

## JOINT SCIENTIFIC COMMITTEE (JSC)

WCRP MODELLING ADVISORY COUNCIL (WMAC)

WCRP DATA ADVISORY COUNCIL (WDAC)

### WORKING GROUPS ON:

SUBSEASONAL TO INTERDECADAL PREDICTION (WGSIP)  
NUMERICAL EXPERIMENTATION (WGNE)

COUPLED MODELLING (WGCM)  
REGIONAL CLIMATE (WGRC)

**cliC**



**CRYOSPHERE-  
CLIMATE**

**CLIVAR**



**OCEAN-  
ATMOSPHERE**

**GEWEX**



**LAND-  
ATMOSPHERE**

**SPARC**



**TROPOSPHERE-  
STRATOSPHERE**

**CORDEX**



**REGIONAL CLIMATE  
DOWNSCALING**

WCRP SECRETARIAT

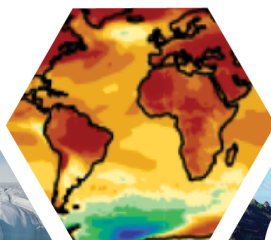
### GRAND CHALLENGES:



WATER FOR THE FOOD  
BASKETS OF THE WORLD



MELTING ICE AND  
GLOBAL CONSEQUENCES



NEAR-TERM  
CLIMATE PREDICTION



CARBON FEEDBACKS  
IN THE CLIMATE SYSTEM



WEATHER AND  
CLIMATE EXTREMES



REGIONAL SEA LEVEL CHANGE  
AND COASTAL IMPACTS



CLOUDS,  
CIRCULATION AND  
CLIMATE SENSITIVITY