

References

- [1] A. Abe-Ouchi, F. Saito, M. Kageyama, P. Braconnot, S. P. Harrison, K. Lambeck, B. L. Otto-Bliesner, W. R. Peltier, L. Tarasov, J. Y. Peterschmitt, and K. Takahashi. Ice-sheet configuration in the CMIP5/PMIP3 last glacial maximum experiments. *Geoscientific Model Development*, 8(11):3621–3637, November 2015.
- [2] J. R. Alder and S. W. Hostetler. Global climate simulations at 3000-year intervals for the last 21 000 years with the GENMOM coupled atmosphere–ocean model. *Climate of the Past*, 11(3):449–471, March 2015.
- [3] Soon-II An and Jung Choi. Mid-Holocene tropical pacific climate state, annual cycle, and ENSO in PMIP2 and PMIP3. *Climate Dynamics*, 43(3-4):957–970, 2014.
- [4] Heather J. Andres and W. R. Peltier. Examining internal and external contributors to greenland climate variability using CCSM3. *J. Climate*, 26(24):9745–9773, August 2013.
- [5] P. J. Bartlein, S. P. Harrison, S. Brewer, S. Connor, B. A. S. Davis, K. Gajewski, J. Guiot, T. I. Harrison-Prentice, A. Henderson, O. Peyron, I. C. Prentice, M. Scholze, H. Seppä, B. Shuman, S. Sugita, R. S. Thompson, A. E. Viau, J. Williams, and H. Wu. Pollen-based continental climate reconstructions at 6 and 21ka: a global synthesis. *Climate Dynamics*, 37(3-4):775–802, August 2011.
- [6] P. Beghin, S. Charbit, M. Kageyama, N. Combourieu-Nebout, C. Hatté, C. Dumas, and J. Y. Peterschmitt. What drives LGM precipitation over the western mediterranean? a study focused on the iberian peninsula and northern morocco. pages 1–21, 2015.
- [7] Mira Berdahl and Alan Robock. Northern hemispheric cryosphere response to volcanic eruptions in the paleoclimate modeling intercomparison project 3 last millennium simulations. *Journal of Geophysical Research: Atmospheres*, 118(22):12,359–12,370, November 2013.
- [8] M. Berger, J. Brandefelt, and J. Nilsson. The sensitivity of the Arctic sea ice to orbitally induced insolation changes: a study of the mid-holocene Paleoclimate Modelling Intercomparison Project 2 and 3 simulations. *Climate of the Past*, 9(2):969–982, April 2013.

- [9] O. Bothe, J. H. Jungclaus, and D. Zanchettin. Consistency of the multi-model cmip5/p mip3-past1000 ensemble. *Climate of the Past*, 9(6):2471–2487, November 2013.
- [10] P. Braconnot, Y. Luan, Simon Brewer, and W. Zheng. Impact of earth’s orbit and freshwater fluxes on holocene climate mean seasonal cycle and ENSO characteristics. *Climate Dynamics*, 38(5-6):1081–1092, March 2012.
- [11] Pascale Braconnot, Sandy P. Harrison, Masa Kageyama, Patrick J. Bartlein, Valerie Masson-Delmotte, Ayako Abe-Ouchi, Bette Otto-Bliesner, and Yan Zhao. Evaluation of climate models using palaeoclimatic data. *Nature Climate Change*, 2(6):417–424, March 2012.
- [12] Pascale Braconnot and Masa Kageyama. Shortwave forcing and feedbacks in last glacial maximum and Mid-Holocene PMIP3 simulations. *Phil. Trans. R. Soc. A*, 373(2054):20140424+, November 2015.
- [13] Esther C. Brady, Bette L. Otto-Bliesner, Jennifer E. Kay, and Nan Rosenbloom. Sensitivity to glacial forcing in the CCSM4. *Journal of Climate*, 26(6):1901–1925, March 2013.
- [14] P. Brohan, R. Allan, E. Freeman, D. Wheeler, C. Wilkinson, and F. Williamson. Constraining the temperature history of the past millennium using early instrumental observations. *Climate of the Past*, 8(5):1551–1563, October 2012.
- [15] Matthieu Carré, Julian P. Sachs, Sara Purca, Andrew J. Schauer, Pascale Braconnot, Rommel A. Falcón, Michèle Julien, and Danièle Lavallée. Holocene history of ENSO variance and asymmetry in the eastern tropical pacific. *Science*, 345(6200):1045–1048, August 2014.
- [16] A. Cauquoin, A. Landais, G. M. Raisbeck, J. Jouzel, L. Bazin, M. Kageyama, J. Y. Peterschmitt, M. Werner, E. Bard, and ASTER Team. Comparing past accumulation rate reconstructions in East Antarctic ice cores using ^{10}Be , water isotopes and cmip5-p mip3 models. *Climate of the Past*, 11(3):355–367, March 2015.
- [17] Y. Chavaillaz, F. Codron, and M. Kageyama. Southern westerlies in lgm and future (rcp4.5) climates. *Climate of the Past*, 9(2):517–524, March 2013.

