

# Water Cycle Changes

## Supplementary Material

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8SM

## 8.SM.1 Data Table

Table 8.SM.1 | Input data table. Input datasets and code used to create chapter figures.

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.1		Schematic: depiction of the water cycle based on previous assessments.					Trenberth et al. (2011); Rodell et al. (2015); Abbott et al. (2019), with minor adjustments for groundwater flows (Kwon et al., 2014; Zhou et al., 2019; Luijendijk et al., 2020), seasonal snow (Pulliainen et al., 2020) and ocean precipitation and evaporation (Stephens et al., 2012; Allan et al., 2020; Gutenstein et al., 2021).
Figure 8.2		Schematic of the chapter structure and quick guide to the chapter content.					
Figure 8.3		Schematic representation of fast and slow responses of the atmospheric energy balance and global precipitation to radiative forcing.					Adapted from Allan et al. (2020), and Chapter 7, Figure 7.2 and Chapter 8, Figure 8.1.
Figure 8.4	GPCP/HadCRUTv4.6. High-resolution models including regional climate models (RCMs) and cloud-resolving models (CRMs).						GCM experiments (Fläschner et al., 2016; Richardson et al., 2018; Samset et al., 2018; Pendergrass, 2020; Rehfeld et al., 2020); GPCP/HadCRUTv4.6 (Adler et al., 2017; Allan et al., 2020). GCMs and an observationally constrained estimate (O’Gorman, 2012; Fischer and Knutti, 2015; Bao et al., 2017; Borodina et al., 2017) and estimates from observed changes (Westra et al., 2013; Fischer and Knutti, 2015; Donat et al., 2016; Borodina et al., 2017; Zeder and Fischer, 2020; Sun et al., 2021) and for hourly and sub-hourly extremes based on observed changes (Westra and Sisson, 2011; Westra et al., 2013; Barbero et al., 2017; Guerreiro et al., 2018) and high-resolution models including regional climate models (RCMs) and cloud-resolving models (CRMs; Ban et al., 2015; Chan et al., 2016; Prein et al., 2017; Haerter and Schlemmer, 2018; Lenderink et al., 2019).
Figure 8.5	Historical (1995–2014) and SSP2-4.5 (2081–2100) CMIP6 simulations.						
Figure 8.6		Schematic: climatic drivers of drought.					

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used	
Figure 8.7	GPCP, GPCC, CMIP6/DAMIP					<a href="https://psl.noaa.gov/data/gridded/data.gpcp.html">https://psl.noaa.gov/data/gridded/data.gpcp.html</a> (accessed 28/01/2022) <a href="https://psl.noaa.gov/data/gridded/data.gpcc.html">https://psl.noaa.gov/data/gridded/data.gpcc.html</a> (accessed 28/01/2022) <a href="https://esgf-node.llnl.gov/search/cmip6/">https://esgf-node.llnl.gov/search/cmip6/</a> (accessed 28/01/2022)	NCL	
	<b>CMIP6 data citations</b>							
	ACCESS-ESM1-5: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Ziehn et al. (2019a, 2020a, b, c)			
	BCC-CSM2-MR: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Wu et al. (2018a, 2019a, b, c)			
	CNRM-CM6-1: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Voltaire (2018a, 2019a, b, c)			
	CanESM5: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Swart et al. (2019b, d, e, f)			
	FGOALS-g3: hist-GHG, hist-aer, hist-nat, historical	Input dataset			Li (2020a, b, c, d)			
	HadGEM3-GC31-LL: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Jones (2019a, b, c); Ridley et al. (2019a)			
	IPSL-CM6A-LR: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Boucher et al. (2018a, c, d, e)			
	MIROC6: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Tatebe and Watanabe (2018a); Shiogama (2019a, b, c)			
MRI-ESM2-0: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Yukimoto et al. (2019a, c, d, e)				
Figure 8.8	GLDAS CMIP6/DAMIP					<a href="https://disc.gsfc.nasa.gov/datasets?keywords=GLDAS">https://disc.gsfc.nasa.gov/datasets?keywords=GLDAS</a> (accessed 28/01/2022) <a href="https://esgf-node.llnl.gov/search/cmip6/">https://esgf-node.llnl.gov/search/cmip6/</a> (accessed 28/01/2022)	NCL	
	<b>CMIP6 data citations</b>							
	ACCESS-ESM1-5: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Ziehn et al. (2019a, 2020a, b, c)			
BCC-CSM2-MR: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Wu et al. (2018a, 2019a, b, c)				

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used	
<b>Figure 8.8</b> <i>(continued)</i>	CNRM-CM6-1: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Voltaire (2018a, 2019a, b, c)			
	CanESM5: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Swart et al. (2019b, d, e, f)			
	FGOALS-g3: hist-GHG, hist-aer, hist-nat, historical	Input dataset			Li (2020a, b, c, d)			
	HadGEM3-GC31-LL: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Jones (2019a, b, c); Ridley et al. (2019a)			
	IPSL-CM6A-LR: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Boucher et al. (2018a, c, d, e)			
	MIROC6: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Tatebe and Watanabe (2018a); Shiogama (2019a, b, c)			
	MRI-ESM2-0: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Yukimoto et al. (2019a, c, d, e)			
<b>Figure 8.9</b>	CMIP6/DAMIP						Bonfils et al. (2020)	
<b>Figure 8.10</b>	GRACE satellite observations						Rodell et al. (2018).	
<b>Figure 8.11</b>	GPCP GPCC APHRO_MA_050deg_V1101 APHRO_MA_050deg_V1901 CMIP6/DAMIP	Regional shape file				<a href="https://psl.noaa.gov/data/gridded/data.gpcp.html">https://psl.noaa.gov/data/gridded/data.gpcp.html</a> (accessed 28/01/2022)  <a href="https://psl.noaa.gov/data/gridded/data.gpcc.html">https://psl.noaa.gov/data/gridded/data.gpcc.html</a> (accessed 28/01/2022)  <a href="https://climatedataguide.ucar.edu/climate-data/aphrodite-asian-precipitation-highly-resolved-observational-data-integration-towards">https://climatedataguide.ucar.edu/climate-data/aphrodite-asian-precipitation-highly-resolved-observational-data-integration-towards</a> (accessed 28/01/2022)  <a href="https://esgf-node.llnl.gov/search/cmip6/">https://esgf-node.llnl.gov/search/cmip6/</a> (accessed 28/01/2022)	NCL	
	<b>CMIP6 data citations</b>							
	ACCESS-ESM1-5: historical, hist-GHG, hist-aer, hist-nat	Input dataset				Ziehn et al. (2019a, 2020a, b, c)		
	BCC-CSM2-MR: historical, hist-GHG, hist-aer, hist-nat	Input dataset				Wu et al. (2018a, 2019a, b, c)		
	CNRM-CM6-1: historical, hist-GHG, hist-aer, hist-nat	Input dataset				Voltaire (2018a, 2019a, b, c)		

