

Interactive comment on “Modelling Holocene peatland dynamics with an individual-based dynamic vegetation model” by Nitin Chaudhary et al.

Nitin Chaudhary et al.

nitin.chjj@gmail.com

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References:

Esper, J., Duthorn, E., Krusic, P. J., Timonen, M., and Buntgen, U.: Northern European summer temperature variations over the Common Era from integrated tree-ring density records, *Journal of Quaternary Science*, 29, 487-494, doi: 10.1002/jqs.2726, 2014.

Frolking, S., Roulet, N. T., Tuittila, E., Bubier, J. L., Quillet, A., Talbot, J., and Richard, P. J. H.: A new model of Holocene peatland net primary production, decomposition, water balance, and peat accumulation, 1 Article, *Earth System Dynamics*, 1-21 pp., 2010.

Kaufman, D. S., Ager, T. A., Anderson, N. J., Anderson, P. M., Andrews, J. T., Bartlein, C1

P. J., Brubaker, L. B., Coats, L. L., Cwynar, L. C., Duvall, M. L., Dyke, A. S., Edwards, M. E., Eisner, W. R., Gajewski, K., Geirsdottir, A., Hu, F. S., Jennings, A. E., Kaplan, M. R., Kerwin, M. N., Lozhkin, A. V., MacDonald, G. M., Miller, G. H., Mock, C. J., Oswald, W. W., Otto-Bliesner, B. L., Porinchu, D. F., Ruhland, K., Smol, J. P., Steig, E. J., and Wolfe, B. B.: Holocene thermal maximum in the western Arctic (0-180 degrees W), *Quaternary Science Reviews*, 23, 529-560, doi: 10.1016/j.quascirev.2003.09.007, 2004.

Muller, S. D., Richard, P. J. H., Guiot, J., de Beaulieu, J. L., and Fortin, D.: Post-glacial climate in the St. Lawrence lowlands, southern Quebec: pollen and lake-level evidence, *Palaeogeography Palaeoclimatology Palaeoecology*, 193, 51-72, doi: 10.1016/S0031-0182(02)00710-1, 2003.

Muri, H.: Evaluating forcings in an ensemble of paleo-climate models., D.Phil thesis, University of Oxford, Dept. of Physics. , 2009.

Pope, V. D., Gallani, M. L., Rowntree, P. R., and Stratton, R. A.: The impact of new physical parametrizations in the Hadley Centre climate model: HadAM3, *Clim. Dyn.*, 16, 123-146, doi: 10.1007/s003820050009, 2000.

Rolland, N., Larocque, I., Francus, P., Pienitz, R., and Laperriere, L.: Holocene climate inferred from biological (Diptera : Chironomidae) analyses in a Southampton island (Nunavut, Canada) lake, *Holocene*, 18, 229-241, doi: 10.1177/0959683607086761, 2008.

Interactive comment on Biogeosciences Discuss., doi:10.5194/bg-2016-319, 2016.