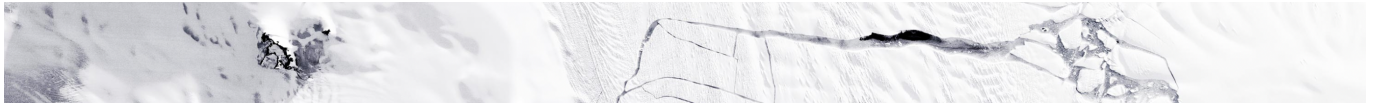


Publications & Citation Guidance



Guidance for ISMIP6 publications

Given the hard work from so many people, we will follow the CMIP6 guidance for acknowledgements and referencing models and key papers (see below). We are also using the ice2sea method of tracking ISMIP6 related papers, so when your manuscript is submitted or accepted, please email ismip6@gmail.com, so that we can assign you a contribution number, which will go in the acknowledgements as “*This is ISMIP6 contribution No X*”.

Acknowledgments

Acknowledgements should have language similar to (if you only use CMIP5 forcing, remove CMIP6 and vice versa).

“We thank the Climate and Cryosphere ([CliC](#)) effort, which provided support for ISMIP6 through sponsoring of workshops, hosting the ISMIP6 website and wiki, and promoted ISMIP6. We acknowledge the World Climate Research Programme, which, through its Working Group on Coupled Modelling, coordinated and promoted CMIP5 and CMIP6. We thank the climate modeling groups for producing and making available their model output, the Earth System Grid Federation (ESGF) for archiving the CMIP data and providing access, the University at Buffalo for ISMIP6 data distribution and upload, and the multiple funding agencies who support CMIP5 and CMIP6 and ESGF. We thank the ISMIP6 steering committee, the ISMIP6 model selection group and ISMIP6 dataset preparation group for their continuous engagement in defining ISMIP6. This is ISMIP6 contribution No X.”



References to be included in Greenland Standalone papers

ISMIP6 Protocol papers: Nowicki et al. (ISMIP6 Publication 1); Nowicki et al. (ISMIP6 Publication 9)

Results of Greenland paper: Goelzer et al. (ISMIP6 Publication 10); Payne et al. (ISMIP6 Publication 12)

initMIP Greenland (if applicable): Goelzer et al. (ISMIP6 Publication 2)

Model selection paper: Barthel et al. (ISMIP6 Publication 5)

Forcing papers: Slater et al. (ISMIP6 Publication 4); Slater et al. (ISMIP6 Publication 6); and when SMB remapping was used: Goelzer et al. (ISMIP6 Publication 7)

CMIP6 protocol paper (if applicable): “Eyring et al. (2016)

- Eyring, V., Bony, S., Meehl, G. A., Senior, C. A., Stevens, B., Stouffer, R. J., and Taylor, K. E.: Overview of the Coupled Model Intercomparison Project Phase 6 (CMIP6) experimental design and organization, *Geosci. Model Dev.*, 9, 1937–1958, <https://doi.org/10.5194/gmd-9-1937-2016>, 2016.

References to be included in Antarctica Standalone papers

ISMIP6 Protocol papers: Nowicki et al. (ISMIP6 Publication 1) , Nowicki et al. (ISMIP6 Publication 9)

Results of Antarctica paper: Seroussi et al. (ISMIP6 Publication 11); Payne et al. (ISMIP6 Publication 12)

initMIP Antarctica (if applicable): Seroussi et al. (ISMIP6 Publication 3)

Model selection paper: Barthel et al. (ISMIP6 Publication 5)

Forcing papers: Jourdain et al. (ISMIP6 Publication 8)

CMIP6 protocol paper (if applicable): “Eyring et al. (2016)

- Eyring, V., Bony, S., Meehl, G. A., Senior, C. A., Stevens, B., Stouffer, R. J., and Taylor, K. E.: Overview of the Coupled Model Intercomparison Project Phase 6 (CMIP6) experimental design and organization, *Geosci. Model Dev.*, 9, 1937–1958, <https://doi.org/10.5194/gmd-9-1937-2016>, 2016.



