

# 4SM

## Future Global Climate: Scenario-based Projections and Near-term Information Supplementary Material

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**This supplementary material should be cited as:**

Lee, J.-Y., J. Marotzke, G. Bala, L. Cao, S. Corti, J.P. Dunne, F. Engelbrecht, E. Fischer, J.C. Fyfe, C. Jones, A. Maycock, J. Mutemi, O. Ndiaye, S. Panickal, and T. Zhou: 2021, Future Global Climate: Scenario-Based Projections and Near-Term Information Supplementary Material. In *Climate Change 2021: The Physical Science Basis. Contribution of Working Group I to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change* [Masson-Delmotte, V., P. Zhai, A. Pirani, S.L. Connors, C. Péan, S. Berger, N. Caud, Y. Chen, L. Goldfarb, M.I. Gomis, M. Huang, K. Leitzell, E. Lonnoy, J.B.R. Matthews, T.K. Maycock, T. Waterfield, O. Yelekçi, R. Yu, and B. Zhou (eds.)]. Available from <https://www.ipcc.ch/>

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### 4.SM.1 Data Table

**Table 4.SM.1 | Input data table.** Input datasets and code used to create chapter figures.

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
	Code for [Insert Figure]	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Box 4.1, Figure 1	HadCRUT5	Input dataset		CC BY-SA 4.0		<a href="https://crudata.uea.ac.uk/cru/data/temperature/#datdow">https://crudata.uea.ac.uk/cru/data/temperature/#datdow</a>	Morice et al. (2021)		
	Emulated GSAT change							Emulator-based time series from Chapter 4	
	<b>CMIP6 data citations</b>								
		AWI-CM-1-1-MR: historical, ssp245							
		BCC-CSM2-MR: historical, ssp245							
		CAMS-CSM1-0: historical, ssp245							
		CESM2-WACCM: historical, ssp245							
		CESM2: historical, ssp245							
		CIESM: historical, ssp245							
		CMCC-CM2-SR5: historical, ssp245, dcppB-forecast							
		CNRM-CM6-1-HR: historical, ssp245							
		CNRM-CM6-1: historical, ssp245							
		CNRM-ESM2-1: historical, ssp245							
		CanESM5-CanOE: historical, ssp245							
		CanESM5: historical, ssp245							
		EC-Earth3-Veg-LR: historical, ssp245							
		EC-Earth3-Veg: historical, ssp245							
		EC-Earth3: historical, ssp245, dcppB-forecast							
		FGOALS-f3-L: historical, ssp245							
		FGOALS-g3: historical, ssp245							
	FIO-ESM-2-0: historical, ssp245								
	GFDL-CM4: historical, ssp245								
	GFDL-ESM4: historical, ssp245								
	GISS-E2-1-G: historical, ssp245								

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Box 4.1, Figure 1 (continued)	HadGEM3-GC31-LL: historical, ssp245								
	HadGEM3-GC31-MM: dcppB-forecast								
	IITM-ESM: historical, ssp245								
	INM-CM4-8: historical, ssp245								
	INM-CM5-0: historical, ssp245								
	IPSL-CM6A-LR: historical, ssp245								
	KACE-1-0-G: historical, ssp245								
	KIOST-ESM: historical, ssp245								
	MCM-UA-1-0: historical, ssp245								
	MIROC-ES2L: historical, ssp245								
	MIROC6: historical, ssp245, dcppB-forecast								
	MPI-ESM1-2-HR: historical, ssp245, dcppB-forecast								
	MPI-ESM1-2-LR: historical, ssp245								
	MRI-ESM2-0: historical, ssp245, dcppB-forecast								
	NESM3: historical, ssp245								
	NorCPM1: dcppB-forecast								
	NorESM2-LM: historical, ssp245								
	NorESM2-MM: historical, ssp245								
	TaiESM1: historical, ssp245								
UKESM1-0-LL: historical, ssp245									
Figure 4.2a	<b>CMIP6 data citations</b>								
	ACCESS-ESM1-5: historical, ssp245	Input dataset			Ziehn et al. (2019f, i)				
	AWI-CM-1-1-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Semmler et al. (2018a, b, d, 2019a, b)				
	AWI-ESM-1-1-LR: historical	Input dataset			Danek et al. (2020)				
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2019a, b, c, d)				
	BCC-ESM1: historical	Input dataset			Zhang et al. (2018a)				
	CAMS-CSM1-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Rong (2019b, d, e, f, g, h)				
	CAS-ESM2-0: historical	Input dataset			Chai (2020a)				
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)				



Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.2a (continued)	CESM2-FV2: historical	Input dataset			Danabasoglu (2019h)			
	CESM2-WACCM: historical, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)			
	CESM2-WACCM-FV2: historical	Input dataset			Danabasoglu (2019r)			
	CIESM: historical, ssp126, ssp245, ssp585	Input dataset			Huang (2019a, c, 2020a, b)			
	CMCC-CM2-HR4: historical	Input dataset			Scoccimarro et al. (2020)			
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, d, e, f, g)			
	CNRM-CM6-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, 2019a, b, c, d)			
	CNRM-CM6-1-HR: historical, ssp126	Input dataset			Voltaire (2019f, 2020a)			
	CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b); Voltaire (2019j, k, l, m, o)			
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, h, i, j, k, m)			
	E3SM-1-0: historical	Input dataset			Bader et al. (2019a)			
	E3SM-1-1: historical	Input dataset			Bader et al. (2019c)			
	E3SM-1-1-ECA: historical	Input dataset			Bader et al. (2020b)			
	EC-Earth3: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, e, f, g, h)			
	EC-Earth3-Veg: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, l, m, n, o, p)			
	EC-Earth3-Veg-LR: historical	Input dataset			EC-Earth Consortium (EC-Earth) (2020g)			
	FGOALS-f3-L: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2019a, c, d, e, f)			
	FGOALS-g3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Li (2019b, d, e, f, g, h)			
	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019b, d, e, f)			
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018b, d, e)			
GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			John et al. (2018a, b, c, d, e); Krasting et al. (2018d)				
GISS-E2-1-G: historical, ssp245	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, 2020d)				
GISS-E2-1-G-CC: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019b)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.2a (continued)	GISS-E2-1-H: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019a)			
	HadGEM3-GC31-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good (2019, 2020a, b); Ridley et al. (2019a)			
	HadGEM3-GC31-MM: historical, ssp126, ssp585	Input dataset			Ridley et al. (2019c); Jackson (2020a, b)			
	IITM-ESM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Choudhury et al. (2019); Gopinathan et al. (2020); Narayanasetti et al. (2020); Panickal et al. (2020); Singh et al. (2020)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)			
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, 2019a, b, c, d, f)			
	KACE-1-0-G: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019a, b, c, d, f)			
	KIOST-ESM: historical, ssp126, ssp245, ssp585	Input dataset			Kim et al. (2019a, c, d, e)			
	MCM-UA-1-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019b, d, e, f, g)			
	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019a, b, c, d, e)			
	MIROC6: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019a, b, c, d, f)			
	MPI-ESM-1-2-HAM: historical, ssp370	Input dataset			Neubauer et al. (2019)			
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, c, d)			
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)			
	MRI-ESM2-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, f, g, h, i, k)			
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019b)			
	NorCPM1: historical	Input dataset			Bethke et al. (2019)			
	NorESM2-LM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Seland et al. (2019d, f, g, h, i)			
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.2a (continued)	SAM0-UNICON: historical	Input dataset			Park and Shin (2019)			
	TaiESM1: historical, ssp370, ssp585	Input dataset			Lee and Liang (2020a, e, f)			
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d)			
Figure 4.2b	<b>CMIP6 data citations</b>							
	AWI-CM-1-1-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Semmler et al. (2018a, b, d, 2019a, b)			
	AWI-ESM-1-1-LR: historical	Input dataset			Danek et al. (2020)			
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2019a, b, c, d)			
	BCC-ESM1: historical	Input dataset			Zhang et al. (2018a)			
	CAMS-CSM1-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Rong (2019b, d, e, f, g, h)			
	CAS-ESM2-0: historical	Input dataset			Chai (2020a)			
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)			
	CESM2-FV2: historical	Input dataset			Danabasoglu (2019h)			
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)			
	CESM2-WACCM-FV2: historical	Input dataset			Danabasoglu (2019r)			
	CIESM: historical, ssp126, ssp245, ssp585	Input dataset			Huang (2019a, c, 2020a, b)			
	CMCC-CM2-HR4: historical	Input dataset			Scoccimarro et al. (2020)			
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, d, e, f, g)			
	CNRM-CM6-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, 2019a, b, c, d)			
	CNRM-CM6-1-HR: historical, ssp126, ssp245	Input dataset			Voltaire (2019f, h, 2020a)			
	CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b); Voltaire (2019j, k, l, m, o)			
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, h, i, j, k, m)			
	E3SM-1-0: historical	Input dataset			Bader et al. (2019a)			
	E3SM-1-1: historical	Input dataset			Bader et al. (2019c)			
E3SM-1-1-ECA: historical	Input dataset			Bader et al. (2020b)				
EC-Earth3: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, e, f, g, h)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.2b (continued)	EC-Earth3-Veg: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, l, m, n, o, p)			
	EC-Earth3-Veg-LR: historical	Input dataset			EC-Earth Consortium (EC-Earth) (2020g)			
	FGOALS-f3-L: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2019a, c, d, e, f)			
	FGOALS-g3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Li (2019b, d, e, f, g, h)			
	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019b, d, e, f)			
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018b, d, e)			
	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			John et al. (2018a, b, c, d, e); Krasting et al. (2018d)			
	GISS-E2-1-G: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b)			
	GISS-E2-1-G-CC: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019b)			
	GISS-E2-1-H: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019a)			
	HadGEM3-GC31-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good (2019, 2020a, b); Ridley et al. (2019a)			
	HadGEM3-GC31-MM: historical, ssp126, ssp585	Input dataset			Ridley et al. (2019c); Jackson (2020a, b)			
	IITM-ESM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Choudhury et al. (2019); Gopinathan et al. (2020); Narayanasetti et al. (2020); Panickal et al. (2020); Singh et al. (2020)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)			
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, 2019a, b, c, d, f)			
	KACE-1-0-G: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019a, b, c, d, f)			
	MCM-UA-1-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019b, d, e, f, g)			
	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019a, b, c, d, e)			
	MIROC6: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019a, b, c, d, f)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.2b (continued)	MPI-ESM1-2-HAM: historical, ssp370	Input dataset			Neubauer et al. (2019)				
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, c, d)				
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)				
	MRI-ESM2-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, f, g, h, i, k)				
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019b)				
	NorCPM1: historical	Input dataset			Bethke et al. (2019)				
	NorESM2-LM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Seland et al. (2019d, f, g, h, i)				
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)				
	SAM0-UNICON: historical	Input dataset			Park and Shin (2019)				
	TaiESM1: historical, ssp370, ssp585	Input dataset			Lee and Liang (2020a, e, f)				
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d)				
Figure 4.2c	<b>CMIP6 data citations</b>								
	ACCESS-ESM1-5: historical, ssp245	Input dataset			Ziehn et al. (2019f, i)				
	AWI-ESM-1-1-LR: historical	Input dataset			Danek et al. (2020)				
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2019a, b, c, d)				
	BCC-ESM1: historical	Input dataset			Zhang et al. (2018a)				
	CAMS-CSM1-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Rong (2019b, d, e, f, g, h)				
	CAS-ESM2-0: historical	Input dataset			Chai (2020a)				
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)				
	CESM2-FV2: historical	Input dataset			Danabasoglu (2019h)				
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)				
	CESM2-WACCM-FV2: historical	Input dataset			Danabasoglu (2019r)				
	CIESM: historical, ssp126, ssp245, ssp585	Input dataset			Huang (2019a, c, 2020a, b)				
	CMCC-CM2-HR4: historical	Input dataset			Scoccimarro et al. (2020)				
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, d, e, f, g)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.2c (continued)	CNRM-CM6-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, 2019a, b, c, d)			
	CNRM-CM6-1-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2019f, h, i, 2020a, b)			
	CNRM-ESM2-1: historical, ssp245	Input dataset			Seferian (2018b); Voltaire (2019l)			
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, h, i, j, k, m)			
	E3SM-1-0: historical	Input dataset			Bader et al. (2019a)			
	E3SM-1-1: historical	Input dataset			Bader et al. (2019c)			
	E3SM-1-1-ECA: historical	Input dataset			Bader et al. (2020b)			
	EC-Earth3: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, e, f, g, h)			
	EC-Earth3-Veg: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, l, m, n, o, p)			
	EC-Earth3-Veg-LR: historical	Input dataset			EC-Earth Consortium (EC-Earth) (2020g)			
	FGOALS-f3-L: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2019a, c, d, e, f)			
	FGOALS-g3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Li (2019b, d, e, f, g, h)			
	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019b, d, e, f)			
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018b, d, e)			
	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			John et al. (2018a, b, c, d, e); Krasting et al. (2018d)			
	GISS-E2-1-H: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019a)			
	HadGEM3-GC31-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good (2019, 2020a, b); Ridley et al. (2019a)			
	HadGEM3-GC31-MM: historical, ssp126, ssp585	Input dataset			Ridley et al. (2019c); Jackson (2020a, b)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)			
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, 2019a, b, c, d, f)			
	KIOST-ESM: historical, ssp126, ssp245, ssp585	Input dataset			Kim et al. (2019a, c, d, e)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.2c (continued)	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019a, b, c, d, e)			
	MIROC6: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019a, b, c, d, f)			
	MPI-ESM-1-2-HAM: historical, ssp370	Input dataset			Neubauer et al. (2019)			
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, c, d)			
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)			
	MRI-ESM2-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, f, g, h, i, k)			
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019b)			
	NorCPM1: historical	Input dataset			Bethke et al. (2019)			
	NorESM2-LM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Seland et al. (2019d, f, g, h, i)			
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)			
	SAM0-UNICON: historical	Input dataset			Park and Shin (2019)			
	TaiESM1: historical, ssp370	Input dataset			Lee and Liang (2020a, e)			
UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d)				
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 4.3a	<b>CMIP6 data citations</b>							
	ACCESS-ESM1-5: esm-ssp585, esm-hist	Input dataset			Ziehn et al. (2019a, e)			
	BCC-CSM2-MR: esm-ssp585, esm-hist	Input dataset			Wu et al. (2018a, 2019)			
	CNRM-ESM2-1: esm-ssp585, esm-hist	Input dataset			Seferian (2019b, 2020)			
	CanESM5: esm-ssp585, esm-hist	Input dataset			Swart et al. (2019a, e)			
	GFDL-ESM4: esm-ssp585, esm-hist	Input dataset			Krasting et al. (2018a, c)			
	MIROC-ES2L: esm-ssp585, esm-hist	Input dataset			Hajima et al. (2020a, b)			
	MPI-ESM1-2-LR: esm-ssp585, esm-hist	Input dataset			Brovkin et al. (2019); Wieners et al. (2019f)			
	MRI-ESM2-0: esm-ssp585, esm-hist	Input dataset			Yukimoto et al. (2019a, c)			
	NorESM2-LM: esm-ssp585, esm-hist	Input dataset			Seland et al. (2019c); Schwinger et al. (2020)			
UKESM1-0-LL: esm-ssp585, esm-hist	Input dataset			Jones (2019); Tang et al. (2019c)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.3b	<b>CMIP6 data citations</b>								
	ACCESS-ESM1-5: esm-ssp585, esm-hist, historical, ssp585	Input dataset			Ziehn et al. (2019a, e, f, k)				
	BCC-CSM2-MR: esm-ssp585, esm-hist, historical, ssp585	Input dataset			Wu et al. (2018a, b, 2019); Xin et al. (2019d)				
	CNRM-ESM2-1: esm-ssp585, esm-hist, historical, ssp585	Input dataset			Seferian (2018b, 2019b, 2020); Voltaire (2019o)				
	CanESM5: esm-ssp585, esm-hist, historical, ssp585	Input dataset			Swart et al. (2019a, e, f, m)				
	GFDL-ESM4: esm-ssp585, esm-hist, historical, ssp585	Input dataset			John et al. (2018e); Krasting et al. (2018a, c, d)				
	MIROC-ES2L: esm-ssp585, esm-hist, historical, ssp585	Input dataset			Hajima et al. (2019c, 2020a, b); Tachiiri et al. (2019e)				
	MPI-ESM1-2-LR: esm-ssp585, esm-hist, historical, ssp585	Input dataset			Brovkin et al. (2019); Wieners et al. (2019d, f, g)				
	MRI-ESM2-0: esm-ssp585, esm-hist, historical, ssp585	Input dataset			Yukimoto et al. (2019a, c, d, k)				
	NorESM2-LM: esm-ssp585, esm-hist, historical, ssp585	Input dataset			Seland et al. (2019c, d, i); Schwinger et al. (2020)				
	UKESM1-0-LL: esm-ssp585, esm-hist, historical, ssp585	Input dataset			Good et al. (2019f); Jones (2019); Tang et al. (2019c, d)				
Figure 4.4a, b	<b>CMIP6 data citations</b>								
	AWI-CM-1-1-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Semmler et al. (2018a, b, d, 2019a, b)				
	AWI-ESM-1-1-LR: historical	Input dataset			Danek et al. (2020)				
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2019a, b, c, d)				
	BCC-ESM1: historical	Input dataset			Zhang et al. (2018a)				
	CAMS-CSM1-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Rong (2019b, d, e, f, g, h)				
	CAS-ESM2-0: historical	Input dataset			Chai (2020a)				
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)				
	CESM2-FV2: historical	Input dataset			Danabasoglu (2019h)				
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)				
	CESM2-WACCM-FV2: historical	Input dataset			Danabasoglu (2019r)				
CIesm: historical, ssp126, ssp245, ssp585	Input dataset			Huang (2019a, c, 2020a, b)					

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.4a, b (continued)	CMCC-CM2-HR4: historical	Input dataset			Scoccimarro et al. (2020)			
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, d, e, f, g)			
	CNRM-CM6-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, 2019a, b, c, d)			
	CNRM-CM6-1-HR: historical, ssp126, ssp245	Input dataset			Voltaire (2019f, h, 2020a)			
	CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b); Voltaire (2019j, k, l, m, o)			
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, h, i, j, k, m)			
	E3SM-1-0: historical	Input dataset			Bader et al. (2019a)			
	E3SM-1-1: historical	Input dataset			Bader et al. (2019c)			
	E3SM-1-1-ECA: historical	Input dataset			Bader et al. (2020b)			
	EC-Earth3: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, e, f, g, h)			
	EC-Earth3-Veg: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, l, m, n, o, p)			
	EC-Earth3-Veg-LR: historical	Input dataset			EC-Earth Consortium (EC-Earth) (2020g)			
	FGOALS-f3-L: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2019a, c, d, e, f)			
	FGOALS-g3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Li (2019b, d, e, f, g, h)			
	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019b, d, e, f)			
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018b, d, e)			
	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			John et al. (2018a, b, c, d, e); Krasting et al. (2018d)			
	GISS-E2-1-G: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b)			
	GISS-E2-1-G-CC: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019b)			
	GISS-E2-1-H: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019a)			
HadGEM3-GC31-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good (2019, 2020a, b); Ridley et al. (2019a)				
HadGEM3-GC31-MM: historical, ssp126, ssp585	Input dataset			Ridley et al. (2019c); Jackson (2020a, b)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.4a, b (continued)	IITM-ESM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Choudhury et al. (2019); Gopinathan et al. (2020); Narayanasetti et al. (2020); Panickal et al. (2020); Singh et al. (2020)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)			
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, 2019a, b, c, d, f)			
	KACE-1-0-G: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019a, b, c, d, f)			
	MCM-UA-1-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019b, d, e, f, g)			
	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019a, b, c, d, e)			
	MIROC6: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019a, b, c, d, f)			
	MPI-ESM-1-2-HAM: historical, ssp370	Input dataset			Neubauer et al. (2019)			
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, c, d)			
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)			
	MRI-ESM2-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, f, g, h, i, k)			
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019b)			
	NorCPM1: historical	Input dataset			Bethke et al. (2019)			
	NorESM2-LM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Seland et al. (2019d, f, g, h, i)			
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)			
	SAM0-UNICON: historical	Input dataset			Park and Shin (2019)			
	TaiESM1: historical, ssp370, ssp585	Input dataset			Lee and Liang (2020a, e, f)			
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d)			
Code for Figure 4.4a,b	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.5	AMOC change	Input dataset					Sigmond et al. (2018)	
	Code for Figure 4.5	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)	
Figure 4.6	<b>CMIP6 data citations</b>							
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)			
	CESM2-FV2: historical	Input dataset			Danabasoglu (2019h)			
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)			
	CESM2-WACCM-FV2: historical	Input dataset			Danabasoglu (2019r)			
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, h, i, j, k, m)			
	E3SM-1-0: historical	Input dataset			Bader et al. (2019a)			
	E3SM-1-1: historical	Input dataset			Bader et al. (2019c)			
	E3SM-1-1-ECA: historical	Input dataset			Bader et al. (2020b)			
	FGOALS-f3-L: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2019a, c, d, e, f)			
	FGOALS-g3: historical, ssp119, ssp126, ssp370, ssp585	Input dataset			Li (2019b, d, e, g, h)			
	GISS-E2-1-G: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, 2020b, c, d, e, g)			
	GISS-E2-1-G-CC: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019b)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)			
	MIROC6: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019b, c, d, f)			
	MPI-ESM-1-2-HAM: historical, ssp370	Input dataset			Neubauer et al. (2019)			
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, c, d)			
MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.6 (continued)	MRI-ESM2-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, f, g, h, i, k)				
	NorCPM1: historical	Input dataset			Bethke et al. (2019)				
	NorESM2-LM: historical	Input dataset			Seland et al. (2019d)				
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)				
	SAM0-UNICON: historical	Input dataset			Park and Shin (2019)				
	Code for Figure 4.6	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.7a	<b>CMIP6 data citations</b>								
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2019a, b, c, d)				
	BCC-ESM1: historical	Input dataset			Zhang et al. (2018a)				
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)				
	CESM2-FV2: historical	Input dataset			Danabasoglu (2019h)				
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)				
	CESM2-WACCM-FV2: historical	Input dataset			Danabasoglu (2019r)				
	CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b); Voltaire (2019j, k, l, m, o)				
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, h, i, j, k, m)				
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018b, d, e)				
	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			John et al. (2018a, b, c, d, e); Krasting et al. (2018d)				
	GISS-E2-1-G-CC: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019b)				
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)				
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)				
IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, 2019a, b, c, d, f)					

