Guidance notes:

1 *Please select one of the options in column C (where applicable) and enter further information in column E.*
2 *Where applicable, give additional information requested in column E, replacing the italicised text.*
3 *Do not enter information in the blue cells.*

No.	Question	Options	Guidance notes	Response
Description				
1.1 Author				
1.1a	Intellectual Property Right holder		Provide name and address	
1.2 Dataset				
1.2a	Title		Provide a long (up to 120 characters) and short version (less than 32 characters) of the title.	*Coupled Model Intercomparison Project Phase 5 (CMIP5)*
1.2b	Description		Provide 200-500 word description, highlighting the key distinguishing features of the dataset. This text will be used in the DDC entry.	*international climate modeling community since its inception in 1995 under the World Climate Research Programme (WCRP).*
Authority				
2.1 Use by the IPCC				
2.1a	Has the dataset been used in an IPCC Assessment or Special Report, e.g., in a figure or table or discussed in text?	Yes	List report name(s), table/figure/page number(s)	*AR4, WG1, Fig 3.14, WG2, chapter 3. In both cases annual data is used.The text is not explicit about whether GHCN daily or monthly data was used, but monthly would be the obvious choice.*
2.1b	Is dataset used in any other IPCC-related documents or materials?	Not known	List document name(s), table/figure/page number(s)	
2.2 Documentation				
2.2a	Is the dataset documented in detail in a peer-reviewed journal article or as a peer-reviewed dataset?	*Yes*	Provide full citation and list Thomson-Reuter impact factor (or other standard influence factors) for journal if available.	Taylor K. E. , R. J. Stouffer G. A. Meehl 201
2.2b	Is the dataset documented in detail in a peer-reviewed book chapter, report or technical document?	*Not known*	Provide full citation. List type of peer review if known; list type of book, report, or document, e.g., if part of a series; provide evidence of credibility of authors or publisher (e.g., UN organization)	
2.2c	Is the dataset documented in detail in a non-peer reviewed document, web site, or other resource?	*Yes*	Provide citation or links. Describe quality control or other review processes used (e.g., crowd sourcing); provide evidence of credibility of authors or publisher (e.g., UN organization)	*Taylor_CMIP5_22Jan11_marked.pdf at http://cmip-pcmdi.llnl.gov/cmip5/experiment_design.html*
2.2d	Has there been significant discussion of the dataset in the scientific literature?	*Not known*	Provide citations to criticisms and responses where relevant.	
2.2e	Are the uncertainties associated with the data documented.	*No*	Provide link(s) or reference(s) and indicate what sort of uncertainty information is provided?	
2.3 Lineage				
2.3a	Is the dataset produced by or under the direction of a national or international body or group?	Yes	List scientific body or group	*World Climate Research Programme's Working Group on Coupled Modelling, which is responsible for CMIP. For CMIP the U.S. Department of Energy's Program for Climate Model Diagnosis and Intercomparison provides coordinating support and led development of software infrastructure in partnership with the Global Organization for Earth System Science Portals.*
Significance Relative to the IPCC Community				
3.1 Interest in the data				
3.1a	Has an IPCC Working Group or the TFI used or expressed an intention of using this data?	*Yes*	Indicate which group(s) and/or other body. Provide reference and quote relative passage.	*Working group I http://www.ipcc.unibe*
3.1b	Have DDC users expressed interest in these data?	*Not known*	Indicate numbers and/or types of users. Provide user metrics or examples of queries.	
3.1c	Are there strong reasons for considering the data relevant to the DDC user community?	*Yes*	Give reasons, backed by references. References from gray literature should have accompanying justification, as for IPCC reports.	
3.2 Uniqueness				
3.2	Are other datasets available with the same or overlapping variables?	*No*	Indicate other datasets and degree of overlap; provide links.	
Stability of Data and Data Provider				
4.1 Curation				
4.1a	Does the provider have a published data policy?	*Yes*	Provide link or citation	*http://www.nerc.ac.uk/research/sites/*