- [18] Sloan Coats, Jason E. Smerdon, Benjamin I. Cook, and Richard Seager. Stationarity of the tropical pacific teleconnection to north america in CMIP5/PMIP3 model simulations. *Geophysical Research Letters*, 40(18):4927–4932, September 2013.
- [19] Rosane G. Collevatti, Levi C. Terribile, Guilherme de Oliveira, Matheus S. Lima-Ribeiro, João C. Nabout, Thiago F. Rangel, and Jose A. Diniz-Filho. Drawbacks to palaeodistribution modelling: the case of south american seasonally dry forests. *Journal of Biogeography*, 40(2):345–358, February 2013.
- [20] Rosane G. Collevatti, Levi C. Terribile, Matheus S. Lima-Ribeiro, João C. Nabout, Guilherme de Oliveira, Thiago F. Rangel, Suelen G. Rabelo, and Jose A. F. Diniz-Filho. A coupled phylogeographical and species distribution modelling approach recovers the demographical history of a neotropical seasonally dry forest tree species. *Molecular Ecology*, 21(23):5845–5863, December 2012.
- [21] C. Contoux, A. Jost, G. Ramstein, P. Sepulchre, G. Krinner, and M. Schuster. Megalake chad impact on climate and vegetation during the late pliocene and the mid-Holocene. *Climate of the Past*, 9(4):1417–1430, July 2013.
- [22] Pedro N. DiNezio and Jessica E. Tierney. The effect of sea level on glacial Indo-Pacificclimate. *Nature Geoscience*, 6(6):485–491, May 2013.
- [23] B. Fallah and U. Cubasch. A comparison of model simulations of asian mega-droughts during the past millennium with proxy reconstructions. *Climate of the Past*, 11(2):253–263, February 2015.
- [24] L. Fernández-Donado, J. F. González-Rouco, C. C. Raible, C. M. Ammann, D. Barriopedro, E. García-Bustamante, J. H. Jungclaus, S. J. Lorenz, J. Luterbacher, S. J. Phipps, J. Servonnat, D. Swingedouw, S. F. B. Tett, S. Wagner, P. Yiou, and E. Zorita. Large-scale temperature response to external forcing in simulations and reconstructions of the last millennium. *Climate of the Past*, 9(1):393–421, February 2013.
- [25] A. V. Gallego-Sala, D. J. Charman, S. P. Harrison, G. Li, and I. C. Prentice. Climate-driven expansion of blanket bogs in Britain during the Holocene. *Climate of the Past Discussions*, 11(5):4811–4832, October 2015.