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.7a (continued)	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019a, b, c, d, e)				
	MPI-ESM-1-2-HAM: historical, ssp370	Input dataset			Neubauer et al. (2019)				
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, c, d)				
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)				
	NorCPM1: historical	Input dataset			Bethke et al. (2019)				
	NorESM2-LM: historical, ssp126	Input dataset			Seland et al. (2019d, f)				
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)				
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d)				
	Code for Figure 4.7a	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.7b	<b>CMIP6 data citations</b>								
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)				
	CESM2-FV2: historical	Input dataset			Danabasoglu (2019h)				
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)				
	CESM2-WACCM-FV2: historical	Input dataset			Danabasoglu (2019r)				
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, d, e, f, g)				
	CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b); Voltaire (2019j, k, l, m, o)				
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, h, i, j, k, m)				
	E3SM-1-1: historical	Input dataset			Bader et al. (2019c)				
	E3SM-1-1-ECA: historical	Input dataset			Bader et al. (2020b)				
	EC-Earth3-Veg: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, l, m, n, o, p)				
GFDL-ESM4: historical, ssp126, ssp370	Input dataset			John et al. (2018b, d); Krasting et al. (2018d)					

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.7b <i>(continued)</i>	GISS-E2-1-G-CC: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019b)				
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)				
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)				
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, 2019a, b, c, d, f)				
	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019a, b, c, d, e)				
	MPI-ESM-1-2-HAM: historical, ssp370	Input dataset			Neubauer et al. (2019)				
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)				
	NorCPM1: historical	Input dataset			Bethke et al. (2019)				
	NorESM2-LM: historical, ssp126, ssp245, ssp585	Input dataset			Seland et al. (2019d, f, g, i)				
	NorESM2-MM: historical, ssp126, ssp245	Input dataset			Bentsen et al. (2019b, d, e)				
	SAM0-UNICON: historical	Input dataset			Park and Shin (2019)				
	TaiESM1: historical, ssp370, ssp585	Input dataset			Lee and Liang (2020a, e, f)				
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d)				
	Code for Figure 4.7b	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.8	<b>CMIP6 data citations</b>								
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)				
	CESM2-FV2: historical	Input dataset			Danabasoglu (2019h)				
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)				
	CESM2-WACCM-FV2: historical	Input dataset			Danabasoglu (2019r)				
	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			John et al. (2018a, b, c, d, e); Krasting et al. (2018d)				
GISS-E2-1-G-CC: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019b)					



Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.8 (continued)	IPSL-CM6A-LR: ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2019b, c, d, f)				
	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019a, b, c, d, e)				
	NorESM2-LM: historical	Input dataset			Seland et al. (2019d)				
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)				
	Code for Figure 4.8	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.9	<b>CMIP6 data citations</b>								
	AWI-CM-1-1-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Semmler et al. (2018a, b, d, 2019a, b)				
	AWI-ESM-1-1-LR: historical	Input dataset			Danek et al. (2020)				
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2019a, b, c, d)				
	BCC-ESM1: historical	Input dataset			Zhang et al. (2018a)				
	CAMS-CSM1-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Rong (2019b, d, e, f, g, h)				
	CAS-ESM2-0: historical	Input dataset			Chai (2020a)				
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)				
	CESM2-FV2: historical	Input dataset			Danabasoglu (2019h)				
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)				
	CESM2-WACCM-FV2: historical	Input dataset			Danabasoglu (2019r)				
	CIesm: historical, ssp126, ssp245, ssp585	Input dataset			Huang (2019a, c, 2020a, b)				
	CMCC-CM2-HR4: historical	Input dataset			Soccimarro et al. (2020)				
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, d, e, f, g)				
	CNRM-CM6-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, 2019a, b, c, d)				
	CNRM-CM6-1-HR: historical, ssp126	Input dataset			Voltaire (2019f, 2020a)				
CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b); Voltaire (2019j, k, l, m, o)					

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.9 (continued)	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, h, i, j, k, m)			
	E3SM-1-0: historical	Input dataset			Bader et al. (2019a)			
	E3SM-1-1: historical	Input dataset			Bader et al. (2019c)			
	E3SM-1-1-ECA: historical	Input dataset			Bader et al. (2020b)			
	EC-Earth3: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, e, f, g, h)			
	EC-Earth3-Veg: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, l, m, n, o, p)			
	EC-Earth3-Veg-LR: historical	Input dataset			EC-Earth Consortium (EC-Earth) (2020g)			
	FGOALS-f3-L: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2019a, c, d, e, f)			
	FGOALS-g3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Li (2019b, d, e, f, g, h)			
	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019b, d, e, f)			
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018b, d, e)			
	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			John et al. (2018a, b, c, d, e); Krasting et al. (2018d)			
	GISS-E2-1-G: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b)			
	GISS-E2-1-G-CC: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019b)			
	GISS-E2-1-H: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019a)			
	HadGEM3-GC31-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good (2019, 2020a, b); Ridley et al. (2019a)			
	HadGEM3-GC31-MM: historical, ssp126, ssp585	Input dataset			Ridley et al. (2019c); Jackson (2020a, b)			
	IITM-ESM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Choudhury et al. (2019); Gopinathan et al. (2020); Narayanasetti et al. (2020); Panickal et al. (2020); Singh et al. (2020)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)			
IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, 2019a, b, c, d, f)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.9 (continued)	KACE-1-0-G: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019a, b, c, d, f)			
	KIOST-ESM: historical, ssp126, ssp245, ssp585	Input dataset			Kim et al. (2019a, c, d, e)			
	MCM-UA-1-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019b, d, e, f, g)			
	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019a, b, c, d, e)			
	MIROC6: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019a, b, c, d, f)			
	MPI-ESM-1-2-HAM: historical, ssp370	Input dataset			Neubauer et al. (2019)			
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, c, d)			
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)			
	MRI-ESM2-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, f, g, h, i, k)			
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019b)			
	NorCPM1: historical	Input dataset			Bethke et al. (2019)			
	NorESM2-LM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Seland et al. (2019d, f, g, h, i)			
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)			
	SAM0-UNICON: historical	Input dataset			Park and Shin (2019)			
	TaiESM1: historical, ssp370, ssp585	Input dataset			Lee and Liang (2020a, e, f)			
UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d)				
Code for Figure 4.9	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.10a	<b>CMIP6 data citations</b>							
	ACCESS-CM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Dix et al. (2019b, d, e, f, g)			
	ACCESS-ESM1-5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Ziehn et al. (2019f, h, i, j, k)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.10a (continued)	AWI-CM-1-1-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Semmler et al. (2018a, b, d, 2019a, b)			
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2019a, b, c, d)			
	CAMS-CSM1-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Rong (2019b, d, e, f, g, h)			
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)			
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)			
	CIESM: historical, ssp126, ssp245, ssp585	Input dataset			Huang (2019a, c, 2020a, b)			
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, d, e, f, g)			
	CNRM-CM6-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, 2019a, b, c, d)			
	CNRM-CM6-1-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2019f, h, i, 2020a, b)			
	CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b); Voltaire (2019j, k, l, m, o)			
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, h, i, j, k, m)			
	CanESM5-CanOE: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019o, q, r, s, t)			
	E3SM-1-1: historical, ssp585	Input dataset			Bader et al. (2019c, 2020a)			
	EC-Earth3: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, e, f, g, h)			
	EC-Earth3-AerChem: historical, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, e)			
	EC-Earth3-Veg: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, l, m, n, o, p)			
	EC-Earth3-Veg-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020g, i, j, k, l, m)			
	FGOALS-f3-L: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2019a, c, d, e, f)			
	FGOALS-g3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Li (2019b, d, e, f, g, h)			
	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019b, d, e, f)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.10a (continued)	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018b, d, e)			
	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			John et al. (2018a, b, c, d, e); Krasting et al. (2018d)			
	GISS-E2-1-G: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, 2020b, c, d, e, g)			
	HadGEM3-GC31-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good (2019, 2020a, b); Ridley et al. (2019a)			
	HadGEM3-GC31-MM: historical, ssp126, ssp585	Input dataset			Ridley et al. (2019c); Jackson (2020a, b)			
	IITM-ESM: historical, ssp126, ssp245, ssp585	Input dataset			Choudhury et al. (2019); Narayanasetti et al. (2020); Panickal et al. (2020); Singh et al. (2020)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)			
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, 2019a, b, c, d, f)			
	KACE-1-0-G: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019a, b, c, d, f)			
	KIOST-ESM: historical, ssp126, ssp245, ssp585	Input dataset			Kim et al. (2019a, c, d, e)			
	MCM-UA-1-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019b, d, e, f, g)			
	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019a, b, c, d, e)			
	MIROC6: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019a, b, c, d, f)			
	MPI-ESM-1-2-HAM: historical, ssp370	Input dataset			Neubauer et al. (2019)			
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, c, d)			
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)			
	MRI-ESM2-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, f, g, h, i, k)			
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019b)			
	NorESM2-LM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Seland et al. (2019d, f, g, h, i)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.10a <i>(continued)</i>	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)				
	TaiESM1: historical, ssp370, ssp585	Input dataset			Lee and Liang (2020a, e, f)				
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d)				
	Code for Figure 4.10a	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.10b	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Dix et al. (2019b, d, e, f, g)				
	ACCESS-ESM1-5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Ziehn et al. (2019f, h, i, j, k)				
	AWI-CM-1-1-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Semmler et al. (2018a, b, d, 2019a, b)				
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2019a, b, c, d)				
	CAMS-CSM1-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Rong (2019b, d, e, f, g, h)				
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)				
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)				
	CIESM: historical, ssp126, ssp245, ssp585	Input dataset			Huang (2019a, c, 2020a, b)				
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, d, e, f, g)				
	CNRM-CM6-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, 2019a, b, c, d)				
	CNRM-CM6-1-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2019f, h, i, 2020a, b)				
	CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b); Voltaire (2019j, k, l, m, o)				
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, h, i, j, k, m)				
	CanESM5-CanOE: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019o, q, r, s, t)				
E3SM-1-1: historical, ssp585	Input dataset			Bader et al. (2019c, 2020a)					



Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.10b (continued)	EC-Earth3: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, e, f, g, h)			
	EC-Earth3-AerChem: historical, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, e)			
	EC-Earth3-Veg: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, l, m, n, o, p)			
	EC-Earth3-Veg-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020g, i, j, k, l, m)			
	FGOALS-f3-L: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2019a, c, d, e, f)			
	FGOALS-g3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Li (2019b, d, e, f, g, h)			
	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019b, d, e, f)			
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018b, d, e)			
	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			John et al. (2018a, b, c, d, e); Krasting et al. (2018d)			
	GISS-E2-1-G: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, 2020b, c, d, e, g)			
	HadGEM3-GC31-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good (2019, 2020a, b); Ridley et al. (2019a)			
	HadGEM3-GC31-MM: historical, ssp126, ssp585	Input dataset			Ridley et al. (2019c); Jackson (2020a, b)			
	IITM-ESM: historical, ssp126, ssp245, ssp585	Input dataset			Choudhury et al. (2019); Narayanasetti et al. (2020); Panickal et al. (2020); Singh et al. (2020)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)			
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, 2019a, b, c, d, f)			
	KACE-1-0-G: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019a, b, c, d, f)			
MCM-UA-1-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019b, d, e, f, g)				
MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019a, b, c, d, e)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.10b (continued)	MIROC6: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019a, b, c, d, f)				
	MPI-ESM-1-2-HAM: historical, ssp370	Input dataset			Neubauer et al. (2019)				
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, c, d)				
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)				
	MRI-ESM2-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, f, g, h, i, k)				
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019b)				
	NorESM2-LM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Seland et al. (2019d, f, g, h, i)				
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)				
	TaiESM1: historical, ssp370, ssp585	Input dataset			Lee and Liang (2020a, e, f)				
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d)				
Code for Figure 4.10b	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)			
Figure 4.11	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, piControl, ssp126, ssp370	Input dataset			Dix et al. (2019b, c, d, f)				
	ACCESS-ESM1-5: historical, piControl, ssp126, ssp370	Input dataset			Ziehn et al. (2019f, g, h, j)				
	AWI-CM-1-1-MR: historical, piControl, ssp126, ssp370	Input dataset			Semmler et al. (2018a, d, e, 2019a)				
	BCC-CSM2-MR: historical, piControl, ssp126, ssp370	Input dataset			Wu et al. (2018b, c); Xin et al. (2019a, c)				
	CAMS-CSM1-0: historical, piControl, ssp126, ssp370	Input dataset			Rong (2019b, c, e, g)				
	CAS-ESM2-0: historical, piControl, ssp126, ssp370	Input dataset			Chai (2020a, b)				
	CESM2: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019c, d, f); Danabasoglu et al. (2019)				
CESM2-WACCM: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019k, l, m, o)					

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.11 (continued)	CIESM: historical, piControl, ssp126	Input dataset			Huang (2019a, b, c)			
	CMCC-CM2-SR5: historical, piControl, ssp126, ssp370	Input dataset			Lovato and Peano (2020b, c, d, f)			
	CNRM-CM6-1: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2018a, b, 2019a, c)			
	CNRM-CM6-1-HR: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2019f, g, 2020a, b)			
	CNRM-ESM2-1: historical, piControl, ssp126, ssp370	Input dataset			Seferian (2018b, c); Voltaire (2019k, m)			
	EC-Earth3: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, e, g)			
	EC-Earth3-Veg: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, m, o)			
	FGOALS-f3-L: historical, piControl, ssp126, ssp370	Input dataset			Yu (2019a, b, c, e)			
	FGOALS-g3: historical, piControl, ssp370, ssp126	Input dataset			Li (2019a, b, c, e)			
	GFDL-ESM4: historical, piControl, ssp126, ssp370	Input dataset			John et al. (2018b, d); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp126, ssp370	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020c, e)			
	HadGEM3-GC31-LL: historical, piControl, ssp126	Input dataset			Ridley et al. (2018b, 2019a); Good (2020a)			
	IITM-ESM: historical, piControl, ssp126, ssp370	Input dataset			Choudhury et al. (2019); Narayanasetti et al. (2019, 2020); Gopinathan et al. (2020)			
	INM-CM4-8: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019b, c, d, f)			
	INM-CM5-0: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019i, j, k, m)			
	IPSL-CM6A-LR: historical, piControl, ssp126, ssp370	Input dataset			Boucher et al. (2018b, c, 2019b, d)			
	KACE-1-0-G: historical, piControl, ssp126, ssp370	Input dataset			Byun et al. (2019a, c, f, g)			
	MCM-UA-1-0: historical, piControl, ssp126, ssp370	Input dataset			Stouffer (2019b, c, d, f)			
MIROC6: historical, piControl, ssp126, ssp370	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019b, d)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.11 (continued)	MIROC-ES2L: historical, piControl, ssp126, ssp370	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019b, d)				
	MPI-ESM1-2-HR: historical, piControl, ssp126, ssp370	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019a, c)				
	MPI-ESM1-2-LR: historical, piControl, ssp126, ssp370	Input dataset			Wieners et al. (2019a, c, g, h)				
	NorESM2-LM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Seland et al. (2019d, f, g, h, i)				
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)				
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d)				
	Code for Figure 4.11	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ ESMValGroup/ ESMValTool-AR6- OriginalCode- FinalFigures</a>  <a href="https://github.com/IPCC-WG1/Chapter-4_Figure4.11">https://github. com/IPCC-WG1/ Chapter-4_Figure4.11</a>	(Bock et al., 2020)		
Figure 4.12	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, piControl, ssp126, ssp370	Input dataset			Dix et al. (2019b, c, d, f)				
	ACCESS-ESM1-5: historical, piControl, ssp126, ssp370	Input dataset			Ziehn et al. (2019f, g, h, j)				
	AWI-CM-1-1-MR: historical, piControl, ssp126, ssp370	Input dataset			Semmler et al. (2018a, d, e, 2019a)				
	BCC-CSM2-MR: historical, piControl, ssp126, ssp370	Input dataset			Wu et al. (2018b, c); Xin et al. (2019a, c)				
	BCC-ESM1: ssp370, historical, piControl	Input dataset			Zhang et al. (2018a, b, 2019a)				
	CAMS-CSM1-0: historical, piControl, ssp126, ssp370	Input dataset			Rong (2019b, c, e, g)				
	CAS-ESM2-0: historical, piControl, ssp126, ssp370	Input dataset			Chai (2020a, b)				
	CESM2: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019c, d, f); Danabasoglu et al. (2019)				
	CESM2-WACCM: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019k, l, m, o)				
CIesm: historical, piControl, ssp126	Input dataset			Huang (2019a, b, c)					

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.12 (continued)	CMCC-CM2-SR5: historical, piControl, ssp126, ssp370	Input dataset			Lovato and Peano (2020b, c, d, f)			
	CMCC-ESM2: historical, piControl, ssp126, ssp370	Input dataset			Lovato et al. (2021a, b, c, d)			
	CNRM-CM6-1: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2018a, b, 2019a, c)			
	CNRM-CM6-1-HR: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2019f, g, 2020a, b)			
	CNRM-ESM2-1: historical, piControl, ssp126, ssp370	Input dataset			Seferian (2018b, c); Voltaire (2019k, m)			
	CanESM5: historical, piControl, ssp126, ssp370	Input dataset			Swart et al. (2019f, g, i, k)			
	CanESM5-CanOE: historical, piControl, ssp126, ssp370	Input dataset			Swart et al. (2019o, p, q, s)			
	EC-Earth3: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, e, g)			
	EC-Earth3-AerChem: historical, piControl, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, d, e)			
	EC-Earth3-Veg: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, m, o)			
	FGOALS-f3-L: historical, piControl, ssp126, ssp370	Input dataset			Yu (2019a, b, c, e)			
	FGOALS-g3: historical, piControl, ssp370, ssp126	Input dataset			Li (2019a, b, c, e)			
	GFDL-ESM4: historical, piControl, ssp126, ssp370	Input dataset			John et al. (2018b, d); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp126, ssp370	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020c, e)			
	HadGEM3-GC31-LL: historical, piControl, ssp126	Input dataset			Ridley et al. (2018b, 2019a); Good (2020a)			
	HadGEM3-GC31-MM: historical, piControl, ssp126	Input dataset			Ridley et al. (2019c, d); Jackson (2020a)			
	IITM-ESM: historical, piControl, ssp126, ssp370	Input dataset			Choudhury et al. (2019); Narayanasetti et al. (2019, 2020); Gopinathan et al. (2020)			
INM-CM4-8: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019b, c, d, f)				
INM-CM5-0: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019j, j, k, m)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.12 (continued)	IPSL-CM6A-LR: historical, piControl, ssp126, ssp370	Input dataset			Boucher et al. (2018b, c, 2019b, d)			
	KACE-1-0-G: historical, piControl, ssp126, ssp370	Input dataset			Byun et al. (2019a, c, f, g)			
	MCM-UA-1-0: historical, piControl, ssp126, ssp370	Input dataset			Stouffer (2019b, c, d, f)			
	MIROC-ES2L: historical, piControl, ssp126, ssp370	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019b, d)			
	MIROC6: historical, piControl, ssp126, ssp370	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019b, d)			
	MPI-ESM1-2-HR: historical, piControl, ssp126, ssp370	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019a, c)			
	MPI-ESM1-2-LR: historical, piControl, ssp126, ssp370	Input dataset			Wieners et al. (2019a, c, g, h)			
	MRI-ESM2-0: historical, piControl, ssp126, ssp370	Input dataset			Yukimoto et al. (2019d, e, g, i)			
	NESM3: historical, piControl, ssp126	Input dataset			Cao (2019a); Cao and Wang (2019b, c)			
	NorESM2-MM: historical, piControl, ssp126, ssp370	Input dataset			Bentsen et al. (2019b, c, d, f)			
	TaiESM1: historical, piControl, ssp126, ssp370	Input dataset			Lee and Liang (2020a, b, c, e)			
	UKESM1-0-LL: historical, piControl, ssp126, ssp370	Input dataset			Good et al. (2019b, d); Tang et al. (2019d, e)			
	Code for Figure 4.12	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)	
Figure 4.13	<b>CMIP6 data citations</b>							
	ACCESS-CM2: historical, piControl, ssp126, ssp370	Input dataset			Dix et al. (2019b, c, d, f)			
	ACCESS-ESM1-5: historical, piControl, ssp126, ssp370	Input dataset			Ziehn et al. (2019f, g, h, j)			
	AWI-CM-1-1-MR: historical, piControl, ssp126, ssp370	Input dataset			Semmler et al. (2018a, d, e, 2019a)			
	BCC-CSM2-MR: historical, piControl, ssp126, ssp370	Input dataset			Wu et al. (2018b, c); Xin et al. (2019a, c)			
	BCC-ESM1: ssp370, historical, piControl	Input dataset			Zhang et al. (2018a, b, 2019a)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.13 (continued)	CAMS-CSM1-0: historical, piControl, ssp126, ssp370	Input dataset			Rong (2019b, c, e, g)			
	CAS-ESM2-0: historical, piControl, ssp126, ssp370	Input dataset			Chai (2020a, b)			
	CESM2: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019c, d, f); Danabasoglu et al. (2019)			
	CESM2-WACCM: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019k, l, m, o)			
	CIESM: historical, piControl, ssp126	Input dataset			Huang (2019a, b, c)			
	CMCC-CM2-SR5: historical, piControl, ssp126, ssp370	Input dataset			Lovato and Peano (2020b, c, d, f)			
	CMCC-ESM2: historical, piControl, ssp126, ssp370	Input dataset			Lovato et al. (2021a, b, c, d)			
	CNRM-CM6-1: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2018a, b, 2019a, c)			
	CNRM-CM6-1-HR: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2019f, g, 2020a, b)			
	CNRM-ESM2-1: historical, piControl, ssp126, ssp370	Input dataset			Seferian (2018b, c); Voltaire (2019k, m)			
	CanESM5: historical, piControl, ssp126, ssp370	Input dataset			Swart et al. (2019f, g, i, k)			
	CanESM5-CanOE: historical, piControl, ssp126, ssp370	Input dataset			Swart et al. (2019o, p, q, s)			
	EC-Earth3: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, e, g)			
	EC-Earth3-AerChem: historical, piControl, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, d, e)			
	EC-Earth3-Veg: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, m, o)			
	FGOALS-f3-L: historical, piControl, ssp126, ssp370	Input dataset			Yu (2019a, b, c, e)			
	FGOALS-g3: historical, piControl, ssp370, ssp126	Input dataset			Li (2019a, b, c, e)			
	GFDL-ESM4: historical, piControl, ssp126, ssp370	Input dataset			John et al. (2018b, d); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp126, ssp370	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020c, e)			
	HadGEM3-GC31-LL: historical, piControl, ssp126	Input dataset			Ridley et al. (2018b, 2019a); Good (2020a)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.13 (continued)	HadGEM3-GC31-MM: historical, piControl, ssp126	Input dataset			Ridley et al. (2019c, d); Jackson (2020a)			
	IITM-ESM: historical, piControl, ssp126, ssp370	Input dataset			Choudhury et al. (2019); Narayanasetti et al. (2019, 2020); Gopinathan et al. (2020)			
	INM-CM4-8: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019b, c, d, f)			
	INM-CM5-0: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019i, j, k, m)			
	IPSL-CM6A-LR: historical, piControl, ssp126, ssp370	Input dataset			Boucher et al. (2018b, c, 2019b, d)			
	KACE-1-0-G: historical, piControl, ssp126, ssp370	Input dataset			Byun et al. (2019a, c, f, g)			
	MCM-UA-1-0: historical, piControl, ssp126, ssp370	Input dataset			Stouffer (2019b, c, d, f)			
	MIROC-ES2L: historical, piControl, ssp126, ssp370	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019b, d)			
	MIROC6: historical, piControl, ssp126, ssp370	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019b, d)			
	MPI-ESM1-2-HR: historical, piControl, ssp126, ssp370	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019a, c)			
	MPI-ESM1-2-LR: historical, piControl, ssp126, ssp370	Input dataset			Wieners et al. (2019a, c, g, h)			
	MRI-ESM2-0: historical, piControl, ssp126, ssp370	Input dataset			Yukimoto et al. (2019d, e, g, i)			
	NESM3: historical, piControl, ssp126	Input dataset			Cao (2019a); Cao and Wang (2019b, c)			
	NorESM2-MM: historical, piControl, ssp126, ssp370	Input dataset			Bentsen et al. (2019b, c, d, f)			
	TaiESM1: historical, piControl, ssp126, ssp370	Input dataset			Lee and Liang (2020a, b, c, e)			
	UKESM1-0-LL: historical, piControl, ssp126, ssp370	Input dataset			Good et al. (2019b, d); Tang et al. (2019d, e)			
	Code for Figure 4.13	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)	

