

AR6 WGI Report – List of corrigenda to be implemented

The corrigenda listed below will be implemented in the Supp. Material during copy-editing.

CHAPTER 4 Supplementary Material

Document (Chapter, Annex, Supp. Mat...)	Section	Page :Line (based on the final pdf FGD version)	Detailed info on correction to make
4 SM	4.SM.1	4.SM-2:-	In Table 4.SM.1: Row 1, Column 1: “Figure number / Table number / Chapter section (for calculations)” replace with “Figure number”
4 SM			Update the Data Table with omitted data citations for climate model data.

Chapter 4: Future global climate: scenario-based projections and near-term information - Supplementary Material

Coordinating Lead Authors:

June-Yi Lee (Republic of Korea), Jochem Marotzke (Germany)

Lead Authors:

Govindasamy Bala (India/United States of America), Long Cao (China), Susanna Corti (Italy), John P. Dunne (United States of America), Francois Engelbrecht (South Africa), Erich Fischer (Switzerland), John C. Fyfe (Canada), Christopher Jones (United Kingdom), Amanda Maycock (United Kingdom), Joseph Mutemi (Kenya), Ousmane Ndiaye (Senegal), Swapna Panickal (India), Tianjun Zhou (China)

Contributing Authors:

Sebastian Milinski (Germany), Kyung-Sook Yun (Republic of Korea), Kyle Armour (United States of America), Nicolas Bellouin (United Kingdom/France), Ingo Bethke (Norway/Germany), Michael P. Byrne (United Kingdom/Ireland), Christophe Cassou (France), Deliang Chen (Sweden), Annalisa Cherchi (Italy), Hannah M. Christensen (United Kingdom), Sarah L. Connors (France/United Kingdom), Alejandro Di Luca (Australia, Canada/Argentina), Sybren S. Drijfhout (The Netherlands), Christopher G. Fletcher (Canada/United Kingdom, Canada), Piers Forster (United Kingdom), Javier García-Serrano (Spain), Nathan P. Gillett (Canada), Darrell S. Kaufmann (United States of America), David P. Keller (Germany/United States of America), Ben Kravitz (United States of America), Hongmei Li (Germany/China), Yongxiao Liang (Canada/China), Andrew H. MacDougall (Canada), Elizaveta Malinina (Canada/Russian Federation), Matthew Menary (France/United Kingdom), William J. Merryfield (Canada/United States of America), Seung-Ki Min (Republic of Korea), Zebedee R.J. Nicholls (Australia), Dirk Notz (Germany), Brodie Pearson (United States of America/United Kingdom), Matthew D. K. Priestley (United Kingdom), Johannes Quaas (Germany), Aurélien Ribes (France), Alex C. Ruane (United States of America), Jean-Baptiste Sallée (France), Emilia Sanchez-Gomez (France/Spain), Sonia I. Seneviratne (Switzerland), Aimée B. A. Slangen (The Netherlands), Chris Smith (United Kingdom), Malte F. Stuecker (United States of America/Germany), Ranjini Swaminathan (United Kingdom/India), Peter W. Thorne (Ireland/United Kingdom), Katarzyna B. Tokarska (Switzerland/Poland), Matthew Toohey (Canada, Germany/Canada), Andrew Turner (United Kingdom), Danila Volpi (Italy), Cunde Xiao (China), Giuseppe Zappa (Italy)

Review Editors:

Krishna Kumar Kanikicharla (Qatar/India), Vladimir Kattsov (Russian Federation), Masahide Kimoto (Japan)

Chapter Scientists:

Sebastian Milinski (Germany), Kyung-Sook Yun (Republic of Korea)

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This document is subject to copy-editing, corrigenda and trickle backs

4.SM.1 Data Table

[START TABLE 4.SM.1 HERE]

Table 4.SM.1: Input Data Table. Input datasets and code used to create chapter figures.

Figure number / Table number / Chapter section (for calculations)	Dataset / Code name	Type	Filename / Specificities	License type	Dataset / Code citation	Dataset / Code URL	Related publications / Software used	Notes [Can add info on data processing, e.g., reference period conversion]
Figure 4.2d	Global mean sea-level (GMSL) change	Input dataset	Annual GMSL time series, 1950-2100					Emulator-based time series from Chapter 9
Figure 4.5	AMOC change	Input dataset					(Sigmond et al., 2018)	
Figure 4.28	ECMWF ERA-Interim Reanalysis	Input dataset	Daily, DJF, 1986-2005, zg 500hPa	CC BY-SA 4.0		http://apps.ecmwf.int/datasets/data/interim-full-mode/	(Dee et al., 2011)	
	NCEP/NCAR Reanalysis	Input dataset	Daily, DJF, 1986-2005, zg 500hPa	CC BY-SA 4.0		https://psl.noaa.gov/data	(Kalnay et al., 1996)	
	JRA55 Reanalysis	Input dataset	Daily, DJF, 1986-2005, zg 500hPa	CC BY-SA 4.0		https://jra.kishou.go.jp/JRA-55/index_en.html	(Kobayashi et al., 2015)	
Figure 4.35	GSAT data : MAGICC AR6-WG1 calibration SSP and RCP experiments (including 2300 extension)	Code				https://gitlab.com/magicc/wg1-ar6-plots/-/blob/master/notebooks/010-magicc-runs/110_ssps_and_rcps.ipynb	(Meinshausen et al., 2009, 2011, 2020)	Cross-chapter Box 7.1
	ERF data	Code		MIT (as part of Chris Smith's		https://github.com/chrisroadmap/		Chapter 7.SM.1.4

				AR6 repository)		ar6/blob/main/notes/books/070_chapter7_fig7.4.ipynb		
Figure 4-39	Zero Emissions Commitment from CO2	Input dataset				http://terra.seos.uvic.ca/ZEC/Data/	(MacDougall et al., 2020)	
	CMIP6 CMIP and C4MIP simulation	Input dataset	CMIP6.CMIP.NOAA-GFDL.GFDL-ESM4.1pctCO2.r1i1p1f1.Amon.tas.gr1.v20180701 CMIP6.C4MIP.NOAA-GFDL.GFDL-ESM4.esm-1pct-brch-1000PgC.r1i1p1f1.Amon.co2.gr1.v20180701 CMIP6.C4MIP.NOAA-GFDL.GFDL-ESM4.esm-1pct-brch-1000PgC.r1i1p1f1.Amon.tas.gr1.v20180701	CC BY-SA 4.0		https://esgf-node.llnl.gov/search/cmip6/		
Figure 4-40	MAGICC AR6-WG1 calibration SSP and RCP experiments (including 2300 extension)	Code				https://gitlab.com/magicc/wg1-ar6-plots/-/blob/master/notes/books/010-magicc-runs/110_ssps_and_rcps.ipynb	Meinshausen et al., 2009, 2011, 2020)	Cross-chapter Box 7.1
Box Figure 4.1	HadCRUT5	Input dataset		CC BY-SA 4.0		https://crudata.uea.ac.uk/cru/data/temperature/#download	(Morice et al., 2021)	
Cross-Chapter Box Figure 4.1	Volcanic ERF and annual mean GSAT	Input dataset	Cross Chapter Box Fig 4.1_ERF data Cross Chapter Box Fig			DMS	(Bethke et al., 2017)	

			4.1_GMSTvolc data Cross Chapter Box Fig 4.1_GMSTzero data					
	Re-plotting Figure 2 from Bethke et al. 2017	Code	Cross Chapter Box Fig 4.1_code.m			DMS		

[END TABLE 4.SM.1 HERE]

References

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