- [26] Marco A. Giorgetta, Johann Jungclaus, Christian H. Reick, Stephanie Legutke, Jürgen Bader, Michael Böttinger, Victor Brovkin, Traute Crueger, Monika Esch, Kerstin Fieg, Ksenia Glushak, Veronika Gayler, Helmuth Haak, Heinz-Dieter Hollweg, Tatiana Ilyina, Stefan Kinne, Luis Kornblueh, Daniela Matei, Thorsten Mauritsen, Uwe Mikolajewicz, Wolfgang Mueller, Dirk Notz, Felix Pithan, Thomas Raddatz, Sebastian Rast, Rene Redler, Erich Roeckner, Hauke Schmidt, Reiner Schnur, Joachim Segschneider, Katharina D. Six, Martina Stockhouse, Claudia Timmreck, Jörg Wegner, Heinrich Widmann, Karl-H Wieners, Martin Claussen, Jochem Marotzke, and Bjorn Stevens. Climate and carbon cycle changes from 1850 to 2100 in MPI-ESM simulations for the coupled model intercomparison project phase 5. *Journal of Advances in Modeling Earth Systems*, 5(3):572–597, July 2013.
- [27] H. Goosse, M. Braida, X. Crosta, A. Mairesse, V. Masson-Delmotte, P. Mathiot, R. Neukom, H. Oerter, G. Philippon, H. Renssen, B. Stenni, T. van Ommen, and E. Verleyen. Antarctic temperature changes during the last millennium: evaluation of simulations and reconstructions. *Quaternary Science Reviews*, 55:75–90, November 2012.
- [28] H. Goosse, D. M. Roche, A. Mairesse, and M. Berger. Modelling past sea ice changes. *Quaternary Science Reviews*, 79:191–206, November 2013.
- [29] C. Gordon, C. Cooper, C. A. Senior, H. Banks, J. M. Gregory, T. C. Johns, J. F. B. Mitchell, and R. A. Wood. The simulation of SST, sea ice extents and ocean heat transports in a version of the hadley centre coupled model without flux adjustments. *Climate Dynamics*, 16(2-3):147–168, February 2000.
- [30] A. Govin, P. Braconnot, E. Capron, E. Cortijo, J. C. Duplessy, E. Jansen, L. Labeyrie, A. Landais, O. Marti, E. Michel, E. Mosquet, B. Risebrobakken, D. Swingedouw, and C. Waelbroeck. Persistent influence of ice sheet melting on high northern latitude climate during the early last interglacial. *Climate of the Past*, 8(2):483–507, March 2012.
- [31] J. C. Hargreaves, J. D. Annan, R. Ohgaito, A. Paul, and A. Abe-Ouchi. Skill and reliability of climate model ensembles at the Last Glacial Maximum and mid-holocene. *Climate of the Past*, 9(2):811–823, March 2013.

- [32] J. C. Hargreaves, J. D. Annan, M. Yoshimori, and A. Abe-Ouchi. Can the last glacial maximum constrain climate sensitivity? *Geophysical Research Letters*, 39(24):n/a, December 2012.
- [33] S. P. Harrison, P. J. Bartlein, S. Brewer, I. C. Prentice, M. Boyd, I. Hessler, K. Holmgren, K. Izumi, and K. Willis. Climate model benchmarking with glacial and mid-Holocene climates. *Climate Dynamics*, 43(3-4):671–688, 2014.
- [34] S. P. Harrison, P. J. Bartlein, K. Izumi, G. Li, J. Annan, J. Hargreaves, P. Braconnot, and M. Kageyama. Evaluation of CMIP5 palaeo-simulations to improve climate projections. *Nature Climate Change*, 5(8):735–743, July 2015.
- [35] Sze L. Ho and Thomas Laepple. Glacial cooling as inferred from marine temperature proxies TEXH86 and UK37. *Earth and Planetary Science Letters*, 409:15–22, January 2015.
- [36] Daniel E. Ibarra, Anne E. Egger, Karrie L. Weaver, Caroline R. Harris, and Kate Maher. Rise and fall of late pleistocene pluvial lakes in response to reduced evaporation and precipitation: Evidence from lake surprise, california. *Geological Society of America Bulletin*, 126(11-12):1387–1415, November 2014.
- [37] Kenji Izumi, Patrick J. Bartlein, and Sandy P. Harrison. Consistent large-scale temperature responses in warm and cold climates. *Geophys. Res. Lett.*, 40(9):1817–1823, May 2013.
- [38] S. Jeffrey, L. Rotstayn, M. Collier, S. Dravitzki, C. Hamalainen, C. Moeseneder, K. Wong, and J. Skytus. Australia’s CMIP5 submission using the CSIRO-mk3.6 model. *Australian Meteorological and Oceanographic Journal*, 63(1):1+, 13.
- [39] Stephen Jeffrey, Leon Rotstayn, Mark Collier, Stacey Dravitski, Carlo Hamalainen, Chris Moeseneder, Kenneth Wong, and Jozef Syktus. Australia’s CMIP5 submission using the CSIRO-mk3.6 model. *Australian Meteorological and Oceanographic Journal*, 63(1):1–13, 2013.
- [40] Dabang Jiang, Xianmei Lang, Zhiping Tian, and Lixia Ju. Mid-Holocene east asian summer monsoon strengthening: Insights from paleoclimate modeling intercomparison project (PMIP) simulations. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 369:422–429, January 2013.