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.11 (continued)	CanESM5: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Swart et al. (2019b, d, e, f)		
	FGOALS-g3: hist-GHG, hist-aer, hist-nat, historical	Input dataset			Li (2020a, b, c, d)		
	HadGEM3-GC31-LL: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Jones (2019a, b, c); Ridley et al. (2019a)		
	IPSL-CM6A-LR: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Boucher et al. (2018a, c, d, e)		
	MIROC6: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Tatebe and Watanabe (2018a); Shiogama (2019a, b, c)		
	MRI-ESM2-0: historical, hist-GHG, hist-aer, hist-nat	Input dataset			Yukimoto et al. (2019a, c, d, e)		
Figure 8.12	CFSR, ERA5, JRA55, ERA-I, MERRA2						Tilinina et al. (2013)
Table 8.1	<b>CMIP6 data citations</b>						
	ACCESS-CM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Dix et al. (2019a, c, d, e, f)		
	ACCESS-ESM1-5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Ziehn et al. (2019a, c, d, e, f)		
	AWI-CM-1-1-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Semmler et al. (2018a, b, c, 2019a, b)		
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018a); Xin et al. (2019a, b, c, d)		
	CAMS-CSM1-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Rong (2019a, c, d, e, f, g)		
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019a, b, c, d, e)		
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019g, i, j, k, l)		
	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 (2020a, c, d, e, f)		
	CNRM-CM6-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, 2019d, e, f, g)		
	CNRM-CM6-1-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2019h, j, k, 2020a, b)		
CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018a); Voltaire (2019l, m, n, o, p)			

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Table 8.1 (continued)	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019b, g, h, i, j, k)		
	CanESM5-CanOE: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019l, n, o, p, q)		
	EC-Earth3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019a, c, d, e, f, g)		
	EC-Earth3-AerChem: historical, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020a, c)		
	EC-Earth3-Veg: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019i, k, l, m, n, o)		
	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 (2019a, c, d, e, f, g)		
	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019a, c, d, e)		
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018a, c, d)		
	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			John et al. (2018a, b, c, d, e); Krasting et al. (2018a)		
	GISS-E2-1-G: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018a, 2020a, b, c, d, e)		
	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. (2019b); Jackson (2020a, b)		
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019a, c, d, e, f)		
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019g, i, j, k, l)		
	IPSL-CM5A2-INCA: historical, ssp126, ssp370	Input dataset			Boucher et al. (2020a, b, c)		
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018a, 2019a, b, c, d, e)		
	KACE-1-0-G: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019a, b, c, d, e)		
MCM-UA-1-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019a, c, d, e, f)			

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Table 8.1 (continued)	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019a); Tachiiri et al. (2019a, b, c, d, e)		
	MIROC6: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018a); Shiogama et al. (2019a, b, c, d, e)		
	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, e)		
	MRI-ESM2-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019a, f, g, h, i, j)		
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019a)		
	NorESM2-LM: historical, ssp126, ssp245, ssp585	Input dataset			Seland et al. (2019a, c, d, e)		
	NorESM2-MM: historical, ssp126, ssp245, ssp585	Input dataset			Bentsen et al. (2019a, c, d, e)		
	TaiESM1: historical, ssp370, ssp585	Input dataset			Lee and Liang (2020a, c, d)		
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, e); Tang et al. (2019a)		
	Table 8.1 code	Code		Table 8.1.sh		<a href="https://github.com/IPCC-WG1/Chapter-8">https://github.com/IPCC-WG1/Chapter-8</a> (accessed 28/01/2022)	
Figure 8.13.a, b, c, d, e, f, gh, i	<b>CMIP6 data citations</b>						
	ACCESS-CM2: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Dix et al. (2019a, b, c, d, f)		
	ACCESS-ESM1-5: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Ziehn et al. (2019a, b, c, d, f)		
	AWI-CM-1-1-MR: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Semmler et al. (2018a, b, c, d, 2019b)		
	BCC-CSM2-MR: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Wu et al. (2018a, b); Xin et al. (2019a, b, d)		
	BCC-ESM1: piControl	Input dataset			Zhang et al. (2018)		
	CAMS-CSM1-0: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Rong (2019a, b, d, e, g)		
	CAS-ESM2-0: piControl	Input dataset			Chai (2020)		
CESM2: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Danabasoglu (2019a, b, c, e); Danabasoglu et al. (2019)			



Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.13.a, b, c, d, e, f, gh, i (continued)	CESM2-FV2: piControl	Input dataset			Danabasoglu (2019f)		
	CESM2-WACCM: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Danabasoglu (2019g, h, i, j, l)		
	CESM2-WACCM-FV2: piControl	Input dataset			Danabasoglu (2019m)		
	CIesm: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Huang (2019a, b, c, 2020a, b)		
	CMCC-CM2-SR5: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Lovato and Peano (2020a, b, c, d, f)		
	CNRM-CM6-1: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Voltaire (2018a, b, 2019d, e, g)		
	CNRM-CM6-1-HR: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Voltaire (2019h, i, j, k, 2020a)		
	CNRM-ESM2-1: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Seferian (2018a, b); Voltaire (2019m, n, p)		
	CanESM5: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Swart et al. (2019b, c, h, i, k)		
	CanESM5-CanOE: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Swart et al. (2019, m, n, o, q)		
	E3SM-1-0: piControl	Input dataset			Bader et al. (2018)		
	EC-Earth3: historical, piControl, ssp126, ssp245, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019a, b, d, e, g)		
	EC-Earth3-AerChem: piControl	Input dataset			EC-Earth Consortium (EC-Earth) (2020b)		
	EC-Earth3-LR: piControl	Input dataset			EC-Earth Consortium (EC-Earth) (2019h)		
	EC-Earth3-Veg: historical, piControl, ssp126, ssp245, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019i, j, l, m, o)		
	EC-Earth3-Veg-LR: piControl	Input dataset			EC-Earth Consortium (EC-Earth) (2020e)		
	FGOALS-f3-L: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Yu (2019a, b, c, d, f)		
	FGOALS-g3: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Li (2019a, b, d, e, g)		
	FIO-ESM-2-0: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019a, b, c, d, e)		
	GFDL-CM4: historical, piControl, ssp245, ssp585	Input dataset			Guo et al. (2018a, b, c, d)		

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.13.a, b, c, d, e, f, gh, i (continued)	GFDL-ESM4: historical, piControl, ssp126, ssp245, ssp585	Input dataset			John et al. (2018b, c, e); Krasting et al. (2018a, b)		
	GISS-E2-1-G: historical, piControl, ssp126, ssp245, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018a, b, 2020b, c, e)		
	GISS-E2-1-H: piControl	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018c)		
	HadGEM3-GC31-LL: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Ridley et al. (2018, 2019a); Good (2019, 2020a, b)		
	HadGEM3-GC31-MM: historical, piControl, ssp126, ssp585	Input dataset			Ridley et al. (2019b, c); Jackson (2020a, b)		
	INM-CM4-8: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Volodin et al. (2019a, b, c, d, f)		
	INM-CM5-0: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Volodin et al. (2019g, h, i, j, l)		
	IPSL-CM5A2-INCA: historical, ssp126	Input dataset			Boucher et al. (2020a, b)		
	IPSL-CM6A-LR: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Boucher et al. (2018a, b, 2019b, c, e)		
	KACE-1-0-G: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Byun et al. (2019a, b, d, e, f)		
	MCM-UA-1-0: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Stouffer (2019a, b, c, d, f)		
	MIROC-ES2L: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Hajima et al. (2019a, b); Tachiiri et al. (2019b, c, e)		
	MIROC6: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Tatebe and Watanabe (2018a, b); Shiogama et al. (2019b, c, e)		
	MPI-ESM-1-2-HAM: piControl	Input dataset			Neubauer et al. (2019)		
	MPI-ESM1-2-HR: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Jungclaus et al. (2019a, b); Schupfner et al. (2019a, b, d)		
MPI-ESM1-2-LR: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Wieners et al. (2019a, b, d, e, f)			

