guide*, 0049(08), pp. 175–205. doi: 10.1130/2017.0049(08).

Whitehouse, P. L., Allen, M. B. and Milne, G. a. (2007) 'Glacial isostatic adjustment as a control on coastal processes: An example from the Siberian Arctic', *Geology*, 35(8), p. 747. doi: 10.1130/G23437A.1.

Wickert, A. D. (2016) 'Reconstruction of North American drainage basins and river discharge since the Last Glacial Maximum', *Earth Surface Dynamics*, 4(4), pp. 831–869. doi: 10.5194/esurf-4-831-2016.

Youse, M., Milne, G. A., Love, R. and Tarasov, L. (2018) 'Glacial isostatic adjustment along the Pacific coast of central North America', *Quaternary Science Reviews*, 193, pp. 288–311. doi: 10.1016/j.quascirev.2018.06.017.