- [41] Dabang Jiang, Zhiping Tian, and Xianmei Lang. Mid-Holocene net precipitation changes over china: model–data comparison. *Quaternary Science Reviews*, 82:104–120, December 2013.
- [42] C. D. Jones, J. K. Hughes, N. Bellouin, S. C. Hardiman, G. S. Jones, J. Knight, S. Liddicoat, F. M. O’Connor, R. J. Andres, C. Bell, K. O. Boo, A. Bozzo, N. Butchart, P. Cadule, K. D. Corbin, M. Doutriaux-Boucher, P. Friedlingstein, J. Gornall, L. Gray, P. R. Halloran, G. Hurtt, W. J. Ingram, J. F. Lamarque, R. M. Law, M. Meinshausen, S. Osprey, E. J. Palin, L. Parsons Chini, T. Raddatz, M. G. Sanderson, A. A. Sellar, A. Schurer, P. Valdes, N. Wood, S. Woodward, M. Yoshioka, and M. Zerroukat. The HadGEM2-ES implementation of CMIP5 centennial simulations. *Geoscientific Model Development*, 4(3):543–570, July 2011.
- [43] J. H. Jungclaus, N. Fischer, H. Haak, K. Lohmann, J. Marotzke, D. Matei, U. Mikolajewicz, D. Notz, and J. S. von Storch. Characteristics of the ocean simulations in the max planck institute ocean model (MPIOM) the ocean component of the MPI-earth system model. *Journal of Advances in Modeling Earth Systems*, 5(2):422–446, June 2013.
- [44] Masa Kageyama, Pascale Braconnot, Laurent Bopp, Arnaud Caubel, Marie-Alice Foujols, Eric Guilyardi, Myriam Khodri, James Lloyd, Fabien Lombard, Véronique Mariotti, Olivier Marti, Tilla Roy, and Marie-Noëlle Woillez. Mid-Holocene and last glacial maximum climate simulations with the IPSL model—part i: comparing IPSL_CM5A to IPSL_CM4. *Climate Dynamics*, 40(9-10):2447–2468, September 2013.
- [45] Masa Kageyama, Pascale Braconnot, Laurent Bopp, Véronique Mariotti, Tilla Roy, Marie-Noëlle Woillez, Arnaud Caubel, Marie-Alice Foujols, Eric Guilyardi, Myriam Khodri, James Lloyd, Fabien Lombard, and Olivier Marti. Mid-Holocene and last glacial maximum climate simulations with the IPSL model: part II: model-data comparisons. *Climate Dynamics*, 40(9-10):2469–2495, October 2013.
- [46] Seong-Joong Kim, Ji-Won Kim, and Baek-Min Kim. Last glacial maximum climate over korean peninsula in PMIP3 simulations. *Quaternary International*, 384:52–81, October 2015.
- [47] A. V. Kislov, A. Panin, and P. Toropov. Current status and palaeostages of the caspian sea as a potential evaluation tool for

climate model simulations. *Quaternary International*, 345:48–55, September 2014.