ISMIP6 Publication List and Special Issue

ISMIP6 has initiated a Special Issue with [EGU journal The Cryosphere](#). Below is a list of all ISMIP6 publications and the corresponding publication number:

(1) Nowicki et al. (2016) present the framework for the Ice Sheet Model Intercomparison Project for CMIP6 (ISMIP6), including a protocol for coupled ice sheet-climate model simulations and standalone ice sheet models as part of CMIP6:

- Nowicki, S. M., A. Payne, E. Larour, et al. 2016. "Ice Sheet Model Intercomparison Project (ISMIP6) contribution to CMIP6." *Geoscientific Model Development* 9 (12): 4521-4545 <https://doi.org/10.5194/gmd-9-4521-2016>

(2) Goelzer et al. (2018) present an analysis of the initMIP-Greenland intercomparison, an effort that investigates the impact of initialization methods on standalone ice sheet projections:

- Goelzer, H., Nowicki, S., Edwards, T., Beckley, M., Abe-Ouchi, A., Aschwanden, A., Calov, R., Gagliardini, O., Gillet-Chaulet, F., Golledge, N. R., Gregory, J., Greve, R., Humbert, A., Huybrechts, P., Kennedy, J. H., Larour, E., Lipscomb, W. H., Le clec'h, S., Lee, V., Morlighem, M., Pattyn, F., Payne, A. J., Rodehacke, C., Rückamp, M., Saito, F., Schlegel, Seroussi, H., Shepherd, A., Sun, S., van de Wal, R., and Ziemen, F. A.: Design and results of the ice sheet model initialisation experiments initMIP-Greenland: an ISMIP6 intercomparison, *The Cryosphere*, 12, 1433-1460, <https://doi.org/10.5194/tc-12-1433-2018>, 2018.

-Greenland model simulations can be found:

Goelzer, H., Nowicki, S., Edwards, T., Beckley, M., Abe-Ouchi, A., Aschwanden, A., Calov, R., Gagliardini, O., Gillet-Chaulet, F., Golledge, N. R., Gregory, J., Greve, R., Humbert, A., Huybrechts, P., Kennedy, J. H., Larour, E., Lipscomb, W. H., Le clec'h, S., Lee, V., Morlighem, M., Pattyn, F., Payne, A. J., Rodehacke, C., Rückamp, M., Saito, F., Schlegel, Seroussi, H., Shepherd, A., Sun, S., van de Wal, R., and Ziemen, F. A.: Results of the ice sheet model initialisation experiments initMIP-Greenland: an ISMIP6 intercomparison, <https://doi.org/10.5281/zenodo.1173088>, **2018**.

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Nowicki, S., Simon, E., Abe-Ouchi, A., Albrecht, T., Brondex, J., Cornford, S., Dumas, C., Gillet-Bezelzer, H., Golledge, N. R., Gregory, J. M., Greve, R., Hoffman, M. J., Humbert, A., Huybrechts, P., Jourdain, E., Leguy, G., Lipscomb, W. H., Lowry, D., Mengel, M., Morlighem, M., Pattyn, F., Payne, A. J., van den Broeke, S. F., Quiquet, A., Reerink, T. J., Reese, R., Rodehacke, C. B., Schlegel, N.-J., Shepherd, A., Sun, Y., van Breendam, J., van de Wal, R. S. W., Winkelmann, R., and Zhang, T.: initMIP-Antarctica: an ice sheet simulation experiment of ISMIP6, <https://doi.org/10.5281/zenodo.2651652>

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Protocol for selecting climate models to be used in the development of atmospheric and oceanic forcing for the CMIP5 model ensemble

Christopher M. Little, Tore Hatterman, Nicolas C. Jourdain, Heiko Goelzer, Sophie Nowicki, Helene Seroussi, and Thomas J. Bracegirdle, CMIP5 model selection for ISMIP6 ice sheet model forcing: Greenland and Antarctica, *The Cryosphere*, 14, 855–879, <https://doi.org/10.5194/tc-14-855-2020>, 2020.

Protocol for implementing oceanic forcing for the Greenland projection:

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Protocol for computing of Greenland surface mass balance which can be used when the ice sheet spatial extent and ice sheet (a result of initialization):

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