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.13.a, b, c, d, e, f, gh, i (continued)	MRI-ESM2-0: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Yukimoto et al. (2019a, b, g, h, j)		
	NESM3: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019a, b)		
	NorCPM1: piControl	Input dataset			Bethke et al. (2019)		
	NorESM1-F: piControl	Input dataset			Guo et al. (2019)		
	NorESM2-LM: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Seland et al. (2019a, b, c, d, e)		
	NorESM2-MM: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Bentsen et al. (2019a, b, c, d, e)		
	SAM0-UNICON: piControl	Input dataset			Park and Shin (2019)		
	TaiESM1: historical, piControl, ssp585	Input dataset			Lee and Liang (2020a, b, d)		
	UKESM1-0-LL: historical, piControl, ssp126, ssp245, ssp585	Input dataset			Good et al. (2019b, c, e); Tang et al. (2019a, b)		
	Figure 8.13 Code	Code	Fig8-13.sh (compute and plot)			<a href="https://github.com/IPCC-WG1/Chapter-8">https://github.com/IPCC-WG1/Chapter-8</a> (accessed 28/01/2022)	CAMMAC: Sénési (2020) CliMAF: Sénési et al. (2021)
Figure 8.14.a, b, c, d	<b>CMIP6 data citations</b>						
	ACCESS-CM2: historical, ssp245	Input dataset			Dix et al. (2019a, d)		
	ACCESS-ESM1-5: historical, ssp245	Input dataset			Ziehn et al. (2019a, d)		
	AWI-CM-1-1-MR: historical, ssp245	Input dataset			Semmler et al. (2018b, c)		
	BCC-CSM2-MR: historical, ssp245	Input dataset			Wu et al. (2018a); Xin et al. (2019b)		
	CAMS-CSM1-0: historical, ssp245	Input dataset			Rong (2019a, e)		
	CESM2: historical, ssp245	Input dataset			Danabasoglu (2019a, c)		
	CESM2-WACCM: historical, ssp245	Input dataset			Danabasoglu (2019g, j)		
	CIESM: historical, ssp245	Input dataset			Huang (2019a, 2020a)		
	CMCC-CM2-SR5: historical, ssp245	Input dataset			Lovato and Peano (2020a, d)		
	CNRM-CM6-1: historical, ssp245	Input dataset			Voltaire (2018a, 2019e)		
	CNRM-CM6-1-HR: historical, ssp245	Input dataset			Voltaire (2019h, j)		
CNRM-ESM2-1: historical, ssp245	Input dataset			Seferian (2018a); Voltaire (2019n)			

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.14.a, b, c, d (continued)	CanESM5: historical, ssp245	Input dataset			Swart et al. (2019b, i)		
	CanESM5-CanOE: historical, ssp245	Input dataset			Swart et al. (2019l, o)		
	EC-Earth3: historical, ssp245	Input dataset			EC-Earth Consortium (EC-Earth) (2019a, e)		
	EC-Earth3-Veg: historical, ssp245	Input dataset			EC-Earth Consortium (EC-Earth) (2019j, m)		
	FGOALS-f3-L: historical, ssp245	Input dataset			Yu (2019a, d)		
	FGOALS-g3: historical, ssp245	Input dataset			Li (2019a, e)		
	FIO-ESM-2-0: historical, ssp245	Input dataset			Song et al. (2019a, d)		
	GFDL-CM4: historical, ssp245	Input dataset			Guo et al. (2018a, c)		
	GFDL-ESM4: historical, ssp245	Input dataset			John et al. (2018c); Krasting et al. (2018a)		
	GISS-E2-1-G: historical, ssp245	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018a, 2020c)		
	HadGEM3-GC31-LL: historical, ssp245	Input dataset			Good (2019); Ridley et al. (2019a)		
	IITM-ESM: historical, ssp245	Input dataset			Choudhury et al. (2019); Singh et al. (2020)		
	INM-CM4-8: historical, ssp245	Input dataset			Volodin et al. (2019a, d)		
	INM-CM5-0: historical, ssp245	Input dataset			Volodin et al. (2019g, j)		
	IPSL-CM6A-LR: historical, ssp245	Input dataset			Boucher et al. (2018a, 2019c)		
	KACE-1-0-G: historical, ssp245	Input dataset			Byun et al. (2019b, e)		
	MCM-UA-1-0: historical, ssp245	Input dataset			Stouffer (2019a, d)		
	MIROC-ES2L: historical, ssp245	Input dataset			Hajima et al. (2019a); Tachiiri et al. (2019c)		
	MIROC6: historical, ssp245	Input dataset			Tatebe and Watanabe (2018a); Shiogama et al. (2019c)		
	MPI-ESM1-2-HR: historical, ssp245	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019b)		
	MPI-ESM1-2-LR: historical, ssp245	Input dataset			Wieners et al. (2019b, e)		
	MRI-ESM2-0: historical, ssp245	Input dataset			Yukimoto et al. (2019a, h)		
NESM3: historical, ssp245	Input dataset			Cao (2019b); Cao and Wang (2019a)			
NorESM2-LM: historical, ssp245	Input dataset			Seland et al. (2019a, d)			
NorESM2-MM: historical, ssp245	Input dataset			Bentsen et al. (2019a, d)			