- [48] A. V. Kislov, A. V. Panin, and P. A. Toropov. Present-day variations and paleodynamics of the caspian sea level as a standard for climate modeling data verification. 39(5):328–334, 2014.
- [49] J. H. Koh and C. M. Brierley. Tropical cyclone genesis potential across palaeoclimates. *Climate of the Past*, 11(10):1433–1451, October 2015.
- [50] G. Krinner, A. M. Lézine, P. Braconnot, P. Sepulchre, G. Ramstein, C. Grenier, and I. Gouttevin. A reassessment of lake and wetland feedbacks on the north african holocene climate. *Geophysical Research Letters*, 39(7):n/a, April 2012.
- [51] Thanh Le. Solar forcing of earth’s surface temperature in PMIP3 simulations of the last millennium. *Atmospheric Science Letters*, 16(3):285–290, July 2015.
- [52] Guangqi Li, Sandy P. Harrison, Patrick J. Bartlein, Kenji Izumi, and I. Colin Prentice. Precipitation scaling with temperature in warm and cold climates: An analysis of CMIP5 simulations. *Geophysical Research Letters*, 40(15):4018–4024, August 2013.
- [53] Matheus Lima-Ribeiro and José A. Diniz-Filho. Modelando a distribuição geográfica das espécies no passado: uma abordagem promissora em paleoecologia. *REVISTA BRASILEIRA DE PALEONTOLOGIA*, 15(03):371–385, December 2012.
- [54] Wei Liu, Jian Lu, Leung, Shang-Ping Xie, Zhengyu Liu, and Jiang Zhu. The de-correlation of westerly winds and westerly-wind stress over the southern ocean during the last glacial maximum. 45(11-12):3157–3168, 2015.
- [55] G. Lohmann, M. Pfeiffer, T. Laepple, G. Leduc, and J. H. Kim. A model–data comparison of the holocene global sea surface temperature evolution. *Climate of the Past*, 9(4):1807–1839, August 2013.
- [56] Y. Luan, P. Braconnot, Y. Yu, W. Zheng, and O. Marti. Early and mid-Holocene climate in the tropical pacific: seasonal cycle and interannual variability induced by insolation changes. *Climate of the Past*, 8(3):1093–1108, June 2012.

- [57] Yihua Luan, Pascale Braconnot, Yongqiang Yu, and Weipeng Zheng. Tropical pacific mean state and ENSO changes: sensitivity to freshwater flux and remnant ice sheets at 9.5ka BP. *44*(3-4):661–678, 2015.
- [58] D. J. Lunt, A. Abe-Ouchi, P. Bakker, A. Berger, P. Braconnot, S. Charbit, N. Fischer, N. Herold, J. H. Jungclaus, V. C. Khon, U. Krebs-Kanzow, P. M. Langebroek, G. Lohmann, K. H. Nisancioglu, B. L. Otto-Bliesner, W. Park, M. Pfeiffer, S. J. Phipps, M. Prange, R. Rachmayani, H. Renssen, N. Rosenbloom, B. Schneider, E. J. Stone, K. Takahashi, W. Wei, Q. Yin, and Z. S. Zhang. A multi-model assessment of last interglacial temperatures. *Climate of the Past*, 9(2):699–717, March 2013.
- [59] D. J. Lunt, T. Dunkley Jones, M. Heinemann, M. Huber, A. LeGrande, A. Winguth, C. Loptson, J. Marotzke, C. D. Roberts, J. Tindall, P. Valdes, and C. Winguth. A model–data comparison for a multi-model ensemble of early eocene atmosphere–ocean simulations: EoMIP. *Climate of the Past*, 8(5):1717–1736, October 2012.
- [60] Wenmin Man, Tianjun Zhou, and Johann H. Jungclaus. Effects of large volcanic eruptions on global summer climate and east asian monsoon changes during the last millennium: Analysis of MPI-ESM simulations. *J. Climate*, 27(19):7394–7409, July 2014.
- [61] C. Marzin, N. Kallel, M. Kageyama, J. C. Duplessy, and P. Braconnot. Glacial fluctuations of the indian monsoon and their relationship with north atlantic climate: new data and modelling experiments. *Climate of the Past*, 9(5):2135–2151, September 2013.
- [62] Charline Marzin, Pascale Braconnot, and Masa Kageyama. Relative impacts of insolation changes, meltwater fluxes and ice sheets on african and asian monsoons during the holocene. *41*(9-10):2267–2286, 2013.
- [63] A. Mauri, B. A. S. Davis, P. M. Collins, and J. O. Kaplan. The influence of atmospheric circulation on the mid-Holocene climate of europe: a data–model comparison. *Climate of the Past*, 10(5):1925–1938, October 2014.
- [64] C. Morrill, D. M. Anderson, B. A. Bauer, R. Buckner, E. P. Gille, W. S. Gross, M. Hartman, and A. Shah. Proxy benchmarks for

