

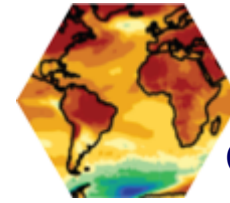
Discussion on interacting and complementary roles of

- WGSIP
- DCPD
- Grand Challenge on Near-Term Climate Prediction (GC-NTCP)
- WMO Lead Centre for Annual to Decadal Climate Prediction (LC-ADCP)

Interactions and cross-membership



Decadal Climate Variability and Predictability (DCVP) Working Group



Grand Challenge on Near-Term Climate Prediction

WGSIP



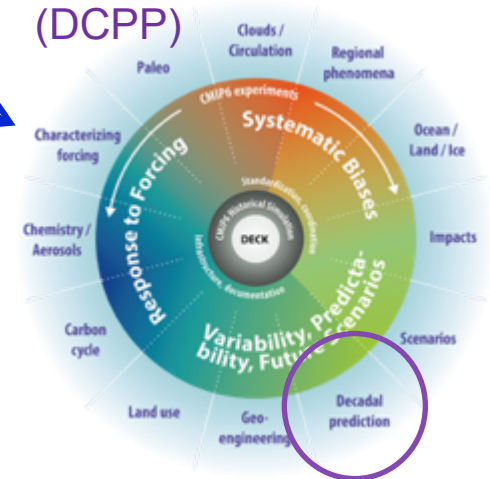
WMO Lead Centre for Annual to Decadal Climate Prediction (LC-ADCP)

IPET-OPSLS

WMO Lead Centre for Long-Range Forecast Multi-Model Ensemble



Decadal Climate Prediction Project (DCPP)



WGCM Members

C. Senior (Co-Chair)	Hadley Centre, UK Met Office, UK
Greg Flato (Co-Chair)	Canadian Centre for Climate Modelling and Analysis, CANADA
V. Eyring	DLR, Institut für Physik der Atmosphäre, Germany
P. Friedlingstein	University of Exeter, UK
M. Kageyama	Laboratoire des Sciences du Climat et de l'Environnement, France
M. Kawamiya	Japan Agency for Marine-Earth Science and Technology, Japan
S. Marsland	CSIRO, Australia
Swapna Panickal	Indian Institute of Tropical Meteorology, India
B. Stevens	Max Planck Institute for Meteorology, Germany
C. Tebaldi	National Center for Atmospheric Research, USA
Zhou Tianjun	Institute of Atmospheric Physics, Chinese Academy of Sciences, China
B. van den Hurk	KNMI, Netherlands
D. van Vuuren	Netherlands Environmental Assessment Agency, Netherlands

Ex-officio

G. Danabasoglu	Co-Chair of WGOMD	NCAR, USA
V. Eyring	Chair of the CMIP Panel	DLR, Germany
F. Giorgi	Co-Chair of CORDEX	ICTP, Italy
W. Gutowski	Co-Chair of CORDEX	Iowa State University, USA
G. Krinner	Co-Chair of CliC	LGGE, France
James Renwick	Co-Chair of CliC	Victoria University of Wellington, NZ
K. Williams	Co-Chair of WGNE	UK MetOffice, UK
A. Zadra	Co-Chair of WGNE	Environment Canada, Canada

WGCM Members

→ should S2S, DCP, (+GC-NTCP?) co-chairs become ex-officio members of WGSIP?

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CMIP panel members

CMIP Panel

* V. Eyring (Chair)	DLR, Germany
* G. Flato	CCCma, Canada
G. Meehl	NCAR, USA
* C. Senior	Met Office, UK
* B. Stevens	MPI-M, Germany
R. Stouffer	NOAA/GFDL, USA
K. Taylor	PCMDI, USA