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.14.a, b, c, d (continued)	UKESM1-0-LL: historical, ssp245	Input dataset			Good et al. (2019c); Tang et al. (2019a)		
	Figure 8.14 code	Code	Fig8-14.sh (compute and plot)			<a href="https://github.com/IPCC-WG1/Chapter-8">https://github.com/IPCC-WG1/Chapter-8</a> (accessed 28/01/2022)	
Figure 8.15.a, b, c, d, e, f	<b>CMIP6 data citations</b>						
	ACCESS-CM2: historical, ssp126, ssp245, ssp585	Input dataset			Dix et al. (2019a, c, d, f)		
	ACCESS-ESM1-5: historical, ssp126, ssp245, ssp585	Input dataset			Ziehn et al. (2019a, c, d, f)		
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp585	Input dataset			Wu et al. (2018a); Xin et al. (2019a, b, d)		
	CAMS-CSM1-0: historical, ssp126, ssp245, ssp585	Input dataset			Rong (2019a, d, e, g)		
	CESM2-WACCM: historical, ssp126, ssp245, ssp585	Input dataset			Danabasoglu (2019g, i, j, l)		
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp585	Input dataset			Lovato and Peano (2020a, c, d, f)		
	CNRM-CM6-1: historical, ssp126, ssp245, ssp585	Input dataset			Voltaire (2018a, 2019d, e, g)		
	CNRM-CM6-1-HR: historical, ssp126, ssp585	Input dataset			Voltaire (2019h, k, 2020a)		
	CNRM-ESM2-1: historical, ssp126, ssp245, ssp585	Input dataset			Seferian (2018a); Voltaire (2019m, n, p)		
	CanESM5: historical, ssp126, ssp245, ssp585	Input dataset			Swart et al. (2019b, h, i, k)		
	EC-Earth3: historical, ssp126, ssp245, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019a, d, e, g)		
	EC-Earth3-Veg: historical, ssp126, ssp245, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019i, l, m, o)		
	FGOALS-g3: historical, ssp126, ssp245, ssp585	Input dataset			Li (2019a, d, e, g)		
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018a, c, d)		
	GFDL-ESM4: historical, ssp126, ssp245	Input dataset			John et al. (2018b, c); Krasting et al. (2018a)		
	HadGEM3-GC31-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good (2019, 2020a, b); Ridley et al. (2019a)		

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.15.a, b, c, d, e, f (continued)	HadGEM3-GC31-MM: historical, ssp126, ssp585	Input dataset			Ridley et al. (2019b); 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, ssp585	Input dataset			Volodin et al. (2019a, c, d, f)		
	INM-CM5-0: historical, ssp126, ssp245, ssp585	Input dataset			Volodin et al. (2019g, i, j, l)		
	IPSL-CM5A2-INCA: historical, ssp126	Input dataset			Boucher et al. (2020a, b)		
	IPSL-CM6A-LR: historical, ssp126, ssp245, ssp585	Input dataset			Boucher et al. (2018a, 2019b, c, e)		
	KACE-1-0-G: historical, ssp126, ssp245, ssp585	Input dataset			Byun et al. (2019a, b, d, e)		
	MIROC-ES2L: historical, ssp126, ssp245, ssp585	Input dataset			Hajima et al. (2019a); Tachiiri et al. (2019b, c, e)		
	MIROC6: historical, ssp126, ssp245, ssp585	Input dataset			Tatebe and Watanabe (2018a); Shiogama et al. (2019b, c, e)		
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, d)		
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp585	Input dataset			Wieners et al. (2019a, b, d, e)		
	MRI-ESM2-0: historical, ssp126, ssp245, ssp585	Input dataset			Yukimoto et al. (2019a, g, h, j)		
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019a)		
	NorESM2-LM: historical, ssp126, ssp245, ssp585	Input dataset			Seland et al. (2019a, c, d, e)		
	NorESM2-MM: historical, ssp126, ssp245, ssp585	Input dataset			Bentsen et al. (2019a, c, d, e)		
	TaiESM1: historical, ssp585	Input dataset			Lee and Liang (2020a, d)		
	UKESM1-0-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good et al. (2019b, c, e); Tang et al. (2019a)		
	Figure 8.15 code	Code		Fig8-15.sh (compute) Fig8-15_figure.sh (plot)			<a href="https://github.com/IPCC-WG1/Chapter-8">https://github.com/IPCC-WG1/Chapter-8</a> (accessed 28/01/2022)

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.16	<b>CMIP6 data citations</b>						
	ACCESS-CM2: historical, ssp585	Input dataset			Dix et al. (2019a, f)		
	ACCESS-ESM1-5: historical, ssp585	Input dataset			Ziehn et al. (2019a, f)		
	AWI-CM-1-1-MR: historical, ssp585	Input dataset			Semmler et al. (2018c, 2019b)		
	BCC-CSM2-MR: historical, ssp585	Input dataset			Wu et al. (2018a); Xin et al. (2019d)		
	CAMS-CSM1-0: historical, ssp585	Input dataset			Rong (2019a, g)		
	CESM2: historical, ssp585	Input dataset			Danabasoglu (2019a, e)		
	CESM2-WACCM: historical, ssp585	Input dataset			Danabasoglu (2019g, l)		
	CIESM: historical, ssp585	Input dataset			Huang (2019a, 2020b)		
	CMCC-CM2-SR5: historical, ssp585	Input dataset			Lovato and Peano (2020a, f)		
	CNRM-CM6-1: historical, ssp585	Input dataset			Voltaire (2018a, 2019g)		
	CNRM-CM6-1-HR: historical, ssp585	Input dataset			Voltaire (2019h, k)		
	CNRM-ESM2-1: historical, ssp585	Input dataset			Seferian (2018a); Voltaire (2019p)		
	CanESM5: historical, ssp585	Input dataset			Swart et al. (2019b, k)		
	CanESM5-CanOE: historical, ssp585	Input dataset			Swart et al. (2019l, q)		
	EC-Earth3: historical, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019a, g)		
	EC-Earth3-Veg: historical, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019i, o)		
	EC-Earth3-Veg-LR: historical, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2020d, f)		
	FGOALS-f3-L: historical, ssp585	Input dataset			Yu (2019a, f)		
	FGOALS-g3: historical, ssp585	Input dataset			Li (2019a, g)		
FIO-ESM-2-0: historical, ssp585	Input dataset			Song et al. (2019a, e)			
GFDL-CM4: historical, ssp585	Input dataset			Guo et al. (2018a, d)			
GFDL-ESM4: historical, ssp585	Input dataset			John et al. (2018e); Krasting et al. (2018a)			
GISS-E2-1-G: historical, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018a, 2020e)			

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.16 (continued)	HadGEM3-GC31-LL: historical, ssp585	Input dataset			Ridley et al. (2019a); Good (2020b)		
	HadGEM3-GC31-MM: historical, ssp585	Input dataset			Ridley et al. (2019b); Jackson (2020b)		
	IITM-ESM: historical, ssp585	Input dataset			Choudhury et al. (2019); Panickal et al. (2020)		
	INM-CM4-8: historical, ssp585	Input dataset			Volodin et al. (2019a, f)		
	INM-CM5-0: historical, ssp585	Input dataset			Volodin et al. (2019g, l)		
	IPSL-CM6A-LR: historical, ssp585	Input dataset			Boucher et al. (2018a, 2019e)		
	KACE-1-0-G: historical, ssp585	Input dataset			Byun et al. (2019d, e)		
	MCM-UA-1-0: historical, ssp585	Input dataset			Stouffer (2019a, f)		
	MIROC-ES2L: historical, ssp585	Input dataset			Hajima et al. (2019a); Tachiiri et al. (2019e)		
	MIROC6: historical, ssp585	Input dataset			Tatebe and Watanabe (2018a); Shiogama et al. (2019e)		
	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, e)		
	MRI-ESM2-0: historical, ssp585	Input dataset			Yukimoto et al. (2019a, j)		
	NESM3: historical, ssp585	Input dataset			Cao (2019c); Cao and Wang (2019a)		
	NorESM2-LM: historical, ssp585	Input dataset			Seland et al. (2019a, e)		
	NorESM2-MM: historical, ssp585	Input dataset			Bentsen et al. (2019a, e)		
	TaiESM1: historical, ssp585	Input dataset			Lee and Liang (2020a, d)		
UKESM1-0-LL: historical, ssp585	Input dataset			Good et al. (2019e); Tang et al. (2019a)			
Figure 8.16 code	Code		Fig8-16.sh (compute and plot)			<a href="https://github.com/IPCC-WG1/Chapter-8">https://github.com/IPCC-WG1/Chapter-8</a> (accessed 28/01/2022)	
Figure 8.17.a, b, c, d, e, f	<b>CMIP6 data citations</b>						
	ACCESS-CM2: historical, ssp126, ssp245, ssp585	Input dataset			Dix et al. (2019a, c, d, f)		
	ACCESS-ESM1-5: historical, ssp126, ssp245, ssp585	Input dataset			Ziehn et al. (2019a, c, d, f)		
AWI-CM-1-1-MR: historical, ssp126, ssp245, ssp585	Input dataset			Semmler et al. (2018a, b, c, 2019b)			



Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.17.a, b, c, d, e, f (continued)	BCC-CSM2-MR: historical, ssp126, ssp245, ssp585	Input dataset			Wu et al. (2018a); Xin et al. (2019a, b, d)		
	CAMS-CSM1-0: historical, ssp126, ssp245, ssp585	Input dataset			Rong (2019a, d, e, g)		
	CESM2: historical, ssp126, ssp245, ssp585	Input dataset			Danabasoglu (2019a, b, c, e)		
	CESM2-WACCM: historical, ssp126, ssp245, ssp585	Input dataset			Danabasoglu (2019g, i, j, l)		
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp585	Input dataset			Lovato and Peano (2020a, c, d, f)		
	CNRM-CM6-1: historical, ssp126, ssp245, ssp585	Input dataset			Voltaire (2018a, 2019d, e, g)		
	CNRM-CM6-1-HR: historical, ssp126, ssp245, ssp585	Input dataset			Voltaire (2019h, j, k, 2020a)		
	CNRM-ESM2-1: historical, ssp126, ssp245, ssp585	Input dataset			Seferian (2018a); Voltaire (2019m, n, p)		
	CanESM5: historical, ssp126, ssp245, ssp585	Input dataset			Swart et al. (2019b, h, i, k)		
	CanESM5-CanOE: historical, ssp126, ssp245, ssp585	Input dataset			Swart et al. (2019l, n, o, q)		
	EC-Earth3: historical, ssp126, ssp245, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019a, d, e, g)		
	EC-Earth3-Veg: historical, ssp126, ssp245, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019i, l, m, o)		
	FGOALS-f3-L: historical, ssp126, ssp245, ssp585	Input dataset			Yu (2019a, c, d, f)		
	FGOALS-g3: historical, ssp126, ssp245, ssp585	Input dataset			Li (2019a, d, e, g)		
	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019a, c, d, e)		
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018a, c, d)		
	GFDL-ESM4: historical, ssp126, ssp245, ssp585	Input dataset			John et al. (2018b, c, e); Krasting et al. (2018a)		
	GISS-E2-1-G: historical, ssp126, ssp245, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018a, 2020b, c, e)		
HadGEM3-GC31-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good (2019, 2020a, b); Ridley et al. (2019a)			

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.17.a, b, c, d, e, f (continued)	HadGEM3-GC31-MM: historical, ssp126, ssp585	Input dataset			Ridley et al. (2019b); 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, ssp585	Input dataset			Volodin et al. (2019a, c, d, f)		
	INM-CM5-0: historical, ssp126, ssp245, ssp585	Input dataset			Volodin et al. (2019g, i, j, l)		
	IPSL-CM5A2-INCA: historical, ssp126	Input dataset			Boucher et al. (2020a, b)		
	IPSL-CM6A-LR: historical, ssp126, ssp245, ssp585	Input dataset			Boucher et al. (2018a, 2019b, c, e)		
	KACE-1-0-G: historical, ssp126, ssp245, ssp585	Input dataset			Byun et al. (2019a, b, d, e)		
	MCM-UA-1-0: historical, ssp126, ssp245, ssp585	Input dataset			Stouffer (2019a, c, d, f)		
	MIROC-ES2L: historical, ssp126, ssp245, ssp585	Input dataset			Hajima et al. (2019a); Tachiiri et al. (2019b, c, e)		
	MIROC6: historical, ssp126, ssp245, ssp585	Input dataset			Tatebe and Watanabe (2018a); Shiogama et al. (2019b, c, e)		
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, d)		
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp585	Input dataset			Wieners et al. (2019a, b, d, e)		
	MRI-ESM2-0: historical, ssp126, ssp245, ssp585	Input dataset			Yukimoto et al. (2019a, g, h, j)		
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019a)		
	NorESM2-LM: historical, ssp126, ssp245, ssp585	Input dataset			Seland et al. (2019a, c, d, e)		
	NorESM2-MM: historical, ssp126, ssp245, ssp585	Input dataset			Bentsen et al. (2019a, c, d, e)		
	TaiESM1: historical, ssp585	Input dataset			Lee and Liang (2020a, d)		
	UKESM1-0-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good et al. (2019b, c, e); Tang et al. (2019a)		
	Figure 8.17 code	Code		Fig8-17.sh (compute and plot)			<a href="https://github.com/IPCC-WG1/Chapter-8">https://github.com/IPCC-WG1/Chapter-8</a> (accessed 28/01/2022)

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.18.a, b, c, d, e, f	<b>CMIP6 data citations</b>						
	ACCESS-CM2: historical, ssp126, ssp245, ssp585	Input dataset			Dix et al. (2019a, c, d, f)		
	ACCESS-ESM1-5: historical, ssp126, ssp245, ssp585	Input dataset			Ziehn et al. (2019a, c, d, f)		
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp585	Input dataset			Wu et al. (2018a); Xin et al. (2019a, b, d)		
	CAMS-CSM1-0: historical, ssp126, ssp245, ssp585	Input dataset			Rong (2019a, d, e, g)		
	CESM2: historical, ssp126, ssp245, ssp585	Input dataset			Danabasoglu (2019a, b, c, e)		
	CESM2-WACCM: historical, ssp126, ssp245, ssp585	Input dataset			Danabasoglu (2019g, i, j, l)		
	CIESM: historical, ssp126, ssp245, ssp585	Input dataset			Huang (2019a, c, 2020a, b)		
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp585	Input dataset			Lovato and Peano (2020a, c, d, f)		
	CNRM-CM6-1: historical, ssp126, ssp245, ssp585	Input dataset			Voltaire (2018a, 2019d, e, g)		
	CNRM-CM6-1-HR: historical, ssp126, ssp245, ssp585	Input dataset			Voltaire (2019h, j, k, 2020a)		
	CNRM-ESM2-1: historical, ssp126, ssp245, ssp585	Input dataset			Seferian (2018a); Voltaire (2019m, n, p)		
	CanESM5: historical, ssp126, ssp245, ssp585	Input dataset			Swart et al. (2019b, h, i, k)		
	CanESM5-CanOE: historical, ssp126, ssp245, ssp585	Input dataset			Swart et al. (2019l, n, o, q)		
	EC-Earth3: historical, ssp126, ssp245, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019a, d, e, g)		
	EC-Earth3-Veg: historical, ssp126, ssp245, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019i, l, m, o)		
	FGOALS-f3-L: historical, ssp126, ssp245, ssp585	Input dataset			Yu (2019a, c, d, f)		
FGOALS-g3: historical, ssp126, ssp245, ssp585	Input dataset			Li (2019a, d, e, g)			

