

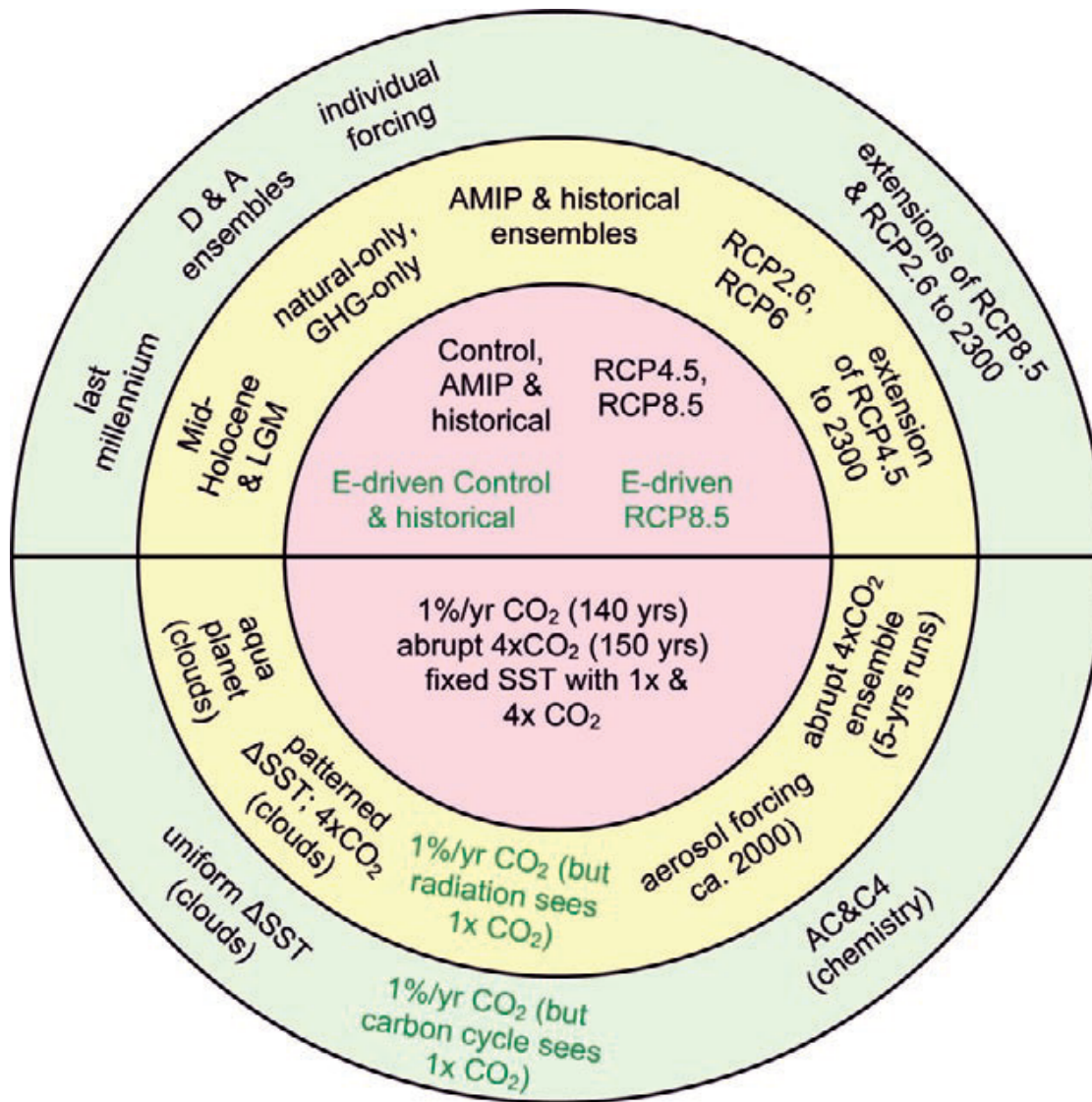
Status of CMIP5

Arun Kumar

18 July 2012

