



Greenhouse Gas Concentrations

Factsheets on surface air concentrations of 43 greenhouse gases, their historical observations and future projections under the SSP scenarios

available at:

greenhousegases.science.unimelb.edu.au

References (and references therein):

Meinshausen, M., Vogel, E., Nauels, A., Lorbacher, K., Meinshausen, N., Etheridge, D. M., Fraser, P. J., Montzka, S. A., Rayner, P. J., Trudinger, C. M., Krummel, P. B., Beyerle, U., Canadell, J. G., Daniel, J. S., Enting, I. G., Law, R. M., Lunder, C. R., O'Doherty, S., Prinn, R. G., Reimann, S., Rubino, M., Velders, G. J. M., Vollmer, M. K., Wang, R. H. J., and Weiss, R.: Historical greenhouse gas concentrations for climate modelling (CMIP6), *Geosci. Model Dev.*, 10, 2057–2116, doi.org/10.5194/gmd-10-2057-2017, 2017.

Meinshausen et al. (2019), "Future greenhouse gas concentrations under the SSP scenarios over 2015 to 2500", in preparation.

Contact:

Zebedee Nicholls, zebedee.nicholls@climate-energy-college.org
Malte Meinshausen, malte.meinshausen@unimelb.edu.au

Acknowledgements

This webpage greenhousegases.science.unimelb.edu.au was created by Melissa Makin, Faculty of Science IT, The University of Melbourne based on an earlier version by Usha Nattala. Big thanks to the very helpful Science IT team.

This community effort would not have been possible without the tens and hundreds of researchers working on greenhouse gas measurements, integrated assessment modelling and carbon cycle and climate models. Specifically, this resource is the joint effort by all the co-authors of the two publications and many active members of the community, which are too numerous to list, but include especially the teams at CSIRO, the NOAA and AGAGE network members, and the Integrated Assessment Modelling Community.