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.18.a, b, c, d, e, f (continued)	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019a, c, d, e)		
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018a, c, d)		
	GISS-E2-1-G: historical, ssp126, ssp245, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018a, 2020b, c, e)		
	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. (2019b); Jackson (2020a, b)		
	INM-CM4-8: historical, ssp126, ssp245, ssp585	Input dataset			Volodin et al. (2019a, c, d, f)		
	INM-CM5-0: historical, ssp126, ssp245, ssp585	Input dataset			Volodin et al. (2019g, i, j, l)		
	IPSL-CM5A2-INCA: historical, ssp126	Input dataset			Boucher et al. (2020a, b)		
	IPSL-CM6A-LR: historical, ssp126, ssp245, ssp585	Input dataset			Boucher et al. (2018a, 2019b, c, e)		
	KACE-1-0-G: historical, ssp126, ssp245, ssp585	Input dataset			Byun et al. (2019a, b, d, e)		
	MCM-UA-1-0: historical, ssp126, ssp245, ssp585	Input dataset			Stouffer (2019a, c, d, f)		
	MIROC-ES2L: historical, ssp126, ssp245, ssp585	Input dataset			Hajima et al. (2019a); Tachiiri et al. (2019b, c, e)		
	MIROC6: historical, ssp126, ssp245, ssp585	Input dataset			Tatebe and Watanabe (2018a); Shiogama et al. (2019b, c, e)		
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, d)		
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp585	Input dataset			Wieners et al. (2019a, b, d, e)		
	MRI-ESM2-0: historical, ssp126, ssp245, ssp585	Input dataset			Yukimoto et al. (2019a, g, h, j)		
	UKESM1-0-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good et al. (2019b, c, e); Tang et al. (2019a)		
Figure 8.18 code	Code		Fig8-18.sh compute and plot)			<a href="https://github.com/IPCC-WG1/Chapter-8">https://github.com/IPCC-WG1/Chapter-8</a> (accessed 28/01/2022)	

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.19	CMIP6: SSP1.2-6, SSP2-4.5, SSP5-8.5					<a href="https://esgf-node.llnl.gov/search/cmip6/">https://esgf-node.llnl.gov/search/cmip6/</a> (accessed 28/01/2022)	
Figure 8.20	Tree-ring reconstructed Palmer Drought Severity Index and NCAR CESM Last Millennium Ensemble from CMIP5						Morales et al. (2020); Palmer et al. (2015); Pederson et al. (2014); Hessel et al. (2018)
Figure 8.21		Schematic					
Figure 8.22	<b>CMIP6 data citations</b>						
	ACCESS-CM2: historical, ssp126, ssp245, ssp585	Input dataset			Dix et al. (2019a, c, d, f)		
	ACCESS-ESM1-5: historical, ssp126, ssp245, ssp585	Input dataset			Ziehn et al. (2019a, c, d, f)		
	AWI-CM-1-1-MR: historical, ssp126, ssp245, ssp585	Input dataset			Semmler et al. (2018a, b, c, 2019b)		
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp585	Input dataset			Wu et al. (2018a); Xin et al. (2019a, b, d)		
	CAMS-CSM1-0: historical, ssp126, ssp245, ssp585	Input dataset			Rong (2019a, d, e, g)		
	CESM2-WACCM: historical, ssp126, ssp245, ssp585	Input dataset			Danabasoglu (2019g, i, j, l)		
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp585	Input dataset			Lovato and Peano (2020a, c, d, f)		
	CanESM5: historical, ssp126, ssp245, ssp585	Input dataset			Swart et al. (2019a, h, i, k)		
	EC-Earth3: historical, ssp126, ssp245, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019a, d, e, g)		
	EC-Earth3-Veg: historical, ssp126, ssp245, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019i, l, m, o)		
	FGOALS-f3-L: historical, ssp126, ssp245, ssp585	Input dataset			Yu (2019a, c, d, f)		
	FGOALS-g3: historical, ssp126, ssp245, ssp585	Input dataset			Li (2019a, d, e, g)		
	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, ssp585	Input dataset			Volodin et al. (2019a, c, d, f)			

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.22 (continued)	INM-CM5-0: historical, ssp126, ssp245, ssp585	Input dataset			Volodin et al. (2019g, i, j, l)		
	IPSL-CM6A-LR: historical, ssp126, ssp245, ssp585	Input dataset			Boucher et al. (2018a, 2019b, c, e)		
	KACE-1-0-G: historical, ssp126, ssp245, ssp585	Input dataset			Byun et al. (2019a, b, d, e)		
	MIROC6: historical, ssp126, ssp245, ssp585	Input dataset			Tatebe and Watanabe (2018a); Shiogama et al. (2019b, c, e)		
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp585	Input dataset			Jungclaus et al. (2019a)		
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp585	Input dataset			Wieners et al. (2019a, b, d, e)		
	MRI-ESM2-0: historical, ssp126, ssp245, ssp585	Input dataset			Yukimoto et al. (2019a, g, h, j)		
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019a)		
	NorESM2-LM: historical, ssp126, ssp245, ssp585	Input dataset			Seland et al. (2019a, c, d, e)		
Table 8.2	<b>CMIP6 data citations</b>						
	ACCESS-CM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Dix et al. (2019a, c, d, e, f)		
	ACCESS-ESM1-5: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Ziehn et al. (2019a, c, d, e, f)		
	AWI-CM-1-1-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Semmler et al. (2018a, b, c, 2019a, b)		
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Wu et al. (2018a); Xin et al. (2019a, b, c, d)		
	CAMS-CSM1-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Rong (2019a, c, d, e, f, g)		
	CESM2: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019a, b, c, d, e)		
	CESM2-WACCM: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Danabasoglu (2019g, i, j, k, l)		
	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 (2020a, c, d, e, f)		
	CNRM-CM6-1: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2018a, 2019d, e, f, g)		

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Table 8.2 (continued)	CNRM-CM6-1-HR: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Voltaire (2019h, j, k, 2020a, b)		
	CNRM-ESM2-1: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Seferian (2018a); Voltaire (2019, m, n, o, p)		
	CanESM5: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019b, g, h, i, j, k)		
	CanESM5-CanOE: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Swart et al. (2019, n, o, p, q)		
	EC-Earth3: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019a, c, d, e, f, g)		
	EC-Earth3-AerChem: historical, ssp370	Input dataset			EC-Earth Consortium (EC-Earth) (2020a, c)		
	EC-Earth3-Veg: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019i, k, l, m, n, o)		
	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 (2019a, c, d, e, f, g)		
	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019a, c, d, e)		
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018a, c, d)		
	GFDL-ESM4: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			John et al. (2018a, b, c, d, e); Krasting et al. (2018a)		
	GISS-E2-1-G: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018a, 2020a, b, c, d, e)		
	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. (2019b); Jackson (2020a, b)		
	INM-CM4-8: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019a, c, d, e, f)		
	INM-CM5-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Volodin et al. (2019g, i, j, k, l)		
	IPSL-CM5A2-INCA: historical, ssp126, ssp370	Input dataset			Boucher et al. (2020a, b, c)		
	IPSL-CM6A-LR: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Boucher et al. (2018a, 2019a, b, c, d, e)		