4.1b	Does the provider have a succession plan for this dataset?	Yes	List organization(s) with long-term responsibility for the dataset (e.g., government agency, library, archive); provide a link to the plan or other documentation of the agreement	*Program for Climate Model Diagnosis and Intercomparison, Lawrence Livermore National Laboratory 7000 East Ave., Livermore, CA 94550-9234 (Deliveries) P.O. Box 808, Livermore, CA 94551-0808 (Mail) .USA.*
4.1c	Is there an explicit funding model for the dataset or data provider?	Yes	Indicate type (e.g., subscription-based, government-supported, submitter fees) and give link.	*BADC and DKRZ have funding for curation, within the DDC, of CMIP5 as data as used in AR5. PCMDI will continue to update the data after publication of AR5.*
Quality Control				
5.1 Meta-data and quality control				
5.1a	Does detailed meta-data exist for this data, in accordance with relevant national or international meta-data standards	*Metadata exists, not known if in accordance with standards.*	Indicate relevant standards (e.g. NASA's Directory Interchange Format) and provide a link to the metadata.	*http://cmip-pcmdi.llnl.gov/cmip5/data*
5.1b	Is there a stated quality assurance process or procedure for the dataset?	Yes	Indicate if relevant quality assurance standards are met (e.g., ISO9000) and give links.	*http://cera-www.dkrz.de/WDCC/CMIP5/*
5.1c	Is there a regular validation or calibration process or procedure for the data?	*Not known*	Indicate frequency and/or most recent date and give links	
5.1d	Is technical/usage guidance available?	Yes	Give links	*http://cmip-pcmdi.llnl.gov/cmip5/experiment_design.html*
5.2 Data updates and version control				
5.2a	Is the data subject to updates?	No	List frequency	
5.2b	Is there a clear version control process and tracking of data provenance?	Yes	Describe version control and data provenance procedures	*http://cmip-pcmdi.llnl.gov/cmip5/avail*
5.2c	Are previous versions of the dataset accessible?	Yes	List previous versions	
Accessibility				
6.1 Access requirements				
6.1a	Are the data available on-line for download?	*All*	Give links	* PCMDI: http://pcmdi9.llnl.gov * BADC: http://cmip-gw.badc.rl.ac.uk/home.htm * DKRZ: http://ipcc-ar5.dkrz.de/home.htm * NCI: http://esg.nci.org.au/esgcet/home.htm
6.1b	Are data made available in one or more standard (preferably open) formats?	Yes	List the formats available (at least one standard format is required);	*CF Netcdf, CMOR2*
6.1c	Are there restrictions (beyond user registration and acceptance of terms of use) on data use, re-dissemination, or reuse?	Yes	If applicable, specify the type of restrictions and give relevant links	*Part of the data is for non-commercial use only*
6.1d	Is the data available for free or for a charge?	*Free*	if applicable, give link to price structure	
6.2 Additional information				
6.2a	Is user registration required or requested?	*Both*	Give relevant links;	*http://cmip-pcmdi.llnl.gov/cmip5/data*
6.2b	Is attribution required or requested?	*Requested*	Give relevant links;	*http://cmip-pcmdi.llnl.gov/cmip5/citati*
6.2c	Are versions of the data available through open interfaces (e.g., OGC Web Services, REST, SOAP)?	*Not known*	List interfaces and give links for specifications	
6.2d	Are levels of service (e.g., bandwidth, up time) adequate?	*Not known*	Give links, e.g., to up time metrics	*Only email addresses of people to contact. http://cmip-pcmdi.llnl.gov/contact.html*
6.2e	Is user support available (e.g., help desk, frequently asked questions)?	Yes	List user support services and links	
6.2f	Is documentation available in English?	Yes	Give links	*http://cmip-pcmdi.llnl.gov/index.html*
6.2g	Is development documentation available in other languages	No	List languages (with links)	
6.2h	What is the spatial domain of the dataset		Specify bounding latitudes and longitudes	