THE COMMITMENT TO GLOBAL SEA LEVEL RISE OVER THE NEXT 500 YEARS Steven J. Phipps¹, Jason L. Roberts², Matt A. King³ and Xuebin Zhang⁴

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1. Future climate scenarios



2. Simulated climate change



The climate scenarios studied here (as adopted by the IPCC Fifth Assessment Report).

The simulated changes in global temperature for each scenario, using a global climate model.

3. Antarctic contribution to global sea level



The simulated contribution of the Antarctic Ice Sheet to global sea level for each scenario, using different plausible ice sheet models. 95% of model estimates lie within the shaded ranges.



Acknowledgements: This work was supported by (i) the Australian Research Council's Special Research Initiative for the Antarctic Gateway Partnership (Project ID SR140300001); (ii) the Centre for Southern Hemisphere Oceans Research, a joint research centre between QNLM and CSIRO; and (iii) the University of Tasmania and the Australian Government's NCRIS program, through the Tasmanian Partnership for Advanced Computing.