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
<b>Table 8.2</b> <i>(continued)</i>	KACE-1-0-G: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Byun et al. (2019a, b, c, d, e)		
	MCM-UA-1-0: historical, ssp126, ssp245, ssp370, ssp585	Input dataset			Stouffer (2019a, c, d, e, f)		
	MIROC-ES2L: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Hajima et al. (2019a); Tachiiri et al. (2019a, b, c, d, e)		
	MIROC6: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Tatebe and Watanabe (2018a); Shiogama et al. (2019a, b, c, d, e)		
	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, e)		
	MRI-ESM2-0: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Yukimoto et al. (2019a, f, g, h, i, j)		
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019a)		
	NorESM2-LM: historical, ssp245	Input dataset			Seland et al. (2019a, d)		
	NorESM2-MM: historical, ssp126, ssp245, ssp585	Input dataset			Bentsen et al. (2019a, c, d, e)		
	TaiESM1: historical, ssp370, ssp585	Input dataset			Lee and Liang (2020a, c, d)		
	UKESM1-0-LL: historical, ssp119, ssp126, ssp245, ssp370, ssp585	Input dataset			Good et al. (2019a, b, c, d, e); Tang et al. (2019a)		
	Table 8.2 code	Code		Table 8.2.sh		<a href="https://github.com/IPCC-WG1/Chapter-8">https://github.com/IPCC-WG1/Chapter-8</a> (accessed 28/01/2022)	
<b>Figure 8.23</b>	CMIP6: SSP1-2.6, SSP2-4.5, SSP3-7.0, SSP5-8.5					<a href="https://esgf-node.llnl.gov/search/cmip6/">https://esgf-node.llnl.gov/search/cmip6/</a> (accessed 28/01/2022)	Lehner et al. (2020)
<b>Figure 8.24</b>	CESM1						Deser et al. (2017)
<b>Figure 8.25</b>	<b>CMIP6 data citations</b>						
	ACCESS-CM2: historical, ssp585	Input dataset			Dix et al. (2019a, f)		
	ACCESS-ESM1-5: historical, ssp585	Input dataset			Ziehn et al. (2019a, f)		
	AWI-CM-1-1-MR: historical, ssp585	Input dataset			Semmler et al. (2018c, 2019b)		
	CESM2: historical, ssp585	Input dataset			Danabasoglu (2019a, e)		



Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Figure 8.25 (continued)	CESM2-WACCM: historical, ssp585	Input dataset			Danabasoglu (2019g, l)		
	CIesm: historical, ssp585	Input dataset			Huang (2019a, 2020b)		
	CMCC-CM2-SR5: historical, ssp585	Input dataset			Lovato and Peano (2020a, f)		
	CNRM-CM6-1: historical, ssp585	Input dataset			Voltaire (2018a, 2019g)		
	CNRM-CM6-1-HR: historical, ssp585	Input dataset			Voltaire (2019h, k)		
	CNRM-ESM2-1: historical, ssp585	Input dataset			Seferian (2018a); Voltaire (2019p)		
	CanESM5: historical, ssp585	Input dataset			Swart et al. (2019b, k)		
	CanESM5-CanOE: historical, ssp585	Input dataset			Swart et al. (2019l, q)		
	EC-Earth3: historical, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019a, g)		
	EC-Earth3-Veg: historical, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019i, o)		
	FGOALS-f3-L: historical, ssp585	Input dataset			Yu (2019a, f)		
	FIO-ESM-2-0: historical, ssp585	Input dataset			Song et al. (2019a, e)		
	GFDL-CM4: historical, ssp585	Input dataset			Guo et al. (2018a, d)		
	HadGEM3-GC31-LL: historical, ssp585	Input dataset			Ridley et al. (2019a); Good (2020b)		
	HadGEM3-GC31-MM: historical, ssp585	Input dataset			Ridley et al. (2019b); Jackson (2020b)		
	IPSL-CM6A-LR: historical, ssp585	Input dataset			Boucher et al. (2018a, 2019e)		
	KACE-1-0-G: historical, ssp585	Input dataset			Byun et al. (2019d, e)		
	MCM-UA-1-0: historical, ssp585	Input dataset			Stouffer (2019a, f)		
	MRI-ESM2-0: historical, ssp585	Input dataset			Yukimoto et al. (2019a, j)		
	NESM3: historical, ssp585	Input dataset			Cao (2019c); Cao and Wang (2019a)		
TaiESM1: historical, ssp585	Input dataset			Lee and Liang (2020a, d)			
UKESM1-0-LL: historical, ssp585	Input dataset			Good et al. (2019e); Tang et al. (2019a)			
Figure 8.25 code	Code		Fig8-25.sh (compute and plot)			<a href="https://github.com/IPCC-WG1/Chapter-8">https://github.com/IPCC-WG1/Chapter-8</a> (accessed 28/01/2022)	

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used	
Figure 8.26	Figure 8.26 code	Code	Fig8-26.sh (compute and plot)			<a href="https://github.com/IPCC-WG1/Chapter-8">https://github.com/IPCC-WG1/Chapter-8</a> (accessed 28/01/2022)		
Figure 8.27	TraCE paleoclimate simulation, paleoclimate proxy and doubling of CO <sub>2</sub> experiment						Liu et al. (2009, 2017)	
Box 8.1, Figure 1	CMIP6 DAMIP, GPCC, CRU GEBA					<a href="https://esgf-node.llnl.gov/search/obs4mips/">https://esgf-node.llnl.gov/search/obs4mips/</a> (accessed 28/01/2022) <a href="https://psl.noaa.gov/data/gridded/data.gpcp.html">https://psl.noaa.gov/data/gridded/data.gpcp.html</a> (accessed 28/01/2022) <a href="https://crudata.uea.ac.uk/cru/data/hrg/cru_ts_4.04/ge/">https://crudata.uea.ac.uk/cru/data/hrg/cru_ts_4.04/ge/</a> (accessed 28/01/2022)	Huffman et al. (1997, 2009); Adler et al. (2003, 2016); Harris et al. (2014); Storelvmo et al. (2018)	
	<b>CMIP6 data citations</b>							
	ACCESS-ESM1-5: historical, hist-GHG, hist-aer	Input dataset			Ziehn et al. (2019a, 2020a, b)			
	BCC-CSM2-MR: historical, hist-GHG, hist-aer	Input dataset			Wu et al. (2018a, 2019a, b)			
	CNRM-CM6-1: historical, hist-GHG, hist-aer	Input dataset			Voltaire (2018a, 2019a, b)			
	CanESM5: historical, hist-GHG, hist-aer	Input dataset			Swart et al. (2019b, d, e)			
	FGOALS-g3: hist-GHG, hist-aer, historical	Input dataset			Li (2020a, b, c)			
	HadGEM3-GC31-LL: historical, hist-GHG, hist-aer	Input dataset			Jones (2019a, b); Ridley et al. (2019a)			
	IPSL-CM6A-LR: historical, hist-GHG, hist-aer	Input dataset			Boucher et al. (2018a, c, d)			
	MIROC6: historical, hist-GHG, hist-aer	Input dataset			Tatebe and Watanabe (2018a); Shiogama (2019a, b)			
MRI-ESM2-0: historical, hist-GHG, hist-aer	Input dataset			Yukimoto et al. (2019a, c, d)				
Box 8.2, Figure 1	<b>CMIP6 data citations</b>							
	ACCESS-CM2: historical, ssp126, ssp245, ssp585	Input dataset			Dix et al. (2019a, c, d, f)			
	ACCESS-ESM1-5: historical, ssp126, ssp245, ssp585	Input dataset			Ziehn et al. (2019a, c, d, f)			