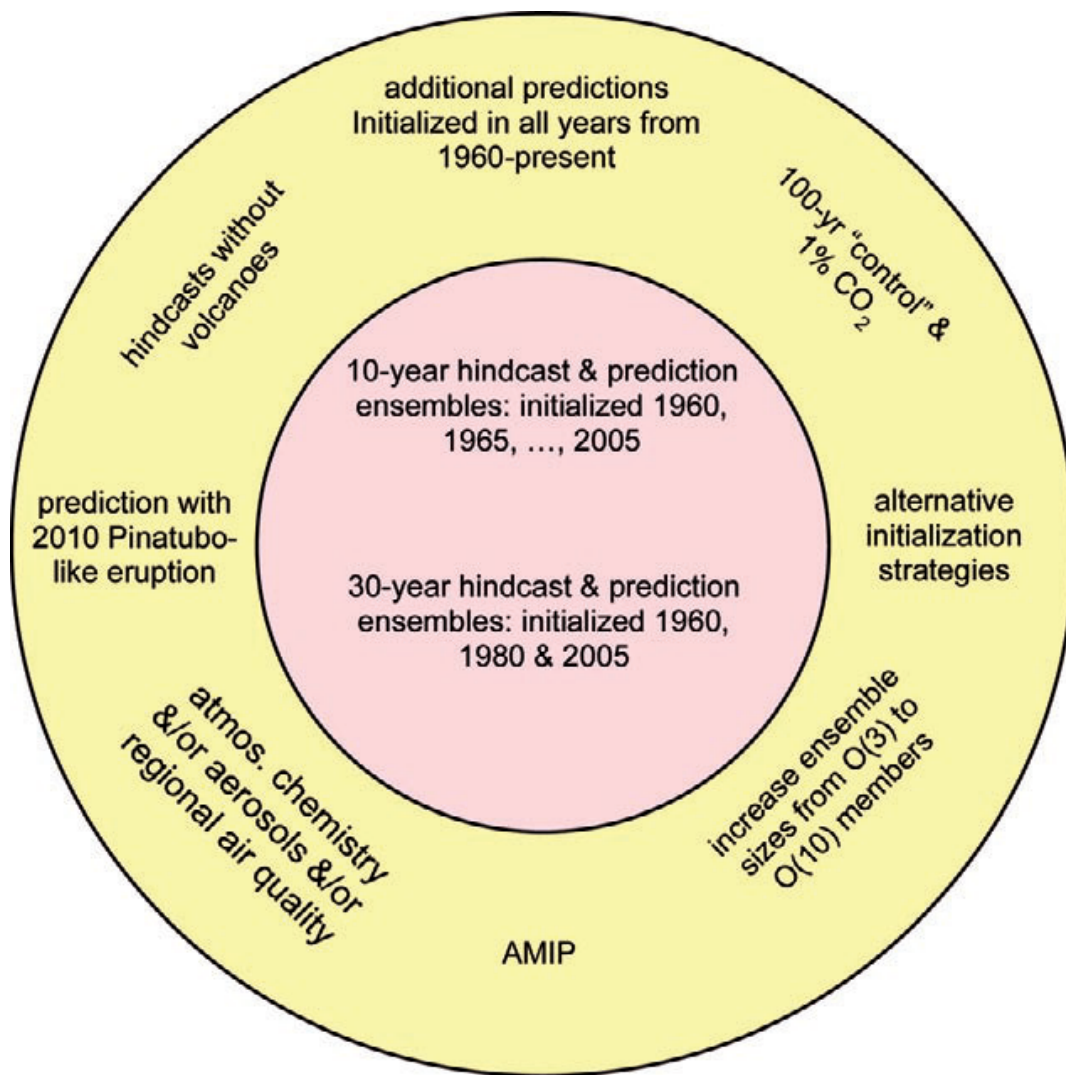
Coupled Model Intercomparison Project – Phase 5