- intercomparison of 8.2 ka simulations. *Climate of the Past*, 9(1):423–432, February 2013.
- [65] R. Ohgaito, T. Sueyoshi, A. Abe-Ouchi, T. Hajima, S. Watanabe, H. J. Kim, A. Yamamoto, and M. Kawamiya. Can an earth system model simulate better climate change at mid-Holocene than an AOGCM? a comparison study of MIROC-ESM and MIROC3. *Climate of the Past*, 9(4):1519–1542, July 2013.
- [66] A. Perez-Sanz, G. Li, P. González-Sampériz, and S. P. Harrison. Evaluation of modern and mid-holocene seasonal precipitation of the Mediterranean and northern Africa in the cmip5 simulations. *Climate of the Past*, 10(2):551–568, March 2014.
- [67] S. J. Phipps, L. D. Rotstayn, H. B. Gordon, J. L. Roberts, A. C. Hirst, and W. F. Budd. The CSIRO Mk3L climate system model version 1.0 – part 1: Description and evaluation. *Geoscientific Model Development*, 4(2):483–509, June 2011.
- [68] S. J. Phipps, L. D. Rotstayn, H. B. Gordon, J. L. Roberts, A. C. Hirst, and W. F. Budd. The CSIRO Mk3L climate system model version 1.0 – part 2: Response to external forcings. *Geoscientific Model Development*, 5(3):649–682, May 2012.
- [69] Steven J. Phipps, Helen V. McGregor, Joëlle Gergis, Ailie J. E. Gallant, Raphael Neukom, Samantha Stevenson, Duncan Ackerley, Josephine R. Brown, Matt J. Fischer, and Tas D. van Ommen. Paleoclimate Data–Model comparison and the role of climate forcings over the past 1500 years*. *J. Climate*, 26(18):6915–6936, March 2013.
- [70] V. D. Pope, M. L. Gallani, P. R. Rowntree, and R. A. Stratton. The impact of new physical parametrizations in the hadley centre climate model: HadAM3. *Climate Dynamics*, 16(2-3):123–146, February 2000.
- [71] L. F. Prado, I. Wainer, C. M. Chiessi, M. P. Ledru, and B. Turcq. A mid-holocene climate reconstruction for eastern South America. *Climate of the Past*, 9(5):2117–2133, September 2013.
- [72] Luciana F. Prado, Ilana Wainer, and Cristiano M. Chiessi. Mid-Holocene PMIP3/CMIP5 model results: Intercomparison for the south american monsoon system. *The Holocene*, 23(12):1915–1920, December 2013.