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Box 8.2, Figure 1 (continued)	AWI-CM-1-1-MR: historical, ssp126, ssp245, ssp585	Input dataset			Semmler et al. (2018a, b, c, 2019b)		
	BCC-CSM2-MR: historical, ssp126, ssp245, ssp585	Input dataset			Wu et al. (2018a); Xin et al. (2019a, b, d)		
	CAMS-CSM1-0: historical, ssp126, ssp245, ssp585	Input dataset			Rong (2019a, d, e, g)		
	CESM2: historical, ssp126, ssp245, ssp585	Input dataset			Danabasoglu (2019a, b, c, e)		
	CESM2-WACCM: historical, ssp126, ssp245, ssp585	Input dataset			Danabasoglu (2019g, i, j, l)		
	CIesm: historical, ssp126, ssp245, ssp585	Input dataset			Huang (2019a, c, 2020a, b)		
	CMCC-CM2-SR5: historical, ssp126, ssp245, ssp585	Input dataset			Lovato and Peano (2020a, c, d, f)		
	CNRM-CM6-1: historical, ssp126, ssp245, ssp585	Input dataset			Voltaire (2018a, 2019d, e, g)		
	CNRM-CM6-1-HR: historical, ssp126, ssp245, ssp585	Input dataset			Voltaire (2019h, j, k, 2020a)		
	CNRM-ESM2-1: historical, ssp126, ssp245, ssp585	Input dataset			Seferian (2018a); Voltaire (2019m, n, p)		
	CanESM5: historical, ssp126, ssp245, ssp585	Input dataset			Swart et al. (2019b, h, i, k)		
	CanESM5-CanOE: historical, ssp126, ssp245, ssp585	Input dataset			Swart et al. (2019l, n, o, q)		
	EC-Earth3: historical, ssp126, ssp245, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019a, d, e, g)		
	EC-Earth3-Veg: historical, ssp126, ssp245, ssp585	Input dataset			EC-Earth Consortium (EC-Earth) (2019i, l, m, o)		
	FGOALS-f3-L: historical, ssp126, ssp245, ssp585	Input dataset			Yu (2019a, c, d, f)		
	FGOALS-g3: historical, ssp126, ssp245, ssp585	Input dataset			Li (2019a, d, e, g)		
	FIO-ESM-2-0: historical, ssp126, ssp245, ssp585	Input dataset			Song et al. (2019a, c, d, e)		
	GFDL-CM4: historical, ssp245, ssp585	Input dataset			Guo et al. (2018a, c, d)		
	GFDL-ESM4: historical, ssp126, ssp245, ssp585	Input dataset			John et al. (2018b, c, e); Krasting et al. (2018a)		

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Box 8.2, Figure 1 (continued)	GISS-E2-1-G: historical, ssp126, ssp245, ssp585	Input dataset			NASA Goddard Institute for Space Studies (NASA/GISS) (2018a, 2020b, c, e)		
	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. (2019b); 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, ssp585	Input dataset			Volodin et al. (2019a, c, d, f)		
	INM-CM5-0: historical, ssp126, ssp245, ssp585	Input dataset			Volodin et al. (2019g, i, j, l)		
	IPSL-CM5A2-INCA: historical, ssp126	Input dataset			Boucher et al. (2020a, b)		
	IPSL-CM6A-LR: historical, ssp126, ssp245, ssp585	Input dataset			Boucher et al. (2018a, 2019b, c, e)		
	KACE-1-0-G: historical, ssp126, ssp245, ssp585	Input dataset			Byun et al. (2019a, b, d, e)		
	MCM-UA-1-0: historical, ssp126, ssp245, ssp585	Input dataset			Stouffer (2019a, c, d, f)		
	MIROC-ES2L: historical, ssp126, ssp245, ssp585	Input dataset			Hajima et al. (2019a); Tachiiri et al. (2019b, c, e)		
	MIROC6: historical, ssp126, ssp245, ssp585	Input dataset			Tatebe and Watanabe (2018a); Shiogama et al. (2019b, c, e)		
	MPI-ESM1-2-HR: historical, ssp126, ssp245, ssp585	Input dataset			Jungclaus et al. (2019a); Schupfner et al. (2019a, b, d)		
	MPI-ESM1-2-LR: historical, ssp126, ssp245, ssp585	Input dataset			Wieners et al. (2019a, b, d, e)		
	MRI-ESM2-0: historical, ssp126, ssp245, ssp585	Input dataset			Yukimoto et al. (2019a, g, h, j)		
	NESM3: historical, ssp126, ssp245, ssp585	Input dataset			Cao (2019a, b, c); Cao and Wang (2019a)		
	NorESM2-LM: historical, ssp245	Input dataset			Seland et al. (2019a, d)		
	NorESM2-MM: historical, ssp126, ssp245, ssp585	Input dataset			Bentsen et al. (2019a, c, d, e)		
TaiESM1: historical, ssp585	Input dataset			Lee and Liang (2020a, d)			

Figure/Table Number	Dataset/Code Name	Type	File Name/ Specificities	License Type	Dataset/Code Citation	Dataset/Code URL	Related Publications/Software Used
Box 8.2, Figure 1 <i>(continued)</i>	UKESM1-0-LL: historical, ssp126, ssp245, ssp585	Input dataset			Good et al. (2019b, c, e); Tang et al. (2019a)		
	Box 8.2, Figure 1 code	Code	FigBox8-2-f1.sh (compute and plot)			<a href="https://github.com/IPCC-WG1/Chapter-8">https://github.com/IPCC-WG1/Chapter-8</a> (accessed 28/01/2022)	
Box 8.2, Figure 2		Schematic					Wang et al. (2013)
FAQ 8.1, Figure 1		Schematic summarizing the influence of land cover and land-use change on the regional water cycle.					
FAQ 8.2, Figure 1		Schematic illustrating factors important in determining changes in heavy precipitation and flooding.					
FAQ 8.3, Figure 1		Schematic. Drought.					

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