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.14a	<b>CMIP6 data citations</b>							
	ACCESS-CM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Dix et al. (2019a, b)			
	ACCESS-ESM1-5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Ziehn et al. (2019c, f)			
	AWI-CM-1-1-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Semmler et al. (2018c, d)			
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2018)			
	CAMS-CSM1-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Rong (2019a, b)			
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019j, k)			
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020a, b)			
	CNRM-CM6-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, c)			
	CNRM-CM6-1-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2019e, f)			
	CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018a, b)			
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019c, f)			
	CanESM5-CanOE: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019n, o)			
	E3SM-1-1: historical, ssp585	Input dataset			Bader et al. (2019b, c)			
	EC-Earth3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019a, b)			
	EC-Earth3-Veg: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019i, j)			
	EC-Earth3-Veg-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020f, g)			
	FGOALS-f3-L: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2018, 2019a)			
	FGOALS-g3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Li (2019a, b)			
FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019a, b)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.14a (continued)	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018a, b)			
	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Krasting et al. (2018b, d)			
	GISS-E2-1-G: historical, ssp119, ssp126, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018a, b)			
	HadGEM3-GC31-LL: historical, ssp126, ssp245, ssp585	Input dataset			Ridley et al. (2018a, 2019a)			
	HadGEM3-GC31-MM: historical, ssp126, ssp585	Input dataset			Ridley et al. (2019b, c)			
	IITM-ESM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Choudhury et al. (2019); Panickal et al. (2019)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019a, b)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019h, i)			
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018a, b)			
	KACE-1-0-G: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019e, f)			
	MCM-UA-1-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019a, b)			
	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019a, c)			
	MIROC6: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018a, b)			
	MPI-ESM1-2-HR: ssp126, ssp245, ssp370, ssp585, historical	Input dataset			Jungclaus et al. (2019a)			
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019e, g)			
	MRI-ESM2-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019b, d)			
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao and Wang (2019a, b)			
	NorESM2-LM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Seland et al. (2019a, d)			
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019a, b)			
	TaiESM1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lee and Liang (2019, 2020a)			
UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tang et al. (2019a, d)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.14b	<b>CMIP6 data citations</b>							
	ACCESS-CM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Dix et al. (2019a, b)			
	ACCESS-ESM1-5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Ziehn et al. (2019c, f)			
	AWI-CM-1-1-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Semmler et al. (2018c, d)			
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2018)			
	CAMS-CSM1-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Rong (2019a, b)			
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019j, k)			
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020a, b)			
	CNRM-CM6-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, c)			
	CNRM-CM6-1-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2019e, f)			
	CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018a, b)			
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019c, f)			
	CanESM5-CanOE: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019n, o)			
	E3SM-1-1: historical, ssp585	Input dataset			Bader et al. (2019b, c)			
	EC-Earth3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019a, b)			
	EC-Earth3-Veg: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019i, j)			
	EC-Earth3-Veg-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020f, g)			
	FGOALS-f3-L: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2018, 2019a)			
	FGOALS-g3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Li (2019a, b)			
	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019a, b)			
GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018a, b)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.14b (continued)	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Krasting et al. (2018b, d)			
	GISS-E2-1-G: historical, ssp119, ssp126, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018a, b)			
	HadGEM3-GC31-LL: historical, ssp126, ssp245, ssp585	Input dataset			Ridley et al. (2018a, 2019a)			
	HadGEM3-GC31-MM: historical, ssp126, ssp585	Input dataset			Ridley et al. (2019b, c)			
	IITM-ESM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Choudhury et al. (2019); Panickal et al. (2019)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019a, b)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019h, i)			
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018a, b)			
	KACE-1-0-G: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019e, f)			
	MCM-UA-1-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019a, b)			
	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019a, c)			
	MIROC6: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018a, b)			
	MPI-ESM1-2-HR: ssp126, ssp245, ssp370, ssp585, historical	Input dataset			Jungclaus et al. (2019a)			
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019e, g)			
	MRI-ESM2-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019b, d)			
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao and Wang (2019a, b)			
	NorESM2-LM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Seland et al. (2019a, d)			
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019a, b)			
	TaiESM1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lee and Liang (2019, 2020a)			
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tang et al. (2019a, d)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.15	<b>CMIP6 data citations</b>							
	ACCESS-ESM1-5: historical, ssp245	Input dataset			Ziehn et al. (2019f, i)			
	AWI-ESM-1-1-LR: historical	Input dataset			Danek et al. (2020)			
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2019a, b, c, d)			
	BCC-ESM1: historical	Input dataset			Zhang et al. (2018a)			
	CAMS-CSM1-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Rong (2019b, d, e, f, g, h)			
	CAS-ESM2-0: historical	Input dataset			Chai (2020a)			
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)			
	CESM2-FV2: historical	Input dataset			Danabasoglu (2019h)			
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)			
	CESM2-WACCM-FV2: historical	Input dataset			Danabasoglu (2019r)			
	CIESM: historical, ssp126, ssp245, ssp585	Input dataset			Huang (2019a, c, 2020a, b)			
	CMCC-CM2-HR4: historical	Input dataset			Scoccimarro et al. (2020)			
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, d, e, f, g)			
	CNRM-CM6-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, 2019a, b, c, d)			
	CNRM-CM6-1-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2019f, h, i, 2020a, b)			
	CNRM-ESM2-1: historical, ssp245	Input dataset			Seferian (2018b); Voltaire (2019l)			
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, h, i, j, k, m)			
	E3SM-1-0: historical	Input dataset			Bader et al. (2019a)			
	E3SM-1-1: historical	Input dataset			Bader et al. (2019c)			
	E3SM-1-1-ECA: historical	Input dataset			Bader et al. (2020b)			
	EC-Earth3: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, e, f, g, h)			
	EC-Earth3-Veg: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, l, m, n, o, p)			
EC-Earth3-Veg-LR: historical	Input dataset			EC-Earth Consortium (EC-Earth) (2020g)				
FGOALS-f3-L: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2019a, c, d, e, f)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.15 (continued)	FGOALS-g3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Li (2019b, d, e, f, g, h)			
	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019b, d, e, f)			
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018b, d, e)			
	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			John et al. (2018a, b, c, d, e); Krasting et al. (2018d)			
	GISS-E2-1-H: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019a)			
	HadGEM3-GC31-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good (2019, 2020a, b); Ridley et al. (2019a)			
	HadGEM3-GC31-MM: historical, ssp126, ssp585	Input dataset			Ridley et al. (2019c); Jackson (2020a, b)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)			
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, 2019a, b, c, d, f)			
	KIOST-ESM: historical, ssp126, ssp245, ssp585	Input dataset			Kim et al. (2019a, c, d, e)			
	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019a, b, c, d, e)			
	MIROC6: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019a, b, c, d, f)			
	MPI-ESM-1-2-HAM: historical, ssp370	Input dataset			Neubauer et al. (2019)			
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, c, d)			
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)			
	MRI-ESM2-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, f, g, h, i, k)			
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019b)			
	NorCPM1: historical	Input dataset			Bethke et al. (2019)			
	NorESM2-LM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Seland et al. (2019d, f, g, h, i)			
NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.15 (continued)	SAM0-UNICON: historical	Input dataset			Park and Shin (2019)			
	TaiESM1: historical, ssp370	Input dataset			Lee and Liang (2020a, e)			
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d)			
Figure 4.16a	<b>CMIP6 data citations</b>							
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2019a, b, c, d)			
	BCC-ESM1: historical	Input dataset			Zhang et al. (2018a)			
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)			
	CESM2-FV2: historical	Input dataset			Danabasoglu (2019h)			
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)			
	CESM2-WACCM-FV2: historical	Input dataset			Danabasoglu (2019r)			
	CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b); Voldoire (2019j, k, l, m, o)			
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, h, i, j, k, m)			
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018b, d, e)			
	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			John et al. (2018a, b, c, d, e); Krasting et al. (2018d)			
	GISS-E2-1-G-CC: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019b)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)			
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, 2019a, b, c, d, f)			
	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019a, b, c, d, e)			
	MPI-ESM-1-2-HAM: historical, ssp370	Input dataset			Neubauer et al. (2019)			
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, c, d)			
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)			
	NorCPM1: historical	Input dataset			Bethke et al. (2019)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.16a (continued)	NorESM2-LM: historical, ssp126	Input dataset			Seland et al. (2019d, f)			
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)			
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d)			
Figure 4.16b	<b>CMIP6 data citations</b>							
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)			
	CESM2-FV2: historical	Input dataset			Danabasoglu (2019h)			
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)			
	CESM2-WACCM-FV2: historical	Input dataset			Danabasoglu (2019r)			
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, d, e, f, g)			
	CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b); Voldoire (2019j, k, l, m, o)			
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, h, i, j, k, m)			
	E3SM-1-1: historical	Input dataset			Bader et al. (2019c)			
	E3SM-1-1-ECA: historical	Input dataset			Bader et al. (2020b)			
	EC-Earth3-Veg: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, l, m, n, o, p)			
	GFDL-ESM4: historical, ssp126, ssp370	Input dataset			John et al. (2018b, d); Krasting et al. (2018d)			
	GISS-E2-1-G-CC: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019b)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)			
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, 2019a, b, c, d, f)			
	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019a, b, c, d, e)			
	MPI-ESM-1-2-HAM: historical, ssp370	Input dataset			Neubauer et al. (2019)			
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)			
	NorCPM1: historical	Input dataset			Bethke et al. (2019)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.16b (continued)	NorESM2-LM: historical, ssp126, ssp245, ssp585	Input dataset			Seland et al. (2019d, f, g, i)				
	NorESM2-MM: historical, ssp126, ssp245	Input dataset			Bentsen et al. (2019b, d, e)				
	SAM0-UNICON: historical	Input dataset			Park and Shin (2019)				
	TaiESM1: historical, ssp370, ssp585	Input dataset			Lee and Liang (2020a, e, f)				
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d)				
Figure 4.17	<b>CMIP6 data citations</b>								
	AWI-CM-1-1-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Semmler et al. (2018a, b, d, 2019a, b)				
	AWI-ESM-1-1-LR: historical	Input dataset			Danek et al. (2020)				
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2019a, b, c, d)				
	BCC-ESM1: historical	Input dataset			Zhang et al. (2018a)				
	CAMS-CSM1-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Rong (2019b, d, e, f, g, h)				
	CAS-ESM2-0: historical	Input dataset			Chai (2020a)				
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)				
	CESM2-FV2: historical	Input dataset			Danabasoglu (2019h)				
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)				
	CESM2-WACCM-FV2: historical	Input dataset			Danabasoglu (2019r)				
	CIESM: historical, ssp126, ssp245, ssp585	Input dataset			Huang (2019a, c, 2020a, b)				
	CMCC-CM2-HR4: historical	Input dataset			Scoccimarro et al. (2020)				
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, d, e, f, g)				
	CNRM-CM6-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, 2019a, b, c, d)				
	CNRM-CM6-1-HR: historical, ssp126	Input dataset			Voltaire (2019f, 2020a)				
	CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b); Voltaire (2019j, k, l, m, o)				
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, h, i, j, k, m)				
	E3SM-1-0: historical	Input dataset			Bader et al. (2019a)				
	E3SM-1-1: historical	Input dataset			Bader et al. (2019c)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.17 (continued)	E3SM-1-1-ECA: historical	Input dataset			Bader et al. (2020b)			
	EC-Earth3: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, e, f, g, h)			
	EC-Earth3-Veg: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, l, m, n, o, p)			
	EC-Earth3-Veg-LR: historical	Input dataset			EC-Earth Consortium (EC-Earth) (2020g)			
	FGOALS-f3-L: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2019a, c, d, e, f)			
	FGOALS-g3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Li (2019b, d, e, f, g, h)			
	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019b, d, e, f)			
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018b, d, e)			
	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			John et al. (2018a, b, c, d, e); Krasting et al. (2018d)			
	GISS-E2-1-G: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b)			
	GISS-E2-1-G-CC: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019b)			
	GISS-E2-1-H: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019a)			
	HadGEM3-GC31-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good (2019, 2020a, b); Ridley et al. (2019a)			
	HadGEM3-GC31-MM: historical, ssp126, ssp585	Input dataset			Ridley et al. (2019c); Jackson (2020a, b)			
	IITM-ESM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Choudhury et al. (2019); Gopinathan et al. (2020); Narayanasetti et al. (2020); Panickal et al. (2020); Singh et al. (2020)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)			
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, 2019a, b, c, d, f)			
	KACE-1-0-G: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019a, b, c, d, f)			
	KIOST-ESM: historical, ssp126, ssp245, ssp585	Input dataset			Kim et al. (2019a, c, d, e)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.17 (continued)	MCM-UA-1-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019b, d, e, f, g)				
	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019a, b, c, d, e)				
	MIROC6: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019a, b, c, d, f)				
	MPI-ESM-1-2-HAM: historical, ssp370	Input dataset			Neubauer et al. (2019)				
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, c, d)				
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)				
	MRI-ESM2-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, f, g, h, i, k)				
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019b)				
	NorCPM1: historical	Input dataset			Bethke et al. (2019)				
	NorESM2-LM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Seland et al. (2019d, f, g, h, i)				
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)				
	SAM0-UNICON: historical	Input dataset			Park and Shin (2019)				
	TaiESM1: historical, ssp370, ssp585	Input dataset			Lee and Liang (2020a, e, f)				
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d)				
Figure 4.18	<b>CMIP6 data citations</b>								
	BCC-ESM1: ssp370-lowNTCF, historical, ssp370	Input dataset			Zhang et al. (2018a, 2019b)				
	CESM2-WACCM: ssp370-lowNTCF, historical, ssp370	Input dataset			Danabasoglu (2019i, k, o)				
	CNRM-ESM2-1: ssp370-lowNTCF, historical, ssp370	Input dataset			Seferian (2018b, 2019a); Voltaire (2019m)				
	EC-Earth3-AerChem: ssp370-lowNTCF, historical, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020b, c, e)				
	GFDL-ESM4: ssp370-lowNTCF, historical, ssp370	Input dataset			Horowitz et al. (2018); John et al. (2018d); Krasting et al. (2018d)				
	GISS-E2-1-G: ssp370-lowNTCF, historical, ssp370	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, 2020a, e)				
	MIROC6: ssp370-lowNTCF, historical, ssp370	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019d); Takemura (2019)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.18 (continued)	MPI-ESM1-2-HAM: ssp370-lowNTCF, historical, ssp370	Input dataset							
	NorESM2-LM: ssp370-lowNTCF, historical, ssp370	Input dataset			Oliviè et al. (2019); Seland et al. (2019d, h)				
Cross-Chapter Box 4.1, Figure 1	Volcanic ERF and annual mean GSAT	Input dataset	Cross-Chapter Box Fig 4.1_ERF data Cross-Chapter Box Fig 4.1_GMSTvolc data Cross-Chapter Box Fig 4.1_GMSTzero data				Bethke et al. (2017)		
	Re-plotting Figure 2 from Bethke et al. (2017)	Code	Cross-Chapter Box Fig 4.1_code.m			<a href="https://github.com/IPCC-WG1/Chapter-4-CCBOX4.1_Fig1">https://github.com/IPCC-WG1/Chapter-4-CCBOX4.1_Fig1</a>			
Figure 4.19	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, piControl, ssp126, ssp370	Input dataset			Dix et al. (2019b, c, d, f)				
	ACCESS-ESM1-5: historical, piControl, ssp126, ssp370	Input dataset			Ziehn et al. (2019f, g, h, j)				
	AWI-CM-1-1-MR: historical, piControl, ssp126, ssp370	Input dataset			Semmler et al. (2018a, d, e, 2019a)				
	BCC-CSM2-MR: historical, piControl, ssp126, ssp370	Input dataset			Wu et al. (2018b, c); Xin et al. (2019a, c)				
	CAS-ESM2-0: historical, piControl, ssp126, ssp370	Input dataset			Chai (2020a, b)				
	CESM2: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019c, d, f); Danabasoglu et al. (2019)				
	CESM2-WACCM: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019k, l, m, o)				
	CIESM: historical, piControl, ssp126	Input dataset			Huang (2019a, b, c)				
	CMCC-CM2-SR5: historical, piControl, ssp126, ssp370	Input dataset			Lovato and Peano (2020b, c, d, f)				
	CMCC-ESM2: historical, piControl, ssp126, ssp370	Input dataset			Lovato et al. (2021a, b, c, d)				
	CNRM-CM6-1: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2018a, b, 2019a, c)				
	CNRM-CM6-1-HR: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2019f, g, 2020a, b)				
CNRM-ESM2-1: historical, piControl, ssp126, ssp370	Input dataset			Seferian (2018b, c); Voltaire (2019k, m)					



Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.19 (continued)	CanESM5: historical, piControl, ssp126, ssp370	Input dataset			Swart et al. (2019f, g, i, k)			
	CanESM5-CanOE: historical, piControl, ssp126, ssp370	Input dataset			Swart et al. (2019o, p, q, s)			
	EC-Earth3: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, e, g)			
	EC-Earth3-AerChem: historical, piControl, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, d, e)			
	EC-Earth3-Veg: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, m, o)			
	FGOALS-f3-L: historical, piControl, ssp126, ssp370	Input dataset			Yu (2019a, b, c, e)			
	FGOALS-g3: historical, piControl, ssp370, ssp126	Input dataset			Li (2019a, b, c, e)			
	GFDL-ESM4: historical, piControl, ssp126, ssp370	Input dataset			John et al. (2018b, d); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp126, ssp370	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020c, e)			
	HadGEM3-GC31-LL: historical, piControl, ssp126	Input dataset			Ridley et al. (2018b, 2019a); Good (2020a)			
	HadGEM3-GC31-MM: historical, piControl, ssp126	Input dataset			Ridley et al. (2019c, d); Jackson (2020a)			
	IITM-ESM: historical, piControl, ssp126, ssp370	Input dataset			Choudhury et al. (2019); Narayanasetti et al. (2019, 2020); Gopinathan et al. (2020)			
	INM-CM4-8: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019b, c, d, f)			
	INM-CM5-0: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019i, j, k, m)			
	IPSL-CM6A-LR: historical, piControl, ssp126, ssp370	Input dataset			Boucher et al. (2018b, c, 2019b, d)			
	KACE-1-0-G: historical, piControl, ssp126, ssp370	Input dataset			Byun et al. (2019a, c, f, g)			
MCM-UA-1-0: historical, piControl, ssp126, ssp370	Input dataset			Stouffer (2019b, c, d, f)				
MIROC-ES2L: historical, piControl, ssp126, ssp370	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019b, d)				
MIROC6: historical, piControl, ssp126, ssp370	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019b, d)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.19 (continued)	MPI-ESM1-2-HR: historical, piControl, ssp126, ssp370	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019a, c)				
	MPI-ESM1-2-LR: historical, piControl, ssp126, ssp370	Input dataset			Wieners et al. (2019a, c, g, h)				
	MRI-ESM2-0: historical, piControl, ssp126, ssp370	Input dataset			Yukimoto et al. (2019d, e, g, i)				
	NESM3: historical, piControl, ssp126	Input dataset			Cao (2019a); Cao and Wang (2019b, c)				
	NorESM2-MM: historical, piControl, ssp126, ssp370	Input dataset			Bentsen et al. (2019b, c, d, f)				
	TaiESM1: historical, piControl, ssp126, ssp370	Input dataset			Lee and Liang (2020a, b, c, e)				
	UKESM1-0-LL: historical, piControl, ssp126, ssp370	Input dataset			Good et al. (2019b, d); Tang et al. (2019d, e)				
	Code for Figure 4.19	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.20	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, piControl, ssp126, ssp370	Input dataset			Dix et al. (2019b, c, d, f)				
	ACCESS-ESM1-5: historical, piControl, ssp126, ssp370	Input dataset			Ziehn et al. (2019f, g, h, j)				
	AWI-CM-1-1-MR: historical, piControl, ssp126, ssp370	Input dataset			Semmler et al. (2018a, d, e, 2019a)				
	BCC-CSM2-MR: historical, piControl, ssp126, ssp370	Input dataset			Wu et al. (2018b, c); Xin et al. (2019a, c)				
	CESM2: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019c, d, f); Danabasoglu et al. (2019)				
	CESM2-WACCM: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019k, l, m, o)				
	CIESM: historical, piControl, ssp126	Input dataset			Huang (2019a, b, c)				
	CMCC-CM2-SR5: historical, piControl, ssp126, ssp370	Input dataset			Lovato and Peano (2020b, c, d, f)				
	CNRM-CM6-1: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2018a, b, 2019a, c)				
	CNRM-CM6-1-HR: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2019f, g, 2020a, b)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.20 (continued)	CNRM-ESM2-1: historical, piControl, ssp126, ssp370	Input dataset			Seferian (2018b, c); Voltaire (2019k, m)			
	CanESM5: historical, piControl, ssp126, ssp370	Input dataset			Swart et al. (2019f, g, i, k)			
	CanESM5-CanOE: historical, piControl, ssp126, ssp370	Input dataset			Swart et al. (2019o, p, q, s)			
	EC-Earth3: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, e, g)			
	EC-Earth3-AerChem: historical, piControl, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, d, e)			
	EC-Earth3-Veg: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, m, o)			
	FGOALS-f3-L: historical, piControl, ssp126, ssp370	Input dataset			Yu (2019a, b, c, e)			
	FGOALS-g3: historical, piControl, ssp370, ssp126	Input dataset			Li (2019a, b, c, e)			
	GFDL-ESM4: historical, piControl, ssp126, ssp370	Input dataset			John et al. (2018b, d); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp126, ssp370	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020c, e)			
	HadGEM3-GC31-LL: historical, piControl, ssp126	Input dataset			Ridley et al. (2018b, 2019a); Good (2020a)			
	HadGEM3-GC31-MM: historical, piControl, ssp126	Input dataset			Ridley et al. (2019c, d); Jackson (2020a)			
	INM-CM4-8: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019b, c, d, f)			
	INM-CM5-0: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019i, j, k, m)			
	IPSL-CM6A-LR: historical, piControl, ssp126, ssp370	Input dataset			Boucher et al. (2018b, c, 2019b, d)			
	KACE-1-0-G: piControl	Input dataset			Byun et al. (2019g)			
	MCM-UA-1-0: historical, piControl, ssp126, ssp370	Input dataset			Stouffer (2019b, c, d, f)			
	MIROC-ES2L: historical, piControl, ssp126, ssp370	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019b, d)			
	MIROC6: historical, piControl, ssp126, ssp370	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019b, d)			
	MPI-ESM1-2-HR: historical, piControl, ssp126, ssp370	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019a, c)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.20 (continued)	MPI-ESM1-2-LR: historical, piControl, ssp126, ssp370	Input dataset			Wieners et al. (2019a, c, g, h)			
	MRI-ESM2-0: historical, piControl, ssp126, ssp370	Input dataset			Yukimoto et al. (2019d, e, g, i)			
	NESM3: historical, piControl, ssp126	Input dataset			Cao (2019a); Cao and Wang (2019b, c)			
	NorESM2-MM: historical, piControl, ssp126, ssp370	Input dataset			Bentsen et al. (2019b, c, d, f)			
	TaiESM1: historical, piControl, ssp126, ssp370	Input dataset			Lee and Liang (2020a, b, c, e)			
	UKESM1-0-LL: historical, piControl, ssp126, ssp370	Input dataset			Good et al. (2019b, d); Tang et al. (2019d, e)			
	Code for Figure 4.20	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)	
Figure 4.22a	<b>CMIP6 data citations</b>							
	ACCESS-CM2: historical, ssp126	Input dataset			Dix et al. (2019b, d)			
	ACCESS-ESM1-5: historical, ssp126	Input dataset			Ziehn et al. (2019f, h)			
	AWI-CM-1-1-MR: historical, ssp126	Input dataset			Semmler et al. (2018a, d)			
	BCC-CSM2-MR: historical, ssp126	Input dataset			Wu et al. (2018b); Xin et al. (2019a)			
	CESM2: historical, ssp126	Input dataset			Danabasoglu (2019c, d)			
	CESM2-WACCM: historical, ssp126	Input dataset			Danabasoglu (2019k, m)			
	CIESM: historical, ssp126	Input dataset			Huang (2019a, c)			
	CMCC-CM2-SR5: historical, ssp126	Input dataset			Lovato and Peano (2020b, d)			
	CNRM-CM6-1: historical, ssp126	Input dataset			Voltaire (2018a, 2019a)			
	CNRM-CM6-1-HR: historical, ssp126	Input dataset			Voltaire (2019f, 2020a)			
	CNRM-ESM2-1: historical, ssp126	Input dataset			Seferian (2018b); Voltaire (2019k)			
	CanESM5: historical, ssp126	Input dataset			Swart et al. (2019f, i)			
	CanESM5-CanOE: historical, ssp126	Input dataset			Swart et al. (2019o, q)			
	EC-Earth3: historical, ssp126	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, e)			
	EC-Earth3-Veg: historical, ssp126	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, m)			
	FGOALS-f3-L: historical, ssp126	Input dataset			Yu (2019a, c)			
FGOALS-g3: historical, ssp126	Input dataset			Li (2019a, b, e)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.22a (continued)	GFDL-ESM4: historical, ssp126	Input dataset			John et al. (2018b); Krasting et al. (2018d)			
	GISS-E2-1-G: historical, ssp126	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, 2020c)			
	HadGEM3-GC31-LL: historical, ssp126	Input dataset			Ridley et al. (2019a); Good (2020a)			
	HadGEM3-GC31-MM: historical, ssp126	Input dataset			Ridley et al. (2019c); Jackson (2020a)			
	INM-CM4-8: historical, ssp126	Input dataset			Volodin et al. (2019b, d)			
	INM-CM5-0: historical, ssp126	Input dataset			Volodin et al. (2019i, k)			
	IPSL-CM6A-LR: historical, ssp126	Input dataset			Boucher et al. (2018b, 2019b)			
	KACE-1-0-G: historical, ssp126	Input dataset			Byun et al. (2019a, f)			
	KIOST-ESM: historical, ssp126	Input dataset			Kim et al. (2019a, c)			
	MCM-UA-1-0: historical, ssp126	Input dataset			Stouffer (2019b, d)			
	MIROC-ES2L: historical, ssp126	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019b)			
	MIROC6: historical, ssp126	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019b)			
	MPI-ESM1-2-HR: historical, ssp126	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a)			
	MPI-ESM1-2-LR: historical, ssp126	Input dataset			Wieners et al. (2019a, g)			
	MRI-ESM2-0: historical, ssp126	Input dataset			Yukimoto et al. (2019d, g)			
	NESM3: historical, ssp126	Input dataset			Cao (2019a); Cao and Wang (2019b)			
	NorESM2-MM: historical, ssp126	Input dataset			Bentsen et al. (2019b, d)			
TaiESM1: historical, ssp126	Input dataset			Lee and Liang (2020a, c)				
UKESM1-0-LL: historical, ssp126	Input dataset			Good et al. (2019b); Tang et al. (2019d)				
	Code for Figure 4.22a	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)	
Figure 4.22b	<b>CMIP6 data citations</b>							
	ACCESS-CM2: historical, ssp370	Input dataset			Dix et al. (2019b, f)			
	ACCESS-ESM1-5: historical, ssp370	Input dataset			Ziehn et al. (2019f, j)			
	AWI-CM-1-1-MR: historical, ssp370	Input dataset			Semmler et al. (2018d, 2019a)			
	BCC-CSM2-MR: historical, ssp370	Input dataset			Wu et al. (2018b); Xin et al. (2019c)			
	CESM2: historical, ssp370	Input dataset			Danabasoglu (2019c, f)			
	CESM2-WACCM: historical, ssp370	Input dataset			Danabasoglu (2019k, o)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.22b (continued)	CMCC-CM2-SR5: historical, ssp370	Input dataset			Lovato and Peano (2020b, f)			
	CNRM-CM6-1: historical, ssp370	Input dataset			Voltaire (2018a, 2019c)			
	CNRM-CM6-1-HR: historical, ssp370	Input dataset			Voltaire (2019f, 2020b)			
	CNRM-ESM2-1: historical, ssp370	Input dataset			Seferian (2018b); Voltaire (2019m)			
	CanESM5: historical, ssp370	Input dataset			Swart et al. (2019f, k)			
	CanESM5-CanOE: historical, ssp370	Input dataset			Swart et al. (2019o, s)			
	EC-Earth3: historical, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, g)			
	EC-Earth3-AerChem: historical, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, e)			
	EC-Earth3-Veg: historical, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, o)			
	FGOALS-f3-L: historical, ssp370	Input dataset			Yu (2019a, e)			
	FGOALS-g3: historical, ssp370	Input dataset			Li (2019a, b)			
	GFDL-ESM4: historical, ssp370	Input dataset			John et al. (2018d); Krasting et al. (2018d)			
	GISS-E2-1-G: historical, ssp370	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, 2020e)			
	HadGEM3-GC31-LL: historical	Input dataset			Ridley et al. (2019a)			
	HadGEM3-GC31-MM: historical	Input dataset			Ridley et al. (2019c)			
	INM-CM4-8: historical, ssp370	Input dataset			Volodin et al. (2019b, f)			
	INM-CM5-0: historical, ssp370	Input dataset			Volodin et al. (2019i, m)			
	IPSL-CM6A-LR: historical, ssp370	Input dataset			Boucher et al. (2018b, 2019d)			
	KACE-1-0-G: historical, ssp370	Input dataset			Byun et al. (2019c, f)			
	MCM-UA-1-0: historical, ssp370	Input dataset			Stouffer (2019b, f)			
	MIROC-ES2L: historical, ssp370	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019d)			
	MIROC6: historical, ssp370	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019d)			
	MPI-ESM1-2-HR: historical, ssp370	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019c)			
	MPI-ESM1-2-LR: historical, ssp370	Input dataset			Wieners et al. (2019c, g)			
	MRI-ESM2-0: historical, ssp370	Input dataset			Yukimoto et al. (2019d, i)			
	NorESM2-MM: historical, ssp370	Input dataset			Bentsen et al. (2019b, f)			
TaiESM1: historical, ssp370	Input dataset			Lee and Liang (2020a, e)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.22b (continued)	UKESM1-0-LL: historical, ssp370	Input dataset			Good et al. (2019d); Tang et al. (2019d)			
	Code for Figure 4.22b	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)	
Figure 4.23	<b>CMIP6 data citations</b>							
	ACCESS-CM2: historical, piControl, ssp126, ssp370	Input dataset			Dix et al. (2019b, c, d, f)			
	ACCESS-ESM1-5: historical, piControl, ssp126, ssp370	Input dataset			Ziehn et al. (2019f, g, h, j)			
	CAS-ESM2-0: historical, piControl, ssp126, ssp370	Input dataset			Chai (2020a, b)			
	CESM2: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019c, d, f); Danabasoglu et al. (2019)			
	CESM2-WACCM: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019k, l, m, o)			
	CMCC-CM2-SR5: historical, piControl, ssp126, ssp370	Input dataset			Lovato and Peano (2020b, c, d, f)			
	CMCC-ESM2: historical, piControl, ssp126, ssp370	Input dataset			Lovato et al. (2021a, b, c, d)			
	CNRM-CM6-1: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2018a, b, 2019a, c)			
	CNRM-CM6-1-HR: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2019f, g, 2020a, b)			
	CNRM-ESM2-1: historical, piControl, ssp126, ssp370	Input dataset			Seferian (2018b, c); Voltaire (2019k, m)			
	CanESM5: historical, piControl, ssp126, ssp370	Input dataset			Swart et al. (2019f, g, i, k)			
	CanESM5-CanOE: historical, piControl, ssp126, ssp370	Input dataset			Swart et al. (2019o, p, q, s)			
	EC-Earth3: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, e, g)			
	EC-Earth3-AerChem: historical, piControl, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, d, e)			
EC-Earth3-Veg: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, m, o)				
FGOALS-f3-L: historical, piControl, ssp126, ssp370	Input dataset			Yu (2019a, b, c, e)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.23 (continued)	GFDL-ESM4: historical, piControl, ssp126, ssp370	Input dataset			John et al. (2018b, d); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp126, ssp370	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020c, e)			
	HadGEM3-GC31-LL: historical, piControl, ssp126	Input dataset			Ridley et al. (2018b, 2019a); Good (2020a)			
	HadGEM3-GC31-MM: historical, piControl, ssp126	Input dataset			Ridley et al. (2019c, d); Jackson (2020a)			
	INM-CM4-8: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019b, c, d, f)			
	INM-CM5-0: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019i, j, k, m)			
	IPSL-CM6A-LR: historical, piControl, ssp126, ssp370	Input dataset			Boucher et al. (2018b, c, 2019b, d)			
	KACE-1-0-G: historical, piControl, ssp126, ssp370	Input dataset			Byun et al. (2019a, c, f, g)			
	MCM-UA-1-0: historical, piControl, ssp126, ssp370	Input dataset			Stouffer (2019b, c, d, f)			
	MIROC-ES2L: historical, piControl, ssp126, ssp370	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019b, d)			
	MIROC6: historical, piControl, ssp126, ssp370	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019b, d)			
	MPI-ESM1-2-HR: historical, piControl, ssp126, ssp370	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019a, c)			
	MPI-ESM1-2-LR: historical, piControl, ssp126, ssp370	Input dataset			Wieners et al. (2019a, c, g, h)			
	MRI-ESM2-0: historical, piControl, ssp126, ssp370	Input dataset			Yukimoto et al. (2019d, e, g, i)			
	NorESM2-MM: historical, piControl, ssp126, ssp370	Input dataset			Bentsen et al. (2019b, c, d, f)			
	UKESM1-0-LL: historical, piControl, ssp126, ssp370	Input dataset			Good et al. (2019b, d); Tang et al. (2019d, e)			
Code for Figure 4.23	Code				Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)	