- [73] M. Rojas. Sensitivity of southern hemisphere circulation to LGM and 4CO₂ climates. *Geophys. Res. Lett.*, 40(5):965–970, March 2013.
- [74] L. D. Rotstayn, S. J. Jeffrey, M. A. Collier, S. M. Dravitzki, A. C. Hirst, J. I. Syktus, and K. K. Wong. Aerosol- and greenhouse gas-induced changes in summer rainfall and circulation in the australasian region: a study using single-forcing climate simulations. *Atmospheric Chemistry and Physics*, 12(14):6377–6404, July 2012.
- [75] Marion Saint-Lu, Pascale Braconnot, Julie Leloup, Matthieu Lengaigne, and Olivier Marti. Changes in the ENSO/SPCZ relationship from past to future climates. *Earth and Planetary Science Letters*, 412:18–24, February 2015.
- [76] K. Saito, T. Sueyoshi, S. Marchenko, V. Romanovsky, B. Otto-Bliesner, J. Walsh, N. Bigelow, A. Hendricks, and K. Yoshikawa. LGM permafrost distribution: how well can the latest PMIP multi-model ensembles perform reconstruction? *Climate of the Past*, 9(4):1697–1714, August 2013.
- [77] G. A. Schmidt, J. D. Annan, P. J. Bartlein, B. I. Cook, E. Guilyardi, J. C. Hargreaves, S. P. Harrison, M. Kageyama, A. N. LeGrande, B. Konecky, S. Lovejoy, M. E. Mann, V. Masson-Delmotte, C. Risi, D. Thompson, A. Timmermann, L. B. Tremblay, and P. Yiou. Using palaeo-climate comparisons to constrain future projections in cmip5. *Climate of the Past*, 10(1):221–250, February 2014.
- [78] G. A. Schmidt, J. D. Annan, P. J. Bartlein, B. I. Cook, E. Guilyardi, J. C. Hargreaves, S. P. Harrison, M. Kageyama, A. N. LeGrande, B. Konecky, S. Lovejoy, M. E. Mann, V. Masson-Delmotte, C. Risi, D. Thompson, A. Timmermann, L. B. Tremblay, and P. Yiou. Using paleo-climate comparisons to constrain future projections in CMIP5. *Climate of the Past Discussions*, 9(1):775–835, February 2013.
- [79] G. A. Schmidt, J. H. Jungclaus, C. M. Ammann, E. Bard, P. Braconnot, T. J. Crowley, G. Delaygue, F. Joos, N. A. Krivova, R. Muscheler, B. L. Otto-Bliesner, J. Pongratz, D. T. Shindell, S. K. Solanki, F. Steinhilber, and L. E. A. Vieira. Climate forcing reconstructions for use in PMIP simulations of the last millennium (v1.0). *Geoscientific Model Development*, 4(1):33–45, January 2011.
- [80] G. A. Schmidt, J. H. Jungclaus, C. M. Ammann, E. Bard, P. Braconnot, T. J. Crowley, G. Delaygue, F. Joos, N. A. Krivova,

- R. Muscheler, B. L. Otto-Bliesner, J. Pongratz, D. T. Shindell, S. K. Solanki, F. Steinhilber, and L. E. A. Vieira. Climate forcing reconstructions for use in PMIP simulations of the last millennium (v1.1). *Geoscientific Model Development*, 5(1):185–191, January 2012.
- [81] A. Schmittner, J. A. M. Green, and S. B. Wilmes. Glacial ocean overturning intensified by tidal mixing in a global circulation model. *Geophysical Research Letters*, 42(10):4014–4022, May 2015.
- [82] Andreas Schmittner, Nathan M. Urban, Jeremy D. Shakun, Natalie M. Mahowald, Peter U. Clark, Patrick J. Bartlein, Alan C. Mix, and Antoni Rosell-Melé. Climate sensitivity estimated from temperature reconstructions of the last glacial maximum. *Science*, 334(6061):1385–1388, December 2011.
- [83] Andrew P. Schurer, Gabriele C. Hegerl, Michael E. Mann, Simon F. B. Tett, and Steven J. Phipps. Separating forced from chaotic climate variability over the past millennium. *J. Climate*, 26(18):6954–6973, March 2013.
- [84] Andrew P. Schurer, Simon F. B. Tett, and Gabriele C. Hegerl. Small influence of solar variability on climate over the past millennium. *Nature Geoscience*, 7(2):104–108, December 2013.
- [85] Jeremy D. Shakun, Peter U. Clark, Feng He, Shaun A. Marcott, Alan C. Mix, Zhengyu Liu, Bette Otto-Bliesner, Andreas Schmittner, and Edouard Bard. Global warming preceded by increasing carbon dioxide concentrations during the last deglaciation. *Nature*, 484(7392):49–54, April 2012.
- [86] Joy S. Singarayer and Sallie L. Burrough. Interhemispheric dynamics of the african rainbelt during the late quaternary. *Quaternary Science Reviews*, 124:48–67, September 2015.
- [87] C. Stepanek and G. Lohmann. Modelling mid-Pliocene climate with COSMOS. *Geoscientific Model Development*, 5(5):1221–1243, October 2012.
- [88] T. Sueyoshi, R. Ohgaito, A. Yamamoto, M. O. Chikamoto, T. Hajima, H. Okajima, M. Yoshimori, M. Abe, R. Oishi, F. Saito, S. Watanabe, M. Kawamiya, and A. Abe-Ouchi. Set-up of the pmip3 paleoclimate experiments conducted using an Earth system model, miroc-esm. *Geoscientific Model Development*, 6(3):819–836, June 2013.