- **Led by WCRP/Working Group on Coupled Modeling (WGCM)**
- **Provide input to the IPCC Assessment Report 5 (AR5) – 2013**
- **Various modeling groups to perform a subset of model simulations**
- **Data distributed via Earth System Grid (ESG)**

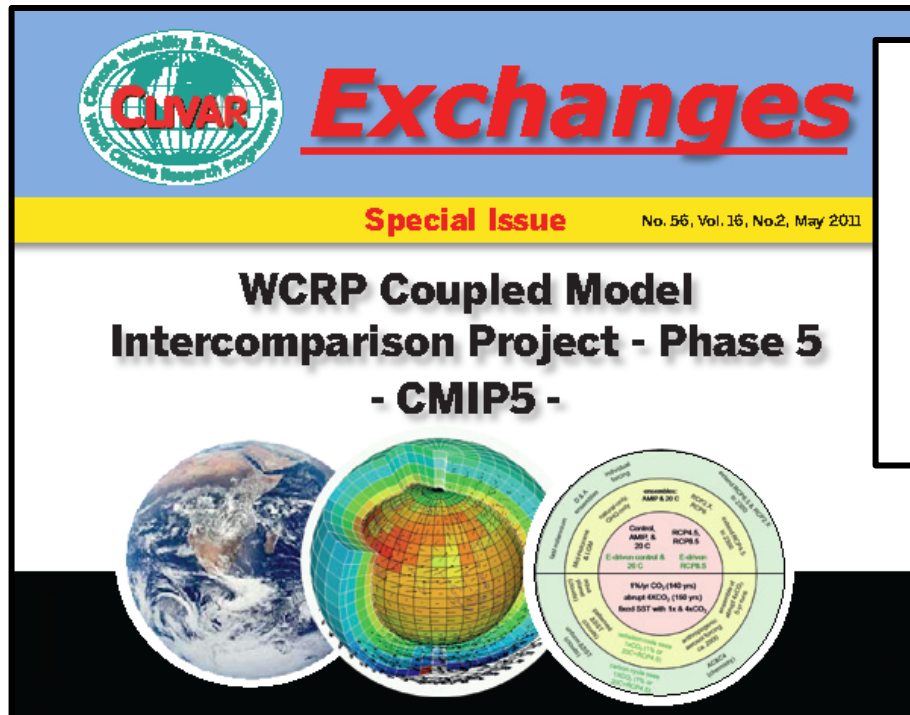


Comparison with past observations or climate projections

Better understanding of the climate system and model behavior



Special Issues of CLVAR Exchanges



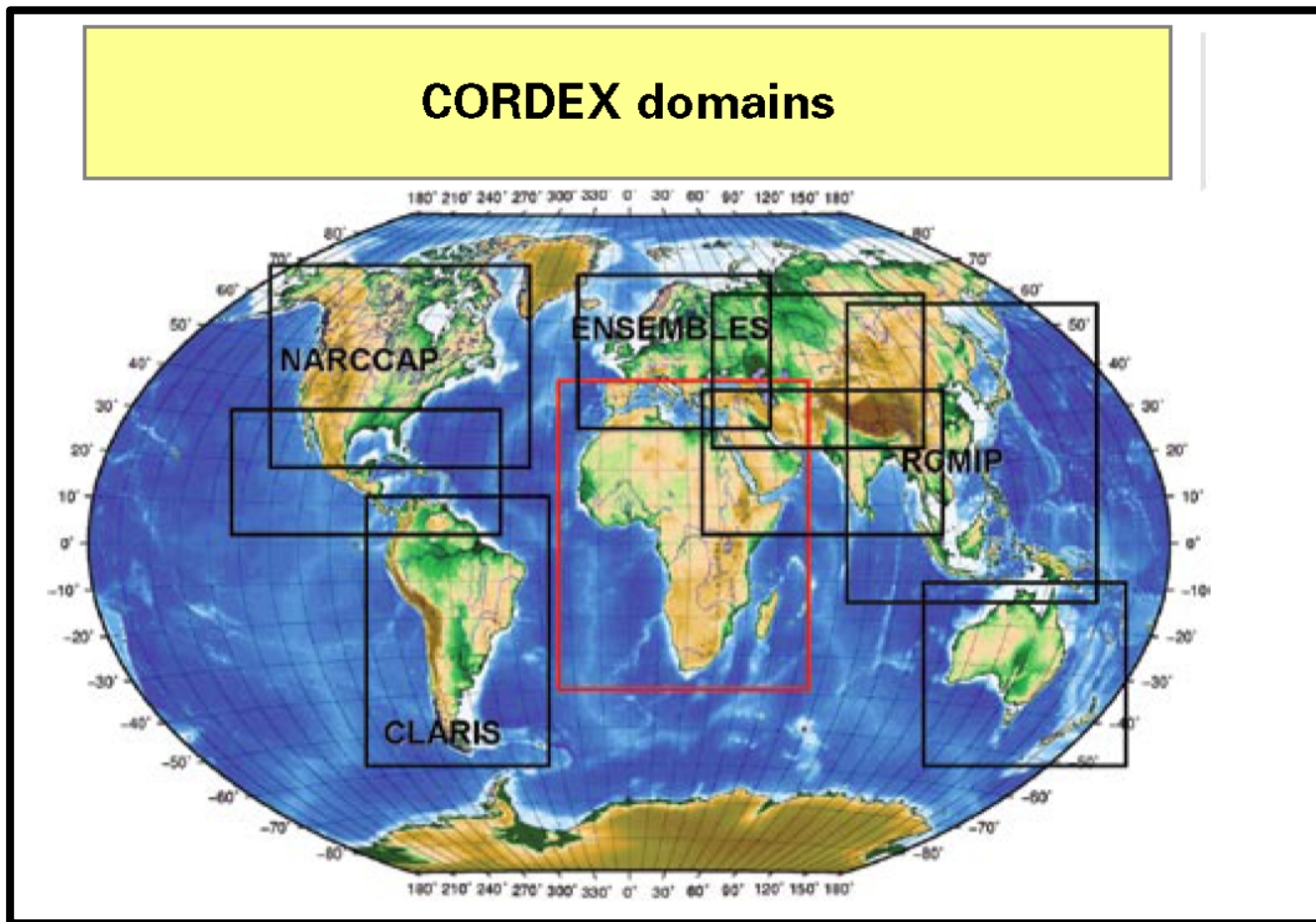
Physical Ocean Fields in CMIP5

Stephen Griffies¹ and Gokhan Danabasoglu²

1 NOAA Geophysical Fluid Dynamics Lab, USA

2 NCAR, USA

CORDEX - COordinated Regional climate Downscaling Experiment



CMIP5 Status & Schedule

- **July 31, 2012: By this date papers must be submitted for publication to be eligible for assessment by AR5 WG1**
- **March 15, 2013: By this date papers cited by AR5 WG1 must be published or accepted (with proof, for example, by a letter of confirmation from the editor)**
- **<http://esgf.org/wiki/Cmip5Status/ArchiveView>**

CMIP5 Status & Schedule

Summary	
<i>Modeling centers</i>	32
<i>Models</i>	60
<i>Experiments</i>	108
<i>Data nodes</i>	22
<i>Gateways</i>	5
<i>Datasets</i>	52500
<i>Size</i>	1,383.01 TB
<i>Files</i>	3,064,901

Possible Issues to Discuss

- **Data Availability**

	CMEP 2011 Awards
	Analysis of Climate Model Simulations for the IPCC Fifth Assessment Report
	CMEP 2011 Awards

- **Inter comparison of CMIP3 & CMIP5 in the context of regional climate over the US...
Activity going on as part of NOAA/CPO/MAPP program**