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.24	<b>CMIP6 data citations</b>							
	ACCESS-CM2: historical, piControl, ssp126, ssp370	Input dataset			Dix et al. (2019b, c, d, f)			
	ACCESS-ESM1-5: historical, piControl, ssp126, ssp370	Input dataset			Ziehn et al. (2019f, g, h, j)			
	AWI-CM-1-1-MR: historical, piControl, ssp126, ssp370	Input dataset			Semmler et al. (2018a, d, e, 2019a)			
	BCC-CSM2-MR: historical, piControl, ssp126, ssp370	Input dataset			Wu et al. (2018b, c); Xin et al. (2019a, c)			
	CAS-ESM2-0: historical, piControl, ssp126, ssp370	Input dataset			Chai (2020a, b)			
	CESM2: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019c, d, f); Danabasoglu et al. (2019)			
	CESM2-WACCM: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019k, l, m, o)			
	CIEM: historical, piControl, ssp126	Input dataset			Huang (2019a, b, c)			
	CMCC-CM2-SR5: historical, piControl, ssp126, ssp370	Input dataset			Lovato and Peano (2020b, c, d, f)			
	CMCC-ESM2: historical, piControl, ssp126, ssp370	Input dataset			Lovato et al. (2021a, b, c, d)			
	CNRM-CM6-1: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2018a, b, 2019a, c)			
	CNRM-CM6-1-HR: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2019f, g, 2020a, b)			
	CNRM-ESM2-1: historical, piControl, ssp126, ssp370	Input dataset			Seferian (2018b, c); Voltaire (2019k, m)			
	CanESM5: historical, piControl, ssp126, ssp370	Input dataset			Swart et al. (2019f, g, i, k)			
	CanESM5-CanOE: historical, piControl, ssp126, ssp370	Input dataset			Swart et al. (2019o, p, q, s)			
	EC-Earth3: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, e, g)			
	EC-Earth3-AerChem: historical, piControl, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, d, e)			
	EC-Earth3-Veg: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, m, o)			
FGOALS-f3-L: historical, piControl, ssp126, ssp370	Input dataset			Yu (2019a, b, c, e)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.24 (continued)	FGOALS-g3: historical, piControl, ssp370, ssp126	Input dataset			Li (2019a, b, c, e)			
	GFDL-ESM4: historical, piControl, ssp126, ssp370	Input dataset			John et al. (2018b, d); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp126, ssp370	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020c, e)			
	HadGEM3-GC31-LL: historical, piControl, ssp126	Input dataset			Ridley et al. (2018b, 2019a); Good (2020a)			
	HadGEM3-GC31-MM: historical, piControl, ssp126	Input dataset			Ridley et al. (2019c, d); Jackson (2020a)			
	IITM-ESM: historical, piControl, ssp126, ssp370	Input dataset			Choudhury et al. (2019); Narayanasetti et al. (2019, 2020); Gopinathan et al. (2020)			
	INM-CM4-8: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019b, c, d, f)			
	INM-CM5-0: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019i, j, k, m)			
	IPSL-CM6A-LR: historical, piControl, ssp126, ssp370	Input dataset			Boucher et al. (2018b, c, 2019b, d)			
	KACE-1-0-G: historical, piControl, ssp126, ssp370	Input dataset			Byun et al. (2019a, c, f, g)			
	MCM-UA-1-0: historical, piControl, ssp126, ssp370	Input dataset			Stouffer (2019b, c, d, f)			
	MIROC-ES2L: historical, piControl, ssp126, ssp370	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019b, d)			
	MIROC6: historical, piControl, ssp126, ssp370	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019b, d)			
	MPI-ESM1-2-HR: historical, piControl, ssp126, ssp370	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019a, c)			
	MPI-ESM1-2-LR: historical, piControl, ssp126, ssp370	Input dataset			Wieners et al. (2019a, c, g, h)			
	MRI-ESM2-0: historical, piControl, ssp126, ssp370	Input dataset			Yukimoto et al. (2019d, e, g, i)			
	NESM3: historical, piControl, ssp126	Input dataset			Cao (2019a); Cao and Wang (2019b, c)			
	NorESM2-MM: historical, piControl, ssp126, ssp370	Input dataset			Bentsen et al. (2019b, c, d, f)			
	TaiESM1: historical, piControl, ssp126, ssp370	Input dataset			Lee and Liang (2020a, b, c, e)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.24 (continued)	UKESM1-0-LL: historical, piControl, ssp126, ssp370	Input dataset			Good et al. (2019b, d); Tang et al. (2019d, e)			
	Code for Figure 4.24	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)	
Figure 4.25	<b>CMIP6 data citations</b>							
	ACCESS-CM2: historical, piControl, ssp126, ssp370	Input dataset			Dix et al. (2019b, c, d, f)			
	ACCESS-ESM1-5: historical, piControl, ssp126, ssp370	Input dataset			Ziehn et al. (2019f, g, h, j)			
	AWI-CM-1-1-MR: historical, piControl, ssp126, ssp370	Input dataset			Semmler et al. (2018a, d, e, 2019a)			
	BCC-CSM2-MR: historical, piControl, ssp126, ssp370	Input dataset			Wu et al. (2018b, c); Xin et al. (2019a, c)			
	CAS-ESM2-0: historical, piControl, ssp126, ssp370	Input dataset			Chai (2020a, b)			
	CESM2: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019c, d, f); Danabasoglu et al. (2019)			
	CESM2-WACCM: historical, piControl, ssp126, ssp370	Input dataset			Danabasoglu (2019k, l, m, o)			
	CIESM: historical, piControl, ssp126	Input dataset			Huang (2019a, b, c)			
	CMCC-CM2-SR5: historical, piControl, ssp126, ssp370	Input dataset			Lovato and Peano (2020b, c, d, f)			
	CMCC-ESM2: historical, piControl, ssp126, ssp370	Input dataset			Lovato et al. (2021a, b, c, d)			
	CNRM-CM6-1: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2018a, b, 2019a, c)			
	CNRM-CM6-1-HR: historical, piControl, ssp126, ssp370	Input dataset			Voltaire (2019f, g, 2020a, b)			
	CNRM-ESM2-1: historical, piControl, ssp126, ssp370	Input dataset			Seferian (2018b, c); Voltaire (2019k, m)			
	CanESM5: historical, piControl, ssp126, ssp370	Input dataset			Swart et al. (2019f, g, i, k)			
CanESM5-CanOE: historical, piControl, ssp126, ssp370	Input dataset			Swart et al. (2019o, p, q, s)				
EC-Earth3: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, e, g)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.25 (continued)	EC-Earth3-AerChem: historical, piControl, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, d, e)			
	EC-Earth3-Veg: historical, piControl, ssp126, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, m, o)			
	FGOALS-f3-L: historical, piControl, ssp126, ssp370	Input dataset			Yu (2019a, b, c, e)			
	FGOALS-g3: historical, piControl, ssp126, ssp370, ssp126	Input dataset			Li (2019a, b, c, e)			
	GFDL-ESM4: historical, piControl, ssp126, ssp370	Input dataset			John et al. (2018b, d); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp126, ssp370	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020c, e)			
	HadGEM3-GC31-LL: historical, piControl, ssp126	Input dataset			Ridley et al. (2018b, 2019a); Good (2020a)			
	HadGEM3-GC31-MM: historical, piControl, ssp126	Input dataset			Ridley et al. (2019c, d); Jackson (2020a)			
	INM-CM4-8: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019b, c, d, f)			
	INM-CM5-0: historical, piControl, ssp126, ssp370	Input dataset			Volodin et al. (2019i, j, k, m)			
	IPSL-CM6A-LR: historical, piControl, ssp126, ssp370	Input dataset			Boucher et al. (2018b, c, 2019b, d)			
	KACE-1-0-G: historical, piControl, ssp126, ssp370	Input dataset			Byun et al. (2019a, c, f, g)			
	MCM-UA-1-0: historical, piControl, ssp126, ssp370	Input dataset			Stouffer (2019b, c, d, f)			
	MIROC-ES2L: historical, piControl, ssp126, ssp370	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019b, d)			
	MIROC6: historical, piControl, ssp126, ssp370	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019b, d)			
	MPI-ESM1-2-HR: historical, piControl, ssp126, ssp370	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019a, c)			
	MPI-ESM1-2-LR: historical, piControl, ssp126, ssp370	Input dataset			Wieners et al. (2019a, c, g, h)			
	MRI-ESM2-0: historical, piControl, ssp126, ssp370	Input dataset			Yukimoto et al. (2019d, e, g, i)			
	NESM3: historical, piControl, ssp126	Input dataset			Cao (2019a); Cao and Wang (2019b, c)			
	NorESM2-MM: historical, piControl, ssp126, ssp370	Input dataset			Bentsen et al. (2019b, c, d, f)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.25 (continued)	TaiESM1: historical, piControl, ssp126, ssp370	Input dataset			Lee and Liang (2020a, b, c, e)			
	UKESM1-0-LL: historical, piControl, ssp126, ssp370	Input dataset			Good et al. (2019b, d); Tang et al. (2019d, e)			
	Code for Figure 4.25	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)	
Figure 4.26a	<b>CMIP6 data citations</b>							
	ACCESS-CM2: historical, ssp126	Input dataset			Dix et al. (2019b, d)			
	ACCESS-ESM1-5: historical, ssp126	Input dataset			Ziehn et al. (2019f, h)			
	AWI-CM-1-1-MR: historical, ssp126	Input dataset			Semmler et al. (2018a, d)			
	BCC-CSM2-MR: historical, ssp126	Input dataset			Wu et al. (2018b); Xin et al. (2019a)			
	CESM2: historical, ssp126	Input dataset			Danabasoglu (2019c, d)			
	CESM2-WACCM: historical, ssp126	Input dataset			Danabasoglu (2019k, m)			
	CIESM: historical, ssp126	Input dataset			Huang (2019a, c)			
	CMCC-CM2-SR5: historical, ssp126	Input dataset			Lovato and Peano (2020b, d)			
	CNRM-CM6-1: historical, ssp126	Input dataset			Voltaire (2018a, 2019a)			
	CNRM-CM6-1-HR: historical, ssp126	Input dataset			Voltaire (2019f, 2020a)			
	CNRM-ESM2-1: historical, ssp126	Input dataset			Seferian (2018b); Voltaire (2019k)			
	CanESM5: historical, ssp126	Input dataset			Swart et al. (2019f, i)			
	CanESM5-CanOE: historical, ssp126	Input dataset			Swart et al. (2019o, q)			
	EC-Earth3: historical, ssp126	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, e)			
	EC-Earth3-Veg: historical, ssp126	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, m)			
	FGOALS-f3-L: historical, ssp126	Input dataset			Yu (2019a, c)			
	FGOALS-g3: historical, ssp126	Input dataset			Li (2019a, b, e)			
	GFDL-ESM4: historical, ssp126	Input dataset			John et al. (2018b); Krasting et al. (2018d)			
	GISS-E2-1-G: historical, ssp126	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, 2020c)			
HadGEM3-GC31-LL: historical, ssp126	Input dataset			Ridley et al. (2019a); Good (2020a)				
HadGEM3-GC31-MM: historical, ssp126	Input dataset			Ridley et al. (2019c); Jackson (2020a)				
INM-CM4-8: historical, ssp126	Input dataset			Volodin et al. (2019b, d)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.26a (continued)	INM-CM5-0: historical, ssp126	Input dataset			Volodin et al. (2019i, k)				
	IPSL-CM6A-LR: historical, ssp126	Input dataset			Boucher et al. (2018b, 2019b)				
	MCM-UA-1-0: historical, ssp126	Input dataset			Stouffer (2019b, d)				
	MIROC-ES2L: historical, ssp126	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019b)				
	MIROC6: historical, ssp126	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019b)				
	MPI-ESM1-2-HR: historical, ssp126	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a)				
	MPI-ESM1-2-LR: historical, ssp126	Input dataset			Wieners et al. (2019a, g)				
	MRI-ESM2-0: historical, ssp126	Input dataset			Yukimoto et al. (2019d, g)				
	NESM3: historical, ssp126	Input dataset			Cao (2019a); Cao and Wang (2019b)				
	NorESM2-MM: historical, ssp126	Input dataset			Bentsen et al. (2019b, d)				
	TaiESM1: historical, ssp126	Input dataset			Lee and Liang (2020a, c)				
	UKESM1-0-LL: historical, ssp126	Input dataset			Good et al. (2019b); Tang et al. (2019d)				
	Code for Figure 4.26a	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.26b	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, ssp126	Input dataset			Dix et al. (2019b, d)				
	ACCESS-ESM1-5: historical, ssp126	Input dataset			Ziehn et al. (2019f, h)				
	AWI-CM-1-1-MR: historical, ssp126	Input dataset			Semmler et al. (2018a, d)				
	BCC-CSM2-MR: historical, ssp126	Input dataset			Wu et al. (2018b); Xin et al. (2019a)				
	CESM2: historical, ssp126	Input dataset			Danabasoglu (2019c, d)				
	CESM2-WACCM: historical, ssp126	Input dataset			Danabasoglu (2019k, m)				
	CIESM: historical, ssp126	Input dataset			Huang (2019a, c)				
	CMCC-CM2-SR5: historical, ssp126	Input dataset			Lovato and Peano (2020b, d)				
	CNRM-CM6-1: historical, ssp126	Input dataset			Voltaire (2018a, 2019a)				
	CNRM-CM6-1-HR: historical, ssp126	Input dataset			Voltaire (2019f, 2020a)				
	CNRM-ESM2-1: historical, ssp126	Input dataset			Seferian (2018b); Voltaire (2019k)				
	CanESM5: historical, ssp126	Input dataset			Swart et al. (2019f, i)				
	CanESM5-CanOE: historical, ssp126	Input dataset			Swart et al. (2019o, q)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.26b (continued)	EC-Earth3: historical, ssp126	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, e)			
	EC-Earth3-Veg: historical, ssp126	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, m)			
	FGOALS-f3-L: historical, ssp126	Input dataset			Yu (2019a, c)			
	FGOALS-g3: historical, ssp126	Input dataset			Li (2019a, b, e)			
	GFDL-ESM4: historical, ssp126	Input dataset			John et al. (2018b); Krasting et al. (2018d)			
	GISS-E2-1-G: historical, ssp126	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, 2020c)			
	HadGEM3-GC31-LL: historical, ssp126	Input dataset			Ridley et al. (2019a); Good (2020a)			
	HadGEM3-GC31-MM: historical, ssp126	Input dataset			Ridley et al. (2019c); Jackson (2020a)			
	INM-CM4-8: historical, ssp126	Input dataset			Volodin et al. (2019b, d)			
	INM-CM5-0: historical, ssp126	Input dataset			Volodin et al. (2019i, k)			
	IPSL-CM6A-LR: historical, ssp126	Input dataset			Boucher et al. (2018b, 2019b)			
	MCM-UA-1-0: historical, ssp126	Input dataset			Stouffer (2019b, d)			
	MIROC-ES2L: historical, ssp126	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019b)			
	MIROC6: historical, ssp126	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019b)			
	MPI-ESM1-2-HR: historical, ssp126	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a)			
	MPI-ESM1-2-LR: historical, ssp126	Input dataset			Wieners et al. (2019a, g)			
	MRI-ESM2-0: historical, ssp126	Input dataset			Yukimoto et al. (2019d, g)			
	NESM3: historical, ssp126	Input dataset			Cao (2019a); Cao and Wang (2019b)			
	NorESM2-MM: historical, ssp126	Input dataset			Bentsen et al. (2019b, d)			
	TaiESM1: historical, ssp126	Input dataset			Lee and Liang (2020a, c)			
UKESM1-0-LL: historical, ssp126	Input dataset			Good et al. (2019b); Tang et al. (2019d)				
	Code for Figure 4.26b	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)	

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.26c	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, ssp370	Input dataset			Dix et al. (2019b, f)				
	ACCESS-ESM1-5: historical, ssp370	Input dataset			Ziehn et al. (2019f, j)				
	AWI-CM-1-1-MR: historical, ssp370	Input dataset			Semmler et al. (2018d, 2019a)				
	BCC-CSM2-MR: historical, ssp370	Input dataset			Wu et al. (2018b); Xin et al. (2019c)				
	CESM2: historical, ssp370	Input dataset			Danabasoglu (2019c, f)				
	CESM2-WACCM: historical, ssp370	Input dataset			Danabasoglu (2019k, o)				
	CMCC-CM2-SR5: historical, ssp370	Input dataset			Lovato and Peano (2020b, f)				
	CNRM-CM6-1: historical, ssp370	Input dataset			Voltaire (2018a, 2019c)				
	CNRM-CM6-1-HR: historical, ssp370	Input dataset			Voltaire (2019f, 2020b)				
	CNRM-ESM2-1: historical, ssp370	Input dataset			Seferian (2018b); Voltaire (2019m)				
	CanESM5: historical, ssp370	Input dataset			Swart et al. (2019f, k)				
	CanESM5-CanOE: historical, ssp370	Input dataset			Swart et al. (2019o, s)				
	EC-Earth3: historical, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, g)				
	EC-Earth3-AerChem: historical, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, e)				
	EC-Earth3-Veg: historical, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, o)				
	FGOALS-f3-L: historical, ssp370	Input dataset			Yu (2019a, e)				
	FGOALS-g3: historical, ssp370	Input dataset			Li (2019a, b)				
	GFDL-ESM4: historical, ssp370	Input dataset			John et al. (2018d); Krasting et al. (2018d)				
	GISS-E2-1-G: historical, ssp370	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, 2020e)				
	HadGEM3-GC31-LL: historical	Input dataset			Ridley et al. (2019a)				
	HadGEM3-GC31-MM: historical	Input dataset			Ridley et al. (2019c)				
	INM-CM4-8: historical, ssp370	Input dataset			Volodin et al. (2019b, f)				
	INM-CM5-0: historical, ssp370	Input dataset			Volodin et al. (2019i, m)				
	IPSL-CM6A-LR: historical, ssp370	Input dataset			Boucher et al. (2018b, 2019d)				
	MCM-UA-1-0: historical, ssp370	Input dataset			Stouffer (2019b, f)				
MIROC-ES2L: historical, ssp370	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019d)					
MIROC6: historical, ssp370	Input dataset			Tatebe and Watanabe (2018b); Shioyama et al. (2019d)					

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.26c (continued)	MPI-ESM1-2-HR: historical, ssp370	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019c)				
	MPI-ESM1-2-LR: historical, ssp370	Input dataset			Wieners et al. (2019c, g)				
	MRI-ESM2-0: historical, ssp370	Input dataset			Yukimoto et al. (2019d, i)				
	NorESM2-MM: historical, ssp370	Input dataset			Bentsen et al. (2019b, f)				
	TaiESM1: historical, ssp370	Input dataset			Lee and Liang (2020a, e)				
	UKESM1-0-LL: historical, ssp370	Input dataset			Good et al. (2019d); Tang et al. (2019d)				
	Code for Figure 4.26c	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.26d	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, ssp370	Input dataset			Dix et al. (2019b, f)				
	ACCESS-ESM1-5: historical, ssp370	Input dataset			Ziehn et al. (2019f, j)				
	AWI-CM-1-1-MR: historical, ssp370	Input dataset			Semmler et al. (2018d, 2019a)				
	BCC-CSM2-MR: historical, ssp370	Input dataset			Wu et al. (2018b); Xin et al. (2019c)				
	CESM2: historical, ssp370	Input dataset			Danabasoglu (2019c, f)				
	CESM2-WACCM: historical, ssp370	Input dataset			Danabasoglu (2019k, o)				
	CMCC-CM2-SR5: historical, ssp370	Input dataset			Lovato and Peano (2020b, f)				
	CNRM-CM6-1: historical, ssp370	Input dataset			Voltaire (2018a, 2019c)				
	CNRM-CM6-1-HR: historical, ssp370	Input dataset			Voltaire (2019f, 2020b)				
	CNRM-ESM2-1: historical, ssp370	Input dataset			Seferian (2018b); Voltaire (2019m)				
	CanESM5: historical, ssp370	Input dataset			Swart et al. (2019f, k)				
	CanESM5-CanOE: historical, ssp370	Input dataset			Swart et al. (2019o, s)				
	EC-Earth3: historical, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, g)				
	EC-Earth3-AerChem: historical, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, e)				
	EC-Earth3-Veg: historical, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, o)				
	FGOALS-f3-L: historical, ssp370	Input dataset			Yu (2019a, e)				
	FGOALS-g3: historical, ssp370	Input dataset			Li (2019a, b)				
	GFDL-ESM4: historical, ssp370	Input dataset			John et al. (2018d); Krasting et al. (2018d)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.26d (continued)	GISS-E2-1-G: historical, ssp370	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, 2020e)				
	HadGEM3-GC31-LL: historical	Input dataset			Ridley et al. (2019a)				
	HadGEM3-GC31-MM: historical	Input dataset			Ridley et al. (2019c)				
	INM-CM4-8: historical, ssp370	Input dataset			Volodin et al. (2019b, f)				
	INM-CM5-0: historical, ssp370	Input dataset			Volodin et al. (2019i, m)				
	IPSL-CM6A-LR: historical, ssp370	Input dataset			Boucher et al. (2018b, 2019d)				
	MCM-UA-1-0: historical, ssp370	Input dataset			Stouffer (2019b, f)				
	MIROC-ES2L: historical, ssp370	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019d)				
	MIROC6: historical, ssp370	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019d)				
	MPI-ESM1-2-HR: historical, ssp370	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019c)				
	MPI-ESM1-2-LR: historical, ssp370	Input dataset			Wieners et al. (2019c, g)				
	MRI-ESM2-0: historical, ssp370	Input dataset			Yukimoto et al. (2019d, i)				
	NorESM2-MM: historical, ssp370	Input dataset			Bentsen et al. (2019b, f)				
	TaiESM1: historical, ssp370	Input dataset			Lee and Liang (2020a, e)				
	UKESM1-0-LL: historical, ssp370	Input dataset			Good et al. (2019d); Tang et al. (2019d)				
Code for Figure 4.26d	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)			
Figure 4.27	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, ssp585	Input dataset			Dix et al. (2019b, g)				
	BCC-CSM2-MR: historical, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2019d)				
	CMCC-CM2-SR5: historical, ssp585	Input dataset			Lovato and Peano (2020b, g)				
	EC-Earth3: historical, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, h)				
	HadGEM3-GC31-MM: historical, ssp585	Input dataset			Ridley et al. (2019c); Jackson (2020b)				
	KIOST-ESM: historical, ssp585	Input dataset			Kim et al. (2019a, e)				
	MIROC6: historical, ssp585	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019f)				
	MPI-ESM1-2-HR: historical, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019d)				
	MPI-ESM1-2-LR: historical, ssp585	Input dataset			Wieners et al. (2019d, g)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.27 (continued)	MRI-ESM2-0: historical, ssp585	Input dataset			Yukimoto et al. (2019d, k)			
	NESM3: historical, ssp585	Input dataset			Cao (2019c); Cao and Wang (2019b)			
	NorESM2-LM: historical, ssp585	Input dataset			Seland et al. (2019d, i)			
	NorESM2-MM: historical, ssp585	Input dataset			Bentsen et al. (2019b, g)			
Figure 4.28	ECMWF ERA-Interim reanalysis	Input dataset	Daily, DJF, 1986–2005, zg 500 hPa	CC BY-SA 4.0		<a href="http://apps.ecmwf.int/datasets/data/interim-full-modal/">http://apps.ecmwf.int/datasets/data/interim-full-modal/</a>	Dee et al. (2011)	
	NCEP/NCAR reanalysis	Input dataset	Daily, DJF, 1986–2005, zg 500 hPa	CC BY-SA 4.0		<a href="https://psl.noaa.gov/data">https://psl.noaa.gov/data</a>	Kalnay et al. (1996)	
	JRA55 reanalysis	Input dataset	Daily, DJF, 1986–2005, zg 500 hPa	CC BY-SA 4.0			Kobayashi et al. (2015)	
Figure 4.28	<b>CMIP6 data citations</b>							
	ACCESS-CM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Dix et al. (2019b, d, e, f, g)			
	ACCESS-ESM1-5: ssp126, ssp245, ssp370, ssp585	Input dataset			Ziehn et al. (2019h, i, j, k)			
	AWI-CM-1-1-MR: ssp126, ssp245, ssp370, ssp585	Input dataset			Semmler et al. (2018a, b, 2019a, b)			
	AWI-ESM-1-1-LR: historical	Input dataset			Danek et al. (2020)			
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2019a, b, c, d)			
	BCC-ESM1: historical	Input dataset			Zhang et al. (2018a)			
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)			
	CESM2-FV2: historical	Input dataset			Danabasoglu (2019h)			
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)			
	CESM2-WACCM-FV2: historical	Input dataset			Danabasoglu (2019r)			
	CNRM-CM6-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, 2019a, b, c, d)			
	CNRM-CM6-1-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2019f, h, i, 2020a, b)			
	CNRM-ESM2-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b); Voltaire (2019k, l, m, o)			
CanESM5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, i, j, k, m)				
EC-Earth3: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, e, f, g, h)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.28 (continued)	EC-Earth3-AerChem: ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020e)			
	EC-Earth3-Veg: ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019m, n, o, p)			
	FGOALS-f3-L: historical	Input dataset			Yu (2019a)			
	FGOALS-g3: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Li (2019a, b, h)			
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018b, d, e)			
	GISS-E2-1-G: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b)			
	HadGEM3-GC31-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good (2019, 2020a, b); Ridley et al. (2019a)			
	HadGEM3-GC31-MM: historical, ssp126, ssp585	Input dataset			Ridley et al. (2019c); Jackson (2020a, b)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)			
	IPSL-CM6A-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, 2019b, c, d, f)			
	MIROC6: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b) Shiogama et al. (2019b, c, d, f)			
	MPI-ESM1-2-HAM: historical	Input dataset			Neubauer et al. (2019)			
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, c, d)			
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)			
	MRI-ESM2-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, g, h, i, k)			
	NorESM2-LM: ssp126, ssp245, ssp370, ssp585	Input dataset			Seland et al. (2019f, g, h, i)			
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)			
	TaiESM1: historical, ssp585	Input dataset			Lee and Liang (2020a, f)			
	UKESM1-0-LL: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019b, c, d, f); Tang et al. (2019d)			
Figure 4.29a	<b>CMIP6 data citations</b>							
	CESM2: historical, ssp126, ssp370	Input dataset			Danabasoglu (2019c, d, f)			
	CESM2-WACCM: historical, ssp126	Input dataset			Danabasoglu (2019k, m)			



Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.29a (continued)	CNRM-ESM2-1: historical, ssp126	Input dataset			Seferian (2018b); Voldoire (2019k)				
	CanESM5: historical, ssp126	Input dataset			Swart et al. (2019f, i)				
	GFDL-ESM4: historical, ssp126	Input dataset			John et al. (2018b); Krasting et al. (2018d)				
	IPSL-CM6A-LR: historical, ssp126	Input dataset			Boucher et al. (2018b, 2019b)				
	MPI-ESM1-2-HR: historical, ssp126	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a)				
	MPI-ESM1-2-LR: historical, ssp126	Input dataset			Wieners et al. (2019a, g)				
	NorESM2-LM: historical, ssp126	Input dataset			Seland et al. (2019d, f)				
	NorESM2-MM: historical, ssp126	Input dataset			Bentsen et al. (2019b, d)				
	UKESM1-0-LL: historical, ssp126	Input dataset			Good et al. (2019b); Tang et al. (2019d)				
Figure 4.29b	<b>CMIP6 data citations</b>								
	CESM2: historical	Input dataset			Danabasoglu (2019c)				
	CESM2-WACCM: historical, ssp370	Input dataset			Danabasoglu (2019k, o)				
	CNRM-ESM2-1: historical, ssp370	Input dataset			Seferian (2018b); Voldoire (2019m)				
	CanESM5: historical, ssp370	Input dataset			Swart et al. (2019f, k)				
	GFDL-ESM4: historical, ssp370	Input dataset			John et al. (2018d); Krasting et al. (2018d)				
	IPSL-CM6A-LR: historical, ssp370	Input dataset			Boucher et al. (2018b, 2019d)				
	MPI-ESM1-2-HR: historical, ssp370	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019c)				
	MPI-ESM1-2-LR: historical, ssp370	Input dataset			Wieners et al. (2019c, g)				
	NorESM2-LM: historical, ssp370	Input dataset			Seland et al. (2019d, h)				
	NorESM2-MM: historical, ssp370	Input dataset			Bentsen et al. (2019b, f)				
UKESM1-0-LL: historical, ssp370	Input dataset			Good et al. (2019d); Tang et al. (2019d)					
Figure 4.30	<b>CMIP6 data citations</b>								
	AWI-CM-1-1-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Semmler et al. (2018a, b, d, 2019a, b)				
	AWI-ESM-1-1-LR: historical	Input dataset			Danek et al. (2020)				
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b); Xin et al. (2019a, b, c, d)				
	BCC-ESM1: historical	Input dataset			Zhang et al. (2018a)				
	CAMS-CSM1-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Rong (2019b, d, e, f, g, h)				
CAS-ESM2-0: historical	Input dataset			Chai (2020a)					

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.30 (continued)	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g)			
	CESM2-FV2: historical	Input dataset			Danabasoglu (2019h)			
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, m, n, o, q)			
	CESM2-WACCM-FV2: historical	Input dataset			Danabasoglu (2019r)			
	CIesm: historical, ssp126, ssp245, ssp585	Input dataset			Huang (2019a, c, 2020a, b)			
	CMCC-CM2-HR4: historical	Input dataset			Scoccimarro et al. (2020)			
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, d, e, f, g)			
	CNRM-CM6-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, 2019a, b, c, d)			
	CNRM-CM6-1-HR: historical, ssp126	Input dataset			Voltaire (2019f, 2020a)			
	CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b); Voltaire (2019j, k, l, m, o)			
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, h, i, j, k, m)			
	E3SM-1-0: historical	Input dataset			Bader et al. (2019a)			
	E3SM-1-1: historical	Input dataset			Bader et al. (2019c)			
	E3SM-1-1-ECA: historical	Input dataset			Bader et al. (2020b)			
	EC-Earth3: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, e, f, g, h)			
	EC-Earth3-Veg: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, l, m, n, o, p)			
	EC-Earth3-Veg-LR: historical	Input dataset			EC-Earth Consortium (EC-Earth) (2020g)			
	FGOALS-f3-L: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2019a, c, d, e, f)			
	FGOALS-g3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Li (2019b, d, e, f, g, h)			
	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019b, d, e, f)			
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018b, d, e)			
	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			John et al. (2018a, b, c, d, e); Krasting et al. (2018d)			
GISS-E2-1-G: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b)				
GISS-E2-1-G-CC: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019b)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.30 (continued)	GISS-E2-1-H: historical	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2019a)			
	HadGEM3-GC31-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good (2019, 2020a, b); Ridley et al. (2019a)			
	HadGEM3-GC31-MM: historical, ssp126, ssp585	Input dataset			Ridley et al. (2019c); Jackson (2020a, b)			
	IITM-ESM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Choudhury et al. (2019); Gopinathan et al. (2020); Narayanasetti et al. (2020); Panickal et al. (2020); Singh et al. (2020)			
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, d, e, f, g)			
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, k, l, m, n)			
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, 2019a, b, c, d, f)			
	KACE-1-0-G: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019a, b, c, d, f)			
	KIOST-ESM: historical, ssp126, ssp245, ssp585	Input dataset			Kim et al. (2019a, c, d, e)			
	MCM-UA-1-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019b, d, e, f, g)			
	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019a, b, c, d, e)			
	MIROC6: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019a, b, c, d, f)			
	MPI-ESM1-2-HAM: historical, ssp370	Input dataset			Neubauer et al. (2019)			
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, c, d)			
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g)			
	MRI-ESM2-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, f, g, h, i, k)			
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019b)			
	NorCPM1: historical	Input dataset			Bethke et al. (2019)			
	NorESM2-LM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Seland et al. (2019d, f, g, h, i)			
	NorESM2-MM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, d, e, f, g)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.30 (continued)	SAM0-UNICON: historical	Input dataset			Park and Shin (2019)			
	TaiESM1: historical, ssp370, ssp585	Input dataset			Lee and Liang (2020a, e, f)			
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d)			
Figure 4.31a	<b>CMIP6 data citations</b>							
	ACCESS-CM2: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Dix et al. (2019b, c, d, e, f, g)			
	ACCESS-ESM1-5: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Ziehn et al. (2019f, g, h, i, j, k)			
	BCC-CSM2-MR: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b, c); Xin et al. (2019a, b, c, d)			
	CAMS-CSM1-0: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Rong (2019b, c, f, g, h)			
	CESM2: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g); Danabasoglu et al. (2019)			
	CESM2-WACCM: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, l, m, n, o, q)			
	CIESM: historical, piControl	Input dataset			Huang (2019a, b)			
	CMCC-CM2-SR5: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, c, d, e, f, g)			
	CNRM-CM6-1: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, b, 2019a, b, c, d)			
	CNRM-CM6-1-HR: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2019f, g, h, i, 2020a, b)			
	CNRM-ESM2-1: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b, c); Voltaire (2019j, k, l, m, o)			
	CanESM5: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, g, h, i, j, k, m)			
	CanESM5-CanOE: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019o, p, q, r, s, t)			
	EC-Earth3: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, d, e, f, g, h)			
	EC-Earth3-AerChem: historical, piControl, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, d, e)			
	EC-Earth3-Veg: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, l, m, n, o, p)			
EC-Earth3-Veg-LR: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020g, h, i, j, k, l, m)				



Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.31a (continued)	FGOALS-f3-L: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2019a, b, c, d, e, f)			
	FGOALS-g3: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Li (2019a, b, c)			
	FIO-ESM-2-0: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019b, c, d, e, f)			
	GFDL-CM4: historical, piControl, ssp245, ssp585	Input dataset			Guo et al. (2018b, c, d, e)			
	GFDL-ESM4: historical, piControl, ssp245, ssp370, ssp585	Input dataset			John et al. (2018c, d, e); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020b, c, d, e, g)			
	HadGEM3-GC31-LL: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Ridley et al. (2018b, 2019a); Good (2019, 2020a, b)			
	HadGEM3-GC31-MM: historical, piControl, ssp126, ssp585	Input dataset			Ridley et al. (2019c, d); Jackson (2020a, b)			
	INM-CM4-8: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, c, d, e, f, g)			
	INM-CM5-0: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, j, k, l, m, n)			
	IPSL-CM6A-LR: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, c, 2019a, b, c, d, f)			
	KACE-1-0-G: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019a, b, c, d, f, g)			
	KIOST-ESM: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Kim et al. (2019a, b, c, d, e)			
	MCM-UA-1-0: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019b, c, d, e, f, g)			
	MIROC-ES2L: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019b, c, d, e)			
	MIROC6: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019b, c, d, f)			
	MPI-ESM1-2-HR: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019a, b, c, d)			
MPI-ESM1-2-LR: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g, h)				
MRI-ESM2-0: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, e, f, g, h, i, k)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.31a (continued)	NESM3: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019b, c)				
	NorESM2-MM: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, c, e, f, g)				
	TaiESM1: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Lee and Liang (2020a, b, c, d, e, f)				
	UKESM1-0-LL: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d, e)				
	Code for Figure 4.31a	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.31b	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Dix et al. (2019b, c, d, e, f, g)				
	ACCESS-ESM1-5: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Ziehn et al. (2019f, g, h, i, j, k)				
	BCC-CSM2-MR: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b, c); Xin et al. (2019b, c, d)				
	CAMS-CSM1-0: historical, piControl, ssp370, ssp585	Input dataset			Rong (2019b, c, g, h)				
	CESM2: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g); Danabasoglu et al. (2019)				
	CESM2-WACCM: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, l, m, n, o, q)				
	CIESM: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Huang (2019a, b, c, 2020a, b)				
	CMCC-CM2-SR5: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, c, d, e, f, g)				
	CNRM-CM6-1: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, b, 2019a, b, c, d)				
	CNRM-CM6-1-HR: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2019f, g, h, i, 2020a, b)				
	CNRM-ESM2-1: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b, c); Voltaire (2019l, m, o)				
	CanESM5: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, g, h, i, j, k, m)				
	CanESM5-CanOE: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019o, p, q, r, s, t)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
<b>Figure 4.31b</b> <i>(continued)</i>	EC-Earth3: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, d, e, f, g, h)			
	EC-Earth3-AerChem: historical, piControl, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, d, e)			
	EC-Earth3-Veg: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, l, m, n, o, p)			
	EC-Earth3-Veg-LR: historical, piControl, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020g, h, k, l, m)			
	FGOALS-f3-L: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2019a, b, c, d, e, f)			
	FGOALS-g3: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Li (2019a, b, c)			
	FIO-ESM-2-0: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019b, c, d, e, f)			
	GFDL-CM4: historical, piControl, ssp245, ssp585	Input dataset			Guo et al. (2018b, c, d, e)			
	GFDL-ESM4: historical, piControl, ssp245, ssp370, ssp585	Input dataset			John et al. (2018c, d, e); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020c, d, e, g)			
	HadGEM3-GC31-LL: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Ridley et al. (2018b, 2019a); Good (2019, 2020a, b)			
	HadGEM3-GC31-MM: historical, piControl, ssp126, ssp585	Input dataset			Ridley et al. (2019c, d); Jackson (2020a, b)			
	INM-CM4-8: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, c, e, f, g)			
	INM-CM5-0: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, j, l, m, n)			
	IPSL-CM6A-LR: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, c, 2019a, b, c, d, f)			
	KACE-1-0-G: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019a, b, c, d, f, g)			
	KIOST-ESM: historical, piControl, ssp245, ssp585	Input dataset			Kim et al. (2019a, b, d, e)			
MCM-UA-1-0: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019b, c, d, e, f, g)				
MIROC-ES2L: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019c, d, e)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.31b (continued)	MIROC6: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019c, d, f)				
	MPI-ESM1-2-HR: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019b, c, d)				
	MPI-ESM1-2-LR: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019b, c, d, g, h)				
	MRI-ESM2-0: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, e, h, i, k)				
	NESM3: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019b, c)				
	NorESM2-MM: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, c, e, f, g)				
	TaiESM1: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Lee and Liang (2020a, b, c, d, e, f)				
	UKESM1-0-LL: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d, e)				
	Code for Figure 4.31b	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.31c	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Dix et al. (2019b, c, e, f, g)				
	ACCESS-ESM1-5: historical, piControl, ssp370, ssp585	Input dataset			Ziehn et al. (2019f, g, j, k)				
	BCC-CSM2-MR: historical, piControl, ssp370, ssp585	Input dataset			Wu et al. (2018b, c); Xin et al. (2019c, d)				
	CAMS-CSM1-0: historical, piControl, ssp585	Input dataset			Rong (2019b, c, h)				
	CESM2: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, e, f, g); Danabasoglu et al. (2019)				
	CESM2-WACCM: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, l, n, o, q)				
	CIESM: historical, piControl, ssp245, ssp585	Input dataset			Huang (2019a, b, 2020a, b)				
	CMCC-CM2-SR5: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, c, e, f, g)				
	CNRM-CM6-1: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, b, 2019b, c, d)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.31c (continued)	CNRM-CM6-1-HR: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Voltaire (2019f, g, h, i, 2020b)			
	CNRM-ESM2-1: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b, c); Voltaire (2019, m, o)			
	CanESM5: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, g, j, k, m)			
	CanESM5-CanOE: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019o, p, r, s, t)			
	EC-Earth3: historical, piControl, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, f, g, h)			
	EC-Earth3-AerChem: historical, piControl, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, d, e)			
	EC-Earth3-Veg: historical, piControl, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, n, o, p)			
	EC-Earth3-Veg-LR: historical, piControl, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020g, h, k, l, m)			
	FGOALS-f3-L: historical, piControl, ssp370, ssp585	Input dataset			Yu (2019a, b, e, f)			
	FGOALS-g3: historical, piControl, ssp370, ssp585	Input dataset			Li (2019a, b, c)			
	FIO-ESM-2-0: historical, piControl, ssp245, ssp585	Input dataset			Song et al. (2019b, c, e, f)			
	GFDL-CM4: historical, piControl, ssp585	Input dataset			Guo et al. (2018b, c, e)			
	GFDL-ESM4: historical, piControl, ssp370, ssp585	Input dataset			John et al. (2018d, e); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp245, ssp370, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020d, e, g)			
	HadGEM3-GC31-LL: historical, piControl, ssp245, ssp585	Input dataset			Ridley et al. (2018b, 2019a); Good (2019, 2020b)			
	HadGEM3-GC31-MM: historical, piControl, ssp585	Input dataset			Ridley et al. (2019c, d); Jackson (2020b)			
	INM-CM4-8: historical, piControl, ssp370, ssp585	Input dataset			Volodin et al. (2019b, c, f, g)			
INM-CM5-0: historical, piControl, ssp370, ssp585	Input dataset			Volodin et al. (2019i, j, m, n)				
IPSL-CM6A-LR: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, c, 2019c, d, f)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.31c (continued)	KACE-1-0-G: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019b, c, d, f, g)			
	KIOST-ESM: historical, piControl, ssp585	Input dataset			Kim et al. (2019a, b, e)			
	MCM-UA-1-0: historical, piControl, ssp370, ssp585	Input dataset			Stouffer (2019b, c, f, g)			
	MIROC-ES2L: historical, piControl, ssp370, ssp585	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019d, e)			
	MIROC6: historical, piControl, ssp585	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019f)			
	MPI-ESM1-2-HR: historical, piControl, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019c, d)			
	MPI-ESM1-2-LR: historical, piControl, ssp370, ssp585	Input dataset			Wieners et al. (2019c, d, g, h)			
	MRI-ESM2-0: historical, piControl, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, e, i, k)			
	NESM3: historical, piControl, ssp585	Input dataset			Cao (2019c); Cao and Wang (2019b, c)			
	NorESM2-MM: historical, piControl, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, c, f, g)			
	TaiESM1: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Lee and Liang (2020a, b, d, e, f)			
	UKESM1-0-LL: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019c, d, f); Tang et al. (2019d, e)			
	Code for Figure 4.31c	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)	
Figure 4.31d	<b>CMIP6 data citations</b>							
	ACCESS-CM2: historical, piControl, ssp370, ssp585	Input dataset			Dix et al. (2019b, c, f, g)			
	ACCESS-ESM1-5: historical, piControl, ssp585	Input dataset			Ziehn et al. (2019f, g, k)			
	BCC-CSM2-MR: historical, piControl	Input dataset			Wu et al. (2018b, c)			
	CAMS-CSM1-0: historical, piControl	Input dataset			Rong (2019b, c)			
	CESM2: historical, piControl, ssp370, ssp585	Input dataset			Danabasoglu (2019c, f, g); Danabasoglu et al. (2019)			
CESM2-WACCM: historical, piControl, ssp370, ssp585	Input dataset			Danabasoglu (2019k, l, o, q)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.31d (continued)	CIESM: historical, piControl, ssp245, ssp585	Input dataset			Huang (2019a, b, 2020a, b)			
	CMCC-CM2-SR5: historical, piControl, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, c, f, g)			
	CNRM-CM6-1: historical, piControl, ssp370, ssp585	Input dataset			Voltaire (2018a, b, 2019c, d)			
	CNRM-CM6-1-HR: historical, piControl, ssp370, ssp585	Input dataset			Voltaire (2019f, g, i, 2020b)			
	CNRM-ESM2-1: historical, piControl, ssp370, ssp585	Input dataset			Seferian (2018b, c); Voltaire (2019m, o)			
	CanESM5: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, g, j, k, m)			
	CanESM5-CanOE: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019o, p, r, s, t)			
	EC-Earth3: historical, piControl, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, g, h)			
	EC-Earth3-AerChem: historical, piControl, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, d, e)			
	EC-Earth3-Veg: historical, piControl, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, o, p)			
	EC-Earth3-Veg-LR: historical, piControl, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020g, h, l, m)			
	FGOALS-f3-L: historical, piControl, ssp585	Input dataset			Yu (2019a, b, f)			
	FGOALS-g3: historical, piControl	Input dataset			Li (2019b, c)			
	FIO-ESM-2-0: historical, piControl, ssp585	Input dataset			Song et al. (2019b, c, f)			
	GFDL-CM4: historical, piControl, ssp585	Input dataset			Guo et al. (2018b, c, e)			
	GFDL-ESM4: historical, piControl	Input dataset			Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020g)			
	HadGEM3-GC31-LL: historical, piControl, ssp585	Input dataset			Ridley et al. (2018b, 2019a); Good (2020b)			
	HadGEM3-GC31-MM: historical, piControl, ssp585	Input dataset			Ridley et al. (2019c, d); Jackson (2020b)			
	INM-CM4-8: historical, piControl	Input dataset			Volodin et al. (2019b, c)			
INM-CM5-0: historical, piControl	Input dataset			Volodin et al. (2019i, j)				
IPSL-CM6A-LR: historical, piControl, ssp370, ssp585	Input dataset			Boucher et al. (2018b, c, 2019d, f)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.31d (continued)	KACE-1-0-G: historical, piControl, ssp370, ssp585	Input dataset			Byun et al. (2019c, d, f, g)				
	KIOST-ESM: historical, piControl	Input dataset			Kim et al. (2019a, b)				
	MCM-UA-1-0: historical, piControl, ssp585	Input dataset			Stouffer (2019b, c, g)				
	MIROC-ES2L: historical, piControl	Input dataset			Hajima et al. (2019c, d)				
	MIROC6: historical, piControl	Input dataset			Tatebe and Watanabe (2018b, c)				
	MPI-ESM1-2-HR: historical, piControl	Input dataset			Jungclaus et al. (2019a, b)				
	MPI-ESM1-2-LR: historical, piControl	Input dataset			Wieners et al. (2019g, h)				
	MRI-ESM2-0: historical, piControl, ssp585	Input dataset			Yukimoto et al. (2019d, e, k)				
	NESM3: historical, piControl, ssp585	Input dataset			Cao (2019c); Cao and Wang (2019b, c)				
	NorESM2-MM: historical, piControl	Input dataset			Bentsen et al. (2019b, c)				
	TaiESM1: historical, piControl, ssp370, ssp585	Input dataset			Lee and Liang (2020a, b, e, f)				
	UKESM1-0-LL: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019c, d, f); Tang et al. (2019d, e)				
	Code for Figure 4.31d	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.32a	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Dix et al. (2019b, c, d, e, f, g)				
	ACCESS-ESM1-5: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Ziehn et al. (2019f, g, h, i, j, k)				
	BCC-CSM2-MR: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b, c); Xin et al. (2019a, b, c, d)				
	CAMS-CSM1-0: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Rong (2019b, c, f, g, h)				
	CESM2: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g); Danabasoglu et al. (2019)				
	CESM2-WACCM: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, l, m, n, o, q)				
	CIESM: historical, piControl	Input dataset			Huang (2019a, b)				
	CMCC-CM2-SR5: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, c, d, e, f, g)				
	CNRM-CM6-1: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, b, 2019a, b, c, d)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.32a (continued)	CNRM-CM6-1-HR: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2019f, g, h, i, 2020a, b)			
	CNRM-ESM2-1: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b, c); Voltaire (2019j, k, l, m, o)			
	CanESM5: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, g, h, i, j, k, m)			
	CanESM5-CanOE: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019o, p, q, r, s, t)			
	EC-Earth3: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, d, e, f, g, h)			
	EC-Earth3-AerChem: historical, piControl, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, d, e)			
	EC-Earth3-Veg: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, l, m, n, o, p)			
	EC-Earth3-Veg-LR: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020g, h, i, j, k, l, m)			
	FGOALS-f3-L: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2019a, b, c, d, e, f)			
	FGOALS-g3: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Li (2019a, b, c)			
	GFDL-CM4: historical, piControl, ssp245, ssp585	Input dataset			Guo et al. (2018b, c, d, e)			
	GFDL-ESM4: historical, piControl, ssp245, ssp370, ssp585	Input dataset			John et al. (2018c, d, e); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020b, c, d, e, g)			
	HadGEM3-GC31-LL: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Ridley et al. (2018b, 2019a); Good (2019, 2020a, b)			
	HadGEM3-GC31-MM: historical, piControl, ssp126, ssp585	Input dataset			Ridley et al. (2019c, d); Jackson (2020a, b)			
	INM-CM4-8: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, c, d, e, f, g)			
INM-CM5-0: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, j, k, l, m, n)				
IPSL-CM6A-LR: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, c, 2019a, b, c, d, f)				
KACE-1-0-G: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019a, b, c, d, f, g)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.32a (continued)	MCM-UA-1-0: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019b, c, d, e, f, g)				
	MIROC-ES2L: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019b, c, d, e)				
	MIROC6: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019b, c, d, f)				
	MPI-ESM1-2-HR: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019a, b, c, d)				
	MPI-ESM1-2-LR: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019a, b, c, d, g, h)				
	MRI-ESM2-0: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, e, f, g, h, i, k)				
	NESM3: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019b, c)				
	NorESM2-MM: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, c, e, f, g)				
	TaiESM1: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Lee and Liang (2020a, b, c, d, e, f)				
	UKESM1-0-LL: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d, e)				
	Code for Figure 4.32a	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.32b	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Dix et al. (2019b, c, d, e, f, g)				
	ACCESS-ESM1-5: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Ziehn et al. (2019f, g, h, i, j, k)				
	BCC-CSM2-MR: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018b, c); Xin et al. (2019b, c, d)				
	CAMS-CSM1-0: historical, piControl, ssp370, ssp585	Input dataset			Rong (2019b, c, g, h)				
	CESM2: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, e, f, g); Danabasoglu et al. (2019)				
	CESM2-WACCM: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, l, m, n, o, q)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.32b (continued)	CIESM: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Huang (2019a, b, c, 2020a, b)			
	CMCC-CM2-SR5: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, c, d, e, f, g)			
	CNRM-CM6-1: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, b, 2019a, b, c, d)			
	CNRM-CM6-1-HR: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2019f, g, h, i, 2020a, b)			
	CNRM-ESM2-1: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b, c); Voltaire (2019, m, o)			
	CanESM5: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, g, h, i, j, k, m)			
	CanESM5-CanOE: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019o, p, q, r, s, t)			
	EC-Earth3: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, d, e, f, g, h)			
	EC-Earth3-AerChem: historical, piControl, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, d, e)			
	EC-Earth3-Veg: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, l, m, n, o, p)			
	EC-Earth3-Veg-LR: historical, piControl, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020g, h, k, l, m)			
	FGOALS-f3-L: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Yu (2019a, b, c, d, e, f)			
	FGOALS-g3: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Li (2019a, b, c)			
	GFDL-CM4: historical, piControl, ssp245, ssp585	Input dataset			Guo et al. (2018b, c, d, e)			
	GFDL-ESM4: historical, piControl, ssp245, ssp370, ssp585	Input dataset			John et al. (2018c, d, e); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020c, d, e, g)			
	HadGEM3-GC31-LL: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Ridley et al. (2018b, 2019a); Good (2019, 2020a, b)			
HadGEM3-GC31-MM: historical, piControl, ssp126, ssp585	Input dataset			Ridley et al. (2019c, d); Jackson (2020a, b)				
INM-CM4-8: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019b, c, e, f, g)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.32b (continued)	INM-CM5-0: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019i, j, l, m, n)				
	IPSL-CM6A-LR: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, c, 2019a, b, c, d, f)				
	KACE-1-0-G: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019a, b, c, d, f, g)				
	MCM-UA-1-0: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019b, c, d, e, f, g)				
	MIROC-ES2L: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019c, d, e)				
	MIROC6: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019c, d, f)				
	MPI-ESM1-2-HR: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019b, c, d)				
	MPI-ESM1-2-LR: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Wieners et al. (2019b, c, d, g, h)				
	MRI-ESM2-0: historical, piControl, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, e, h, i, k)				
	NESM3: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019b, c)				
	NorESM2-MM: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, c, e, f, g)				
	TaiESM1: historical, piControl, ssp126, ssp245, ssp370, ssp585	Input dataset			Lee and Liang (2020a, b, c, d, e, f)				
	UKESM1-0-LL: historical, piControl, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, f); Tang et al. (2019d, e)				
	Code for Figure 4.32b	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.32c	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Dix et al. (2019b, c, e, f, g)				
	ACCESS-ESM1-5: historical, piControl, ssp370, ssp585	Input dataset			Ziehn et al. (2019f, g, j, k)				
	BCC-CSM2-MR: historical, piControl, ssp370, ssp585	Input dataset			Wu et al. (2018b, c); Xin et al. (2019c, d)				
	CAMS-CSM1-0: historical, piControl, ssp585	Input dataset			Rong (2019b, c, h)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.32c (continued)	CESM2: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019c, e, f, g); Danabasoglu et al. (2019)			
	CESM2-WACCM: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019k, l, n, o, q)			
	CIesm: historical, piControl, ssp245, ssp585	Input dataset			Huang (2019a, b, 2020a, b)			
	CMCC-CM2-SR5: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, c, e, f, g)			
	CNRM-CM6-1: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, b, 2019b, c, d)			
	CNRM-CM6-1-HR: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Voltaire (2019f, g, h, i, 2020b)			
	CNRM-ESM2-1: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Seferian (2018b, c); Voltaire (2019, m, o)			
	CanESM5: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, g, j, k, m)			
	CanESM5-CanOE: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019o, p, r, s, t)			
	EC-Earth3: historical, piControl, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, f, g, h)			
	EC-Earth3-AerChem: historical, piControl, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, d, e)			
	EC-Earth3-Veg: historical, piControl, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, n, o, p)			
	EC-Earth3-Veg-LR: historical, piControl, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020g, h, k, l, m)			
	FGOALS-f3-L: historical, piControl, ssp370, ssp585	Input dataset			Yu (2019a, b, e, f)			
	GFDL-CM4: historical, piControl, ssp585	Input dataset			Guo et al. (2018b, c, e)			
	GFDL-ESM4: historical, piControl, ssp370, ssp585	Input dataset			John et al. (2018d, e); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp245, ssp370, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020d, e, g)			
	HadGEM3-GC31-LL: historical, piControl, ssp245, ssp585	Input dataset			Ridley et al. (2018b, 2019a); Good (2019, 2020b)			
	HadGEM3-GC31-MM: historical, piControl, ssp585	Input dataset			Ridley et al. (2019c, d); Jackson (2020b)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.32c (continued)	INM-CM4-8: historical, piControl, ssp370, ssp585	Input dataset			Volodin et al. (2019b, c, f, g)				
	INM-CM5-0: historical, piControl, ssp370, ssp585	Input dataset			Volodin et al. (2019i, j, m, n)				
	IPSL-CM6A-LR: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018b, c, 2019c, d, f)				
	KACE-1-0-G: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019b, c, d, f, g)				
	MCM-UA-1-0: historical, piControl, ssp370, ssp585	Input dataset			Stouffer (2019b, c, f, g)				
	MIROC-ES2L: historical, piControl, ssp370, ssp585	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019d, e)				
	MIROC6: historical, piControl, ssp585	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019f)				
	MPI-ESM1-2-HR: historical, piControl, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019c, d)				
	MPI-ESM1-2-LR: historical, piControl, ssp370, ssp585	Input dataset			Wieners et al. (2019c, d, g, h)				
	MRI-ESM2-0: historical, piControl, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, e, i, k)				
	NESM3: historical, piControl, ssp585	Input dataset			Cao (2019c); Cao and Wang (2019b, c)				
	NorESM2-MM: historical, piControl, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, c, f, g)				
	TaiESM1: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Lee and Liang (2020a, b, d, e, f)				
	UKESM1-0-LL: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019c, d, f); Tang et al. (2019d, e)				
	Code for Figure 4.32c	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.32d	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, piControl, ssp370, ssp585	Input dataset			Dix et al. (2019b, c, f, g)				
	ACCESS-ESM1-5: historical, piControl, ssp585	Input dataset			Ziehn et al. (2019f, g, k)				
	BCC-CSM2-MR: historical, piControl	Input dataset			Wu et al. (2018b, c)				
	CAMS-CSM1-0: historical, piControl	Input dataset			Rong (2019b, c)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.32d (continued)	CESM2: historical, piControl, ssp370, ssp585	Input dataset			Danabasoglu (2019c, f, g); Danabasoglu et al. (2019)			
	CESM2-WACCM: historical, piControl, ssp370, ssp585	Input dataset			Danabasoglu (2019k, l, o, q)			
	CIesm: historical, piControl, ssp245, ssp585	Input dataset			Huang (2019a, b, 2020a, b)			
	CMCC-CM2-SR5: historical, piControl, ssp370, ssp585	Input dataset			Lovato and Peano (2020b, c, f, g)			
	CNRM-CM6-1: historical, piControl, ssp370, ssp585	Input dataset			Voltaire (2018a, b, 2019c, d)			
	CNRM-CM6-1-HR: historical, piControl, ssp370, ssp585	Input dataset			Voltaire (2019f, g, i, 2020b)			
	CNRM-ESM2-1: historical, piControl, ssp370, ssp585	Input dataset			Seferian (2018b, c); Voltaire (2019m, o)			
	CanESM5: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019f, g, j, k, m)			
	CanESM5-CanOE: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019o, p, r, s, t)			
	EC-Earth3: historical, piControl, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, g, h)			
	EC-Earth3-AerChem: historical, piControl, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020c, d, e)			
	EC-Earth3-Veg: historical, piControl, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, o, p)			
	EC-Earth3-Veg-LR: historical, piControl, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020g, h, l, m)			
	FGOALS-f3-L: historical, piControl, ssp585	Input dataset			Yu (2019a, b, f)			
	GFDL-CM4: historical, piControl, ssp585	Input dataset			Guo et al. (2018b, c, e)			
	GFDL-ESM4: historical, piControl	Input dataset			Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020g)			
	HadGEM3-GC31-LL: historical, piControl, ssp585	Input dataset			Ridley et al. (2018b, 2019a); Good (2020b)			
	HadGEM3-GC31-MM: historical, piControl, ssp585	Input dataset			Ridley et al. (2019c, d); Jackson (2020b)			
	INM-CM4-8: historical, piControl	Input dataset			Volodin et al. (2019b, c)			
INM-CM5-0: historical, piControl	Input dataset			Volodin et al. (2019i, j)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.32d (continued)	IPSL-CM6A-LR: historical, piControl, ssp370, ssp585	Input dataset			Boucher et al. (2018b, c, 2019d, f)				
	KACE-1-0-G: historical, piControl, ssp370, ssp585	Input dataset			Byun et al. (2019c, d, f, g)				
	MCM-UA-1-0: historical, piControl, ssp585	Input dataset			Stouffer (2019b, c, g)				
	MIROC-ES2L: historical, piControl	Input dataset			Hajima et al. (2019c, d)				
	MIROC6: historical, piControl	Input dataset			Tatebe and Watanabe (2018b, c)				
	MPI-ESM1-2-HR: historical, piControl	Input dataset			Jungclaus et al. (2019a, b)				
	MPI-ESM1-2-LR: historical, piControl	Input dataset			Wieners et al. (2019g, h)				
	MRI-ESM2-0: historical, piControl, ssp585	Input dataset			Yukimoto et al. (2019d, e, k)				
	NESM3: historical, piControl, ssp585	Input dataset			Cao (2019c); Cao and Wang (2019b, c)				
	NorESM2-MM: historical, piControl	Input dataset			Bentsen et al. (2019b, c)				
	TaiESM1: historical, piControl, ssp370, ssp585	Input dataset			Lee and Liang (2020a, b, e, f)				
	UKESM1-0-LL: historical, piControl, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019c, d, f); Tang et al. (2019d, e)				
	Code for Figure 4.32d	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		
Figure 4.33	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Dix et al. (2019b, c, d, f, g)				
	ACCESS-ESM1-5: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Ziehn et al. (2019f, g, h, j, k)				
	AWI-CM-1-1-MR: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Semmler et al. (2018a, d, e, 2019a, b)				
	BCC-CSM2-MR: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Wu et al. (2018b, c); Xin et al. (2019a, c, d)				
	CESM2: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Danabasoglu (2019c, d, f, g); Danabasoglu et al. (2019)				
	CESM2-WACCM: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Danabasoglu (2019k, l, m, o, q)				
	CIESM: historical, piControl, ssp126, ssp585	Input dataset			Huang (2019a, b, c, 2020b)				
	CNRM-CM6-1: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Voltaire (2018a, b, 2019a, c, d)				



Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.33 (continued)	CNRM-CM6-1-HR: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Voltaire (2019f, g, i, 2020a, b)			
	CNRM-ESM2-1: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Seferian (2018b, c); Voltaire (2019k, m, o)			
	CanESM5: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Swart et al. (2019f, g, i, k, m)			
	CanESM5-CanOE: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Swart et al. (2019o, p, q, s, t)			
	EC-Earth3: historical, piControl, ssp126, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, e, g, h)			
	EC-Earth3-Veg: historical, piControl, ssp126, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, m, o, p)			
	EC-Earth3-Veg-LR: ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020m)			
	FGOALS-f3-L: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Yu (2019a, b, c, e, f)			
	FGOALS-g3: historical, piControl, ssp370, ssp585, ssp126	Input dataset			Li (2019a, b, c, e)			
	GFDL-CM4: ssp585	Input dataset			Guo et al. (2018e)			
	GFDL-ESM4: historical, piControl, ssp126, ssp370, ssp585	Input dataset			John et al. (2018b, d, e); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp126, ssp370, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020c, e, g)			
	HadGEM3-GC31-LL: historical, piControl, ssp126, ssp585	Input dataset			Ridley et al. (2018b, 2019a); Good (2020a, b)			
	HadGEM3-GC31-MM: historical, piControl, ssp126, ssp585	Input dataset			Ridley et al. (2019c, d); Jackson (2020a, b)			
	INM-CM4-8: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Volodin et al. (2019b, c, d, f, g)			
	INM-CM5-0: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Volodin et al. (2019i, j, k, m, n)			
	IPSL-CM6A-LR: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Boucher et al. (2018b, c, 2019b, d, f)			
	KACE-1-0-G: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Byun et al. (2019a, c, d, f, g)			
	MCM-UA-1-0: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Stouffer (2019b, c, d, f, g)			
	MIROC-ES2L: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019b, d, e)			

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.33 (continued)	MIROC6: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019b, d, f)				
	MPI-ESM1-2-HR: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019a, c, d)				
	MPI-ESM1-2-LR: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Wieners et al. (2019a, c, d, g, h)				
	MRI-ESM2-0: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Yukimoto et al. (2019d, e, g, i, k)				
	NESM3: historical, piControl, ssp126, ssp585	Input dataset			Cao (2019a, c); Cao and Wang (2019b, c)				
	NorESM2-MM: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Bentsen et al. (2019b, c, d, f, g)				
	UKESM1-0-LL: historical, piControl, ssp126, ssp370, ssp585	Input dataset			Good et al. (2019b, d, f); Tang et al. (2019d, e)				
Figure 4.34a	<b>CMIP6 data citations</b>								
	CESM2-WACCM: historical, ssp534-over, ssp585	Input dataset			Danabasoglu (2019k, p, q)				
	CNRM-ESM2-1: historical, ssp534-over, ssp585	Input dataset			Seferian (2018b); Voltaire (2019n, o)				
	CanESM5: historical, ssp534-over, ssp585	Input dataset			Swart et al. (2019f, l, m)				
	EC-Earth3: historical, ssp534-over, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, h, 2020a)				
	FGOALS-g3: historical, ssp534-over, ssp585	Input dataset			Li (2019b, h, 2020)				
	GISS-E2-1-G: historical, ssp534-over, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, 2020f, g)				
	IPSL-CM6A-LR: historical, ssp534-over, ssp585	Input dataset			Boucher et al. (2018b, 2019e, f)				
	MIROC-ES2L: historical, ssp534-over, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019e); Tachiiri and Kawamiya (2020)				
	MIROC6: historical, ssp534-over, ssp585	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019e, f)				
	MRI-ESM2-0: historical, ssp534-over, ssp585	Input dataset			Yukimoto et al. (2019d, j, k)				
UKESM1-0-LL: historical, ssp534-over, ssp585	Input dataset			Good et al. (2019e, f); Tang et al. (2019d)					

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.34b	<b>CMIP6 data citations</b>								
	CESM2-WACCM: historical, ssp534-over, ssp585	Input dataset			Danabasoglu (2019k, p, q)				
	CNRM-ESM2-1: historical, ssp534-over, ssp585	Input dataset			Seferian (2018b); Voldoire (2019n, o)				
	CanESM5: historical, ssp534-over, ssp585	Input dataset			Swart et al. (2019f, l, m)				
	EC-Earth3: historical, ssp534-over, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, h, 2020a)				
	FGOALS-g3: historical, ssp534-over, ssp585	Input dataset			Li (2019b, h, 2020)				
	GISS-E2-1-G: historical, ssp534-over, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, 2020f, g)				
	IPSL-CM6A-LR: historical, ssp534-over, ssp585	Input dataset			Boucher et al. (2018b, 2019e, f)				
	MIROC-ES2L: historical, ssp534-over, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019e); Tachiiri and Kawamiya (2020)				
	MIROC6: historical, ssp534-over, ssp585	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019e, f)				
	MRI-ESM2-0: historical, ssp534-over, ssp585	Input dataset			Yukimoto et al. (2019d, j, k)				
UKESM1-0-LL: historical, ssp534-over, ssp585	Input dataset			Good et al. (2019e, f); Tang et al. (2019d)					
Figure 4.34c	<b>CMIP6 data citations</b>								
	CanESM5: historical, ssp534-over, ssp585	Input dataset			Swart et al. (2019f, l, m)				
	EC-Earth3: historical, ssp534-over, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, h, 2020a)				
	FGOALS-g3: historical, ssp534-over, ssp585	Input dataset			Li (2019b, h, 2020)				
	IPSL-CM6A-LR: historical, ssp534-over, ssp585	Input dataset			Boucher et al. (2018b, 2019e, f)				
	MIROC-ES2L: historical, ssp534-over, ssp585	Input dataset			Hajima et al. (2019c); Tachiiri et al. (2019e); Tachiiri and Kawamiya (2020)				
	MIROC6: historical, ssp534-over, ssp585	Input dataset			Tatebe and Watanabe (2018b); Shiogama et al. (2019e, f)				
	MRI-ESM2-0: historical, ssp534-over, ssp585	Input dataset			Yukimoto et al. (2019d, j, k)				
UKESM1-0-LL: historical, ssp534-over, ssp585	Input dataset			Good et al. (2019e, f); Tang et al. (2019d)					

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.34d	<b>CMIP6 data citations</b>								
	CNRM-ESM2-1: historical, ssp534-over, ssp585	Input dataset			Seferian (2018b); Voldoire (2019n, o)				
	CanESM5: historical, ssp534-over, ssp585	Input dataset			Swart et al. (2019f, l, m)				
	MRI-ESM2-0: historical, ssp534-over, ssp585	Input dataset			Yukimoto et al. (2019d, j, k)				
	UKESM1-0-LL: historical, ssp534-over, ssp585	Input dataset			Good et al. (2019e, f); Tang et al. (2019d)				
Figure 4.35	GSAT data: MAGICC AR6-WGI calibration SSP and RCP experiments (including 2300 extension)	Code				<a href="https://gitlab.com/magicc/ar6-wg1-plots-and-processing/-/blob/main/notebooks/fig-4-35-lower/fig-4-35-lower_ssp5-v-rcps.ipynb">https://gitlab.com/magicc/ar6-wg1-plots-and-processing/-/blob/main/notebooks/fig-4-35-lower/fig-4-35-lower_ssp5-v-rcps.ipynb</a>	Meinshausen et al. (2009, 2011, 2020)	Cross-Chapter Box 7.1	
	ERF data	Code		MIT (as part of Chris Smith's AR6 repository)		<a href="https://github.com/chrisroadmap/ar6/blob/main/notebooks/110_chapter4_SSP_ERF.ipynb">https://github.com/chrisroadmap/ar6/blob/main/notebooks/110_chapter4_SSP_ERF.ipynb</a>		Chapter 7.SM.1.4	
Figure 4.37a	<b>CMIP6 data citations</b>								
	ACCESS-ESM1-5: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Ziehn et al. (2019b, d, g)				
	CESM2: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Danabasoglu (2019a, b); Danabasoglu et al. (2019)				
	CNRM-ESM2-1: 1pctCO2, 1pctCO2-cdr, piControl	Input dataset			Seferian (2021a, b)				
	CanESM5: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Swart et al. (2019b, d, g)				
	MIROC-ES2L: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Hajima et al. (2019b, d, 2020c)				
	MPI-ESM1-2-LR: piControl	Input dataset			Wieners et al. (2019h)				
	NorESM2-LM: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Seland et al. (2019b, e); Tjiputra et al. (2019)				
	UKESM1-0-LL: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Tang et al. (2019b, e); Jones et al. (2020)				



Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.37b	<b>CMIP6 data citations</b>								
	ACCESS-ESM1-5: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Ziehn et al. (2019b, d, g)				
	CESM2: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Danabasoglu (2019a, b); Danabasoglu et al. (2019)				
	CNRM-ESM2-1: 1pctCO2, 1pctCO2-cdr, piControl	Input dataset			Seferian (2021a, b)				
	CanESM5: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Swart et al. (2019b, d, g)				
	MIROC-ES2L: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Hajima et al. (2019b, d, 2020c)				
	MPI-ESM1-2-LR: piControl	Input dataset			Wieners et al. (2019h)				
	NorESM2-LM: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Seland et al. (2019b, e); Tjiputra et al. (2019)				
UKESM1-0-LL: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Tang et al. (2019b, e); Jones et al. (2020)					
Figure 4.37c	<b>CMIP6 data citations</b>								
	ACCESS-ESM1-5: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Ziehn et al. (2019b, d, g)				
	CESM2: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Danabasoglu (2019a, b); Danabasoglu et al. (2019)				
	CNRM-ESM2-1: 1pctCO2, 1pctCO2-cdr, piControl	Input dataset			Seferian (2021a, b)				
	CanESM5: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Swart et al. (2019b, d, g)				
	MIROC-ES2L: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Hajima et al. (2019b, d, 2020c)				
	MPI-ESM1-2-LR: piControl	Input dataset			Wieners et al. (2019h)				
	NorESM2-LM: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Seland et al. (2019b, e); Tjiputra et al. (2019)				
UKESM1-0-LL: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Tang et al. (2019b, e); Jones et al. (2020)					
Figure 4.37d	<b>CMIP6 data citations</b>								
	CESM2: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Danabasoglu (2019a, b); Danabasoglu et al. (2019)				
	CNRM-ESM2-1: 1pctCO2, 1pctCO2-cdr, piControl	Input dataset			Seferian (2021a, b)				
	CanESM5: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Swart et al. (2019b, d, g)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.37e	<b>CMIP6 data citations</b>								
	CESM2: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Danabasoglu (2019a, b); Danabasoglu et al. (2019)				
	CNRM-ESM2-1: 1pctCO2, 1pctCO2-cdr, piControl	Input dataset			Seferian (2021a, b)				
	CanESM5: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Swart et al. (2019b, d, g)				
	NorESM2-LM: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Seland et al. (2019b, e); Tjiputra et al. (2019)				
	UKESM1-0-LL: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Tang et al. (2019b, e); Jones et al. (2020)				
Figure 4.37f	<b>CMIP6 data citations</b>								
	ACCESS-ESM1-5: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Ziehn et al. (2019b, d, g)				
	CESM2: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Danabasoglu (2019a, b); Danabasoglu et al. (2019)				
	CNRM-ESM2-1: 1pctCO2, 1pctCO2-cdr, piControl	Input dataset			Seferian (2021a, b)				
	CanESM5: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Swart et al. (2019b, d, g)				
	MIROC-ES2L: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Hajima et al. (2019b, d, 2020c)				
	MPI-ESM1-2-LR: piControl	Input dataset			Wieners et al. (2019h)				
	NorESM2-LM: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Seland et al. (2019b, e); Tjiputra et al. (2019)				
UKESM1-0-LL: 1pctCO2-cdr, 1pctCO2, piControl	Input dataset			Tang et al. (2019b, e); Jones et al. (2020)					
Figure 4.38a	<b>CMIP5 data</b>								
	BNU-ESM: abrupt4xCO2, piControl	Input dataset							
	CESM-CAM5-1-FV2: abrupt4xCO2, piControl	Input dataset							
	CSIRO-Mk3L-1-2: abrupt4xCO2, piControl	Input dataset							
	CanESM2: abrupt4xCO2, piControl	Input dataset							
	EC-EARTH: abrupt4xCO2, piControl	Input dataset							
	GISS-E2-R: abrupt4xCO2, piControl	Input dataset							
	HadGEM2-ES: abrupt4xCO2, piControl	Input dataset							
IPSL-CM5A-LR: abrupt4xCO2, piControl	Input dataset								

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.38a <i>(continued)</i>	MIROC-ESM: abrupt4xCO2, piControl	Input dataset						
	MPI-ESM-LR: abrupt4xCO2, piControl	Input dataset						
	NorESM1-M: abrupt4xCO2, piControl	Input dataset						
Figure 4.38b	<b>CMIP5 data</b>							
	BNU-ESM: abrupt4xCO2, piControl	Input dataset						
	CESM-CAM5-1-FV2: abrupt4xCO2, piControl	Input dataset						
	CSIRO-Mk3L-1-2: abrupt4xCO2, piControl	Input dataset						
	CanESM2: abrupt4xCO2, piControl	Input dataset						
	EC-EARTH: abrupt4xCO2, piControl	Input dataset						
	GISS-E2-R: abrupt4xCO2, piControl	Input dataset						
	HadGEM2-ES: abrupt4xCO2, piControl	Input dataset						
	IPSL-CM5A-LR: abrupt4xCO2, piControl	Input dataset						
	MIROC-ESM: abrupt4xCO2, piControl	Input dataset						
	MPI-ESM-LR: abrupt4xCO2, piControl	Input dataset						
NorESM1-M: abrupt4xCO2, piControl	Input dataset							
Figure 4.38c	<b>CMIP5 data citations</b>							
	BNU-ESM: G1, abrupt4xCO2	Input dataset						
	CESM-CAM5-1-FV2: G1, abrupt4xCO2	Input dataset						
	CSIRO-Mk3L-1-2: G1, abrupt4xCO2	Input dataset						
	CanESM2: G1, abrupt4xCO2	Input dataset						
	EC-EARTH: G1, abrupt4xCO2	Input dataset						
	GISS-E2-R: G1, abrupt4xCO2	Input dataset						
	HadGEM2-ES: G1, abrupt4xCO2	Input dataset						
	IPSL-CM5A-LR: G1, abrupt4xCO2	Input dataset						
	MIROC-ESM: G1, abrupt4xCO2	Input dataset						
	MPI-ESM-LR: G1, abrupt4xCO2	Input dataset						
NorESM1-M: abrupt4xCO2, G1	Input dataset							
Figure 4.38d	<b>CMIP5 data</b>							
	BNU-ESM: G1, abrupt4xCO2	Input dataset						
	CESM-CAM5-1-FV2: G1, abrupt4xCO2	Input dataset						
	CSIRO-Mk3L-1-2: G1, abrupt4xCO2	Input dataset						
	CanESM2: G1, abrupt4xCO2	Input dataset						

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.38d (continued)	EC-EARTH: G1, abrupt4xCO2	Input dataset						
	GISS-E2-R: G1, abrupt4xCO2	Input dataset						
	HadGEM2-ES: G1, abrupt4xCO2	Input dataset						
	IPSL-CM5A-LR: G1, abrupt4xCO2	Input dataset						
	MIROC-ESM: G1, abrupt4xCO2	Input dataset						
	MPI-ESM-LR: G1, abrupt4xCO2	Input dataset						
	NorESM1-M: abrupt4xCO2, G1	Input dataset						
Figure 4.38e	<b>CMIP5 data</b>							
	BNU-ESM: G4, rcp45	Input dataset						
	CanESM2: G4, rcp45	Input dataset						
	GISS-E2-R: G4, rcp45	Input dataset						
	HadGEM2-ES: G4, rcp45	Input dataset						
	MIROC-ESM: G4, rcp45	Input dataset						
	MIROC-ESM-CHEM: G4, rcp45	Input dataset						
Figure 4.38f	<b>CMIP5 data</b>							
	BNU-ESM: G4, rcp45	Input dataset						
	CanESM2: G4, rcp45	Input dataset						
	GISS-E2-R: G4, rcp45	Input dataset						
	HadGEM2-ES: G4, rcp45	Input dataset						
	MIROC-ESM: G4, rcp45	Input dataset						
	MIROC-ESM-CHEM: G4, rcp45	Input dataset						
Figure 4.38g	<b>CMIP5 data</b>							
	BNU-ESM: G4cdnc, rcp45	Input dataset						
	CSIRO-Mk3L-1-2: G4cdnc, rcp45	Input dataset						
	CanESM2: G4cdnc, rcp45	Input dataset						
	HadGEM2-ES: G4cdnc, rcp45	Input dataset						
	IPSL-CM5A-LR: G4cdnc, rcp45	Input dataset						
	MIROC-ESM: G4cdnc, rcp45	Input dataset						
	MIROC-ESM-CHEM: rcp45	Input dataset						
	MPI-ESM-LR: G4cdnc, rcp45	Input dataset						
NorESM1-M: rcp45, G4cdnc	Input dataset							

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.38h	<b>CMIP5 data</b>							
	BNU-ESM: G4cdnc, rcp45	Input dataset						
	CSIRO-Mk3L-1-2: G4cdnc, rcp45	Input dataset						
	CanESM2: G4cdnc, rcp45	Input dataset						
	HadGEM2-ES: G4cdnc, rcp45	Input dataset						
	IPSL-CM5A-LR: G4cdnc, rcp45	Input dataset						
	MIROC-ESM: G4cdnc, rcp45	Input dataset						
	MIROC-ESM-CHEM: rcp45	Input dataset						
	MPI-ESM-LR: G4cdnc, rcp45	Input dataset						
NorESM1-M: rcp45, G4cdnc	Input dataset							
Figure 4.39	Zero emissions commitment from CO <sub>2</sub>	Input dataset				<a href="http://terra.seos.uvic.ca/ZEC/Data/">http://terra.seos.uvic.ca/ZEC/Data/</a>	MacDougall et al. (2020)	
	CMIP6 CMIP and C4MIP simulation	Input dataset	CMIP6.CMIP.NOAA-GFDL.GFDL-ESM4.1pctCO2.r1i1p1f1.Amon.tas.gr1.v20180701	CC BY-SA 4.0		<a href="https://esgf-node.llnl.gov/search/cmip6/">https://esgf-node.llnl.gov/search/cmip6/</a>		
			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								
Figure 4.40	MAGICC AR6-WGI calibration SSP and RCP experiments (including 2300 extension)	Code				<a href="https://gitlab.com/magicc/ar6-wg1-plots-and-processing/-/blob/main/notebooks/fig-4-40-a/fig-4-40-a-long-term-climate-projections-magicc.ipynb">https://gitlab.com/magicc/ar6-wg1-plots-and-processing/-/blob/main/notebooks/fig-4-40-a/fig-4-40-a-long-term-climate-projections-magicc.ipynb</a>	Meinshausen et al. (2009, 2011, 2020)	Cross-Chapter Box 7.1

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.40a	<b>CMIP6 data citations</b>								
	CESM2-WACCM: historical, ssp126, ssp534-over, ssp585	Input dataset			Danabasoglu (2019k, m, p, q)				
	CanESM5: historical, ssp126, ssp534-over, ssp585	Input dataset			Swart et al. (2019f, i, l, m)				
	GISS-E2-1-G: historical, ssp534-over	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, 2020f)				
	IPSL-CM6A-LR: historical, ssp126, ssp534-over, ssp585	Input dataset			Boucher et al. (2018b, 2019b, e, f)				
	MRI-ESM2-0: historical, ssp126, ssp534-over, ssp585	Input dataset			Yukimoto et al. (2019d, g, j, k)				
	UKESM1-0-LL: historical, ssp126, ssp534-over, ssp585	Input dataset			Good et al. (2019b, e, f); Tang et al. (2019d)				
Figure 4.40c	<b>CMIP6 data citations</b>								
	CESM2-WACCM: historical, ssp126, ssp534-over, ssp585	Input dataset			Danabasoglu (2019k, m, p, q)				
	CanESM5: historical, ssp126, ssp534-over, ssp585	Input dataset			Swart et al. (2019f, i, l, m)				
	GISS-E2-1-G: historical, ssp534-over	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, 2020f)				
	IPSL-CM6A-LR: historical, ssp126, ssp534-over, ssp585	Input dataset			Boucher et al. (2018b, 2019b, e, f)				
	MRI-ESM2-0: historical, ssp126, ssp534-over, ssp585	Input dataset			Yukimoto et al. (2019d, g, j, k)				
	UKESM1-0-LL: historical, ssp126, ssp534-over, ssp585	Input dataset			Good et al. (2019b, e, f); Tang et al. (2019d)				
Figure 4.40d	<b>CMIP6 data citations</b>								
	CanESM5: historical, ssp126, ssp534-over, ssp585	Input dataset			Swart et al. (2019f, i, l, m)				
	IPSL-CM6A-LR: historical, ssp126, ssp534-over, ssp585	Input dataset			Boucher et al. (2018b, 2019b, e, f)				
	MRI-ESM2-0: historical, ssp126, ssp534-over, ssp585	Input dataset			Yukimoto et al. (2019d, g, j, k)				
	UKESM1-0-LL: historical, ssp126, ssp534-over, ssp585	Input dataset			Good et al. (2019b, e, f); Tang et al. (2019d)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes	
Figure 4.41	<b>CMIP6 data citations</b>								
	ACCESS-CM2: historical, piControl, ssp126, ssp585	Input dataset			Dix et al. (2019b, c, d, g)				
	ACCESS-ESM1-5: historical, piControl, ssp126, ssp585	Input dataset			Ziehn et al. (2019f, g, h, k)				
	AWI-CM-1-1-MR: historical, piControl, ssp126, ssp585	Input dataset			Semmler et al. (2018a, d, e, 2019b)				
	BCC-CSM2-MR: historical, piControl, ssp126, ssp585	Input dataset			Wu et al. (2018b, c); Xin et al. (2019a, d)				
	CAMS-CSM1-0: historical, piControl, ssp585	Input dataset			Rong (2019b, c, h)				
	CESM2: historical, piControl, ssp126, ssp585	Input dataset			Danabasoglu (2019c, d, g); Danabasoglu et al. (2019)				
	CESM2-WACCM: historical, piControl, ssp126, ssp585	Input dataset			Danabasoglu (2019k, l, m, q)				
	CIEM: historical, piControl, ssp126, ssp585	Input dataset			Huang (2019a, b, c, 2020b)				
	CMCC-CM2-SR5: historical, piControl, ssp126, ssp585	Input dataset			Lovato and Peano (2020b, c, d, g)				
	CNRM-CM6-1: historical, piControl, ssp126, ssp585	Input dataset			Voltaire (2018a, b, 2019a, d)				
	CNRM-CM6-1-HR: historical, piControl, ssp126, ssp585	Input dataset			Voltaire (2019f, g, i, 2020a)				
	CNRM-ESM2-1: historical, piControl, ssp126, ssp585	Input dataset			Seferian (2018b, c); Voltaire (2019k, o)				
	CanESM5: historical, piControl, ssp126, ssp585	Input dataset			Swart et al. (2019f, g, i, m)				
	CanESM5-CanOE: historical, piControl, ssp126, ssp585	Input dataset			Swart et al. (2019o, p, q, t)				
	EC-Earth3: historical, piControl, ssp126, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, e, h)				
	EC-Earth3-Veg: historical, piControl, ssp126, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, m, p)				
	EC-Earth3-Veg-LR: historical, piControl, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020g, h, m)				
	FGOALS-f3-L: historical, piControl, ssp126, ssp585	Input dataset			Yu (2019a, b, c, f)				
	FGOALS-g3: historical, piControl, ssp585, ssp126	Input dataset			Li (2019a, b, c, e)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.41 (continued)	GFDL-CM4: historical, piControl, ssp585	Input dataset			Guo et al. (2018b, c, e)			
	GFDL-ESM4: historical, piControl, ssp126, ssp585	Input dataset			John et al. (2018b, e); Krasting et al. (2018d, e)			
	GISS-E2-1-G: historical, piControl, ssp126, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020c, g)			
	HadGEM3-GC31-LL: historical, piControl, ssp126	Input dataset			Ridley et al. (2018b, 2019a); Good (2020a)			
	HadGEM3-GC31-MM: historical, piControl, ssp126	Input dataset			Ridley et al. (2019c, d); Jackson (2020a)			
	INM-CM4-8: historical, piControl, ssp126, ssp585	Input dataset			Volodin et al. (2019b, c, d, g)			
	INM-CM5-0: historical, piControl, ssp126, ssp585	Input dataset			Volodin et al. (2019i, j, k, n)			
	IPSL-CM6A-LR: historical, piControl, ssp126, ssp585	Input dataset			Boucher et al. (2018b, c, 2019b, f)			
	KACE-1-0-G: historical, piControl, ssp585	Input dataset			Byun et al. (2019d, f, g)			
	MCM-UA-1-0: historical, piControl, ssp126, ssp585	Input dataset			Stouffer (2019b, c, d, g)			
	MIROC-ES2L: historical, piControl, ssp126, ssp585	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019b, e)			
	MIROC6: historical, piControl, ssp126, ssp585	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019b, f)			
	MPI-ESM1-2-HR: historical, piControl, ssp126, ssp585	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019a, d)			
	MPI-ESM1-2-LR: historical, piControl, ssp126, ssp585	Input dataset			Wieners et al. (2019a, d, g, h)			
	MRI-ESM2-0: historical, piControl, ssp126, ssp585	Input dataset			Yukimoto et al. (2019d, e, g, k)			
	NESM3: historical, piControl, ssp126	Input dataset			Cao (2019a); Cao and Wang (2019b, c)			
	NorESM2-MM: historical, piControl, ssp126, ssp585	Input dataset			Bentsen et al. (2019b, c, d, g)			
	TaiESM1: historical, piControl, ssp126, ssp585	Input dataset			Lee and Liang (2020a, b, c, f)			
UKESM1-0-LL: historical, piControl, ssp126, ssp585	Input dataset			Good et al. (2019b, f); Tang et al. (2019d, e)				
Code for Figure 4.41	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures</a>	(Bock et al., 2020)		

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.42	<b>CMIP6 data citations</b>							
	ACCESS-CM2: historical, piControl, ssp585	Input dataset			Dix et al. (2019b, c, g)			
	ACCESS-ESM1-5: historical, piControl, ssp585	Input dataset			Ziehn et al. (2019f, g, k)			
	AWI-CM-1-1-MR: historical, piControl, ssp585	Input dataset			Semmler et al. (2018d, e, 2019b)			
	BCC-CSM2-MR: historical, piControl, ssp585	Input dataset			Wu et al. (2018b, c); Xin et al. (2019d)			
	CAMS-CSM1-0: historical, piControl, ssp585	Input dataset			Rong (2019b, c, h)			
	CESM2: historical, piControl, ssp585	Input dataset			Danabasoglu (2019c, g); Danabasoglu et al. (2019)			
	CESM2-WACCM: historical, piControl, ssp585	Input dataset			Danabasoglu (2019k, l, q)			
	CIesm: historical, piControl, ssp585	Input dataset			Huang (2019a, b, 2020b)			
	CMCC-CM2-SR5: historical, piControl, ssp585	Input dataset			Lovato and Peano (2020b, c, g)			
	CNRM-CM6-1: historical, piControl, ssp585	Input dataset			Voltaire (2018a, b, 2019d)			
	CNRM-CM6-1-HR: historical, piControl, ssp585	Input dataset			Voltaire (2019f, g, i)			
	CNRM-ESM2-1: historical, piControl, ssp585	Input dataset			Seferian (2018b, c); Voltaire (2019o)			
	CanESM5: historical, piControl, ssp585	Input dataset			Swart et al. (2019f, g, m)			
	CanESM5-CanOE: historical, piControl, ssp585	Input dataset			Swart et al. (2019o, p, t)			
	EC-Earth3: historical, piControl, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019b, c, h)			
	EC-Earth3-Veg: historical, piControl, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, k, p)			
	EC-Earth3-Veg-LR: historical, piControl, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020g, h, m)			
	FGOALS-f3-L: historical, piControl, ssp585	Input dataset			Yu (2019a, b, f)			
	FGOALS-g3: historical, piControl, ssp585	Input dataset			Li (2019a, b, c)			
GFDL-CM4: historical, piControl, ssp585	Input dataset			Guo et al. (2018b, c, e)				
GFDL-ESM4: historical, piControl, ssp585	Input dataset			John et al. (2018e); Krasting et al. (2018d, e)				
GISS-E2-1-G: historical, piControl, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018b, c, 2020g)				

Figure Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/ Software Used	Notes
Figure 4.42 (continued)	HadGEM3-GC31-LL: historical, piControl	Input dataset			Ridley et al. (2018b, 2019a)			
	HadGEM3-GC31-MM: historical, piControl	Input dataset			Ridley et al. (2019c, d)			
	INM-CM4-8: historical, piControl, ssp585	Input dataset			Volodin et al. (2019b, c, g)			
	INM-CM5-0: historical, piControl, ssp585	Input dataset			Volodin et al. (2019i, j, n)			
	IPSL-CM6A-LR: historical, piControl, ssp585	Input dataset			Boucher et al. (2018b, c, 2019f)			
	KACE-1-0-G: historical, piControl, ssp585	Input dataset			Byun et al. (2019d, f, g)			
	MCM-UA-1-0: historical, piControl, ssp585	Input dataset			Stouffer (2019b, c, g)			
	MIROC-ES2L: historical, piControl, ssp585	Input dataset			Hajima et al. (2019c, d); Tachiiri et al. (2019e)			
	MIROC6: historical, piControl, ssp585	Input dataset			Tatebe and Watanabe (2018b, c); Shiogama et al. (2019f)			
	MPI-ESM1-2-HR: historical, piControl, ssp585	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019d)			
	MPI-ESM1-2-LR: historical, piControl, ssp585	Input dataset			Wieners et al. (2019d, g, h)			
	MRI-ESM2-0: historical, piControl, ssp585	Input dataset			Yukimoto et al. (2019d, e, k)			
	NESM3: historical, piControl	Input dataset			Cao and Wang (2019b, c)			
	NorESM2-MM: historical, piControl, ssp585	Input dataset			Bentsen et al. (2019b, c, g)			
	TaiESM1: historical, piControl, ssp585	Input dataset			Lee and Liang (2020a, b, f)			
UKESM1-0-LL: historical, piControl, ssp585	Input dataset			Good et al. (2019f); Tang et al. (2019d, e)				
Code for Figure 4.42	Code			Eyring et al. (2020); Lauer et al. (2020); Righi et al. (2020)	<a href="https://github.com/ESMValGroup/ESMValTool-AR6-OriginalCode-FinalFigures">https://github.com/ ESMValGroup/ ESMValTool-AR6- OriginalCode- FinalFigures</a>	(Bock et al., 2020)		

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