- [89] R. J. Telford, C. Li, and M. Kucera. Mismatch between the depth habitat of planktonic foraminifera and the calibration depth of sst transfer functions may bias reconstructions. *Climate of the Past*, 9(2):859–870, March 2013.
- [90] Levi C. Terribile. Areas of climate stability of species ranges in the brazilian cerrado: disentangling uncertainties through time. *Natureza & Conservação*, 10(2):152–159, 2012.
- [91] Z. Tian and D. Jiang. Mid-holocene ocean and vegetation feedbacks over East Asia. *Climate of the Past*, 9(5):2153–2171, September 2013.
- [92] Guido Vettoretti and W. Richard Peltier. Last glacial maximum ice sheet impacts on north atlantic climate variability: The importance of the sea ice lid. *Geophysical Research Letters*, 40(24):6378–6383, December 2013.
- [93] Seiji Yukimoto, Yukimasa Adachi, Masahiro Hosaka, Tomonori Sakami, Hiromasa Yoshimura, Mikitoshi Hirabara, Taichu Y. Tanaka, Eiki Shindo, Hiroyuki Tsujino, Makoto Deushi, Ryo Mizuta, Shoukichi Yabu, Atsushi Obata, Hideyuki Nakano, Tsuyoshi Koshiro, Tomoaki Ose, and Akio Kitoh. A new global climate model of the meteorological research institute: MRI-CGCM3 - model description and basic performance -. *Journal of the Meteorological Society of Japan*, 90A(0):23–64, 2012.
- [94] Seiji Yukimoto, Hiromasa Yoshimura, Masahiro Hosaka, Tomonori Sakami, Hiroyuki Tsujino, Mikitoshi Hirabara, Taichu Y. Tanaka, Makoto Deushi, Atsushi Obata, Hideyuki Nakano, Yukimasa Adachi, Eiki Shindo, Shoukichi Yabu, Tomoaki Ose, and Akio Kitoh. Meteorological research Institute-Earth system model version 1 (MRI-ESM1) — model description —. Technical report, METEOROLOGICAL RESEARCH INSTITUTE, JAPAN.
- [95] X. Zhang, G. Lohmann, G. Knorr, and X. Xu. Different ocean states and transient characteristics in last glacial maximum simulations and implications for deglaciation. *Climate of the Past*, 9(5):2319–2333, October 2013.
- [96] W. Zheng, B. Wu, J. He, and Y. Yu. The East Asian Summer Monsoon at mid-holocene: results from pmip3 simulations. *Climate of the Past*, 9(1):453–466, February 2013.

- [97] Weipeng Zheng and Pascale Braconnot. Characterization of model spread in PMIP2 Mid-Holocene simulations of the african monsoon. *J. Climate*, 26(4):1192–1210, August 2012.
- [98] Weipeng Zheng and Yongqiang Yu. Paleoclimate simulations of the mid-Holocene and last glacial maximum by FGOALS. *Advances in Atmospheric Sciences*, 30(3):684–698, 2013.
- [99] Kelin Zhuang and John R. Giardino. Ocean cooling pattern at the last glacial maximum. *Advances in Meteorology*, 2012:1–8, 2012.