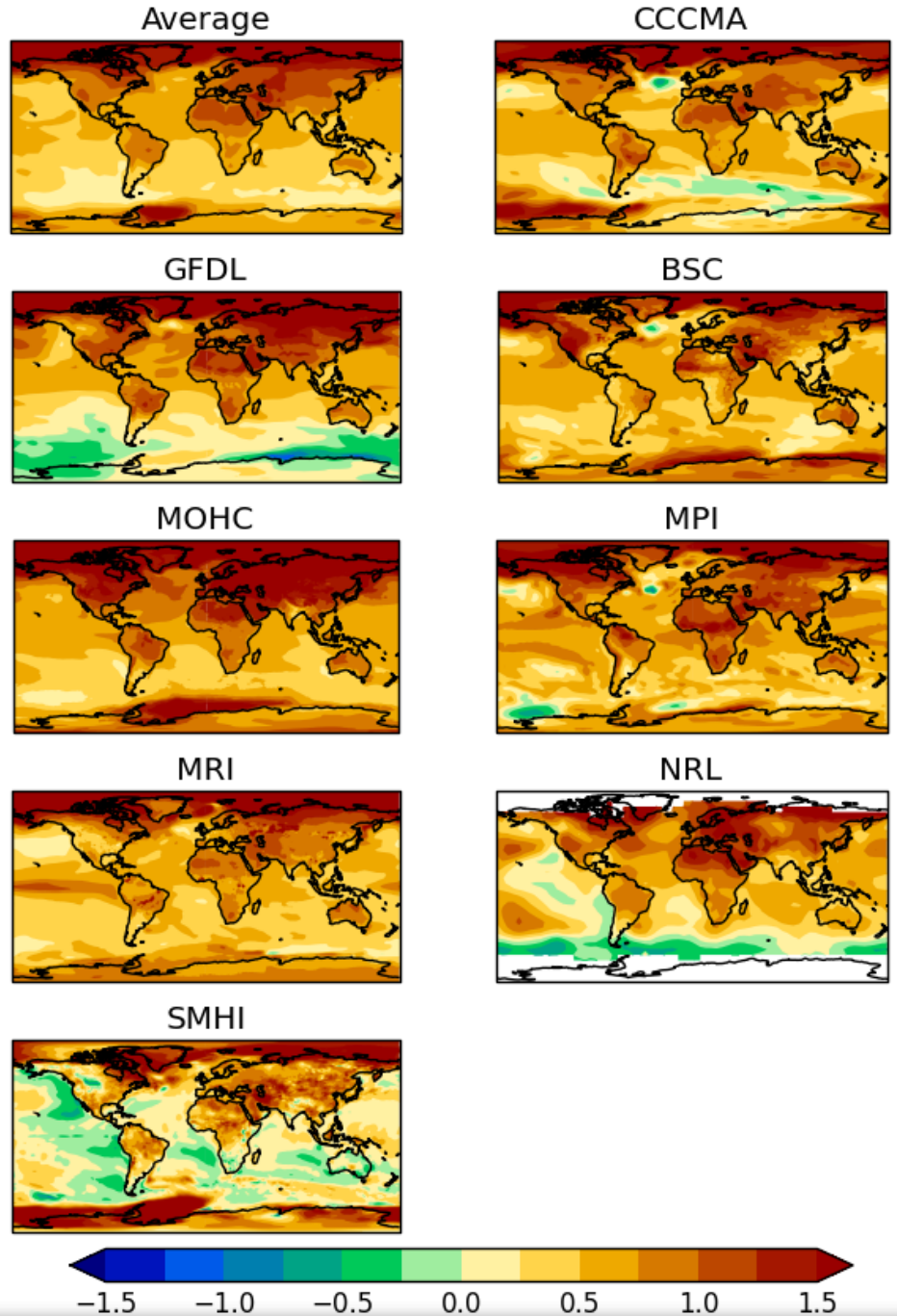


Multi-model decadal forecast exchange

The Met Office coordinates an informal exchange of near-real time decadal predictions. Many institutions around the world are developing decadal prediction capability and this informal exchange is intended to facilitate research and collaboration on the topic.



2016 predictions for 2017-2021 surface temperature



Questions posed

- 1) How clearly defined currently are interacting and complementary roles of DCP, GC-NTCP and LC-ADCP?
- 2) Is the following picture accurate?
 - **DCP** defines CMIP experiments, hindcast and forecast protocols for LC
 - **LC** receives real-time and hindcast data from decadal GPCs in form prescribed by DCP, makes available to RCOFs and national met services
 - GC promotes advancement of decadal forecasting science
 - develops technical standards for LC products and verification
 - produces yearly Global Annual to Decadal Climate Update
- 3) Even if LC products and data not freely available, annually updated DPCC data will be through CMIP6/ESGF?
- 4) Will LC hind/forecast data be available to researchers, or is that even necessary if answer to (3) is “yes”?
- 5) Will the decadal exchange with its public forecast maps continue?
- 6) How should GC, LC and DCP activities to be reported to the WCRP JSC?
(Although this might sound trivial, it is important to make sure that any WGSIP presentation in April collects the spirit, aims and specificities of the different groups. –Paco)