



WORLD CLIMATE RESEARCH PROGRAMME

Update on Sponsors' Review and Strategy and Implementation Plans

Michel Rixen

WDAC7, 26-27 March 2018

WMO, Geneva, Switzerland



ICSU
International Council for Science

WCRP's mission

... is to facilitate **analysis** and prediction of Earth system variability and change for use in an increasing range of practical applications of direct relevance, benefit and value to society.

The two overarching objectives of WCRP are:

to determine the predictability of climate

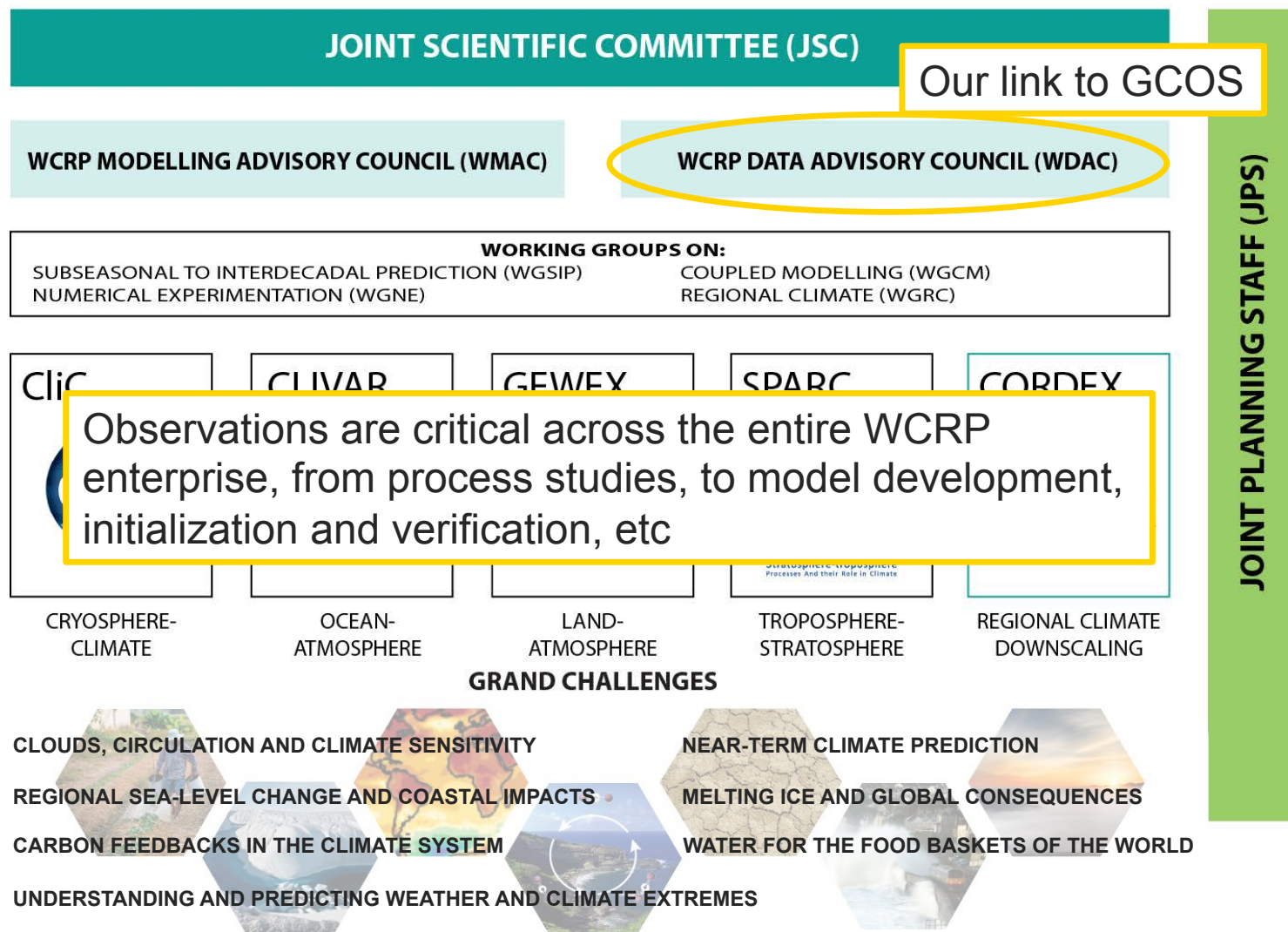
to determine the effect of human activities on climate



ICSU
International Council for Science



WCRP Structure



INTERNATIONAL
COUNCIL
FOR SCIENCE



Evolving context and challenges

Last WCRP Strategic Plan: 2005-2015

Last WCRP Review: 2009

Last WCRP Implementation Plan: 2010-2015

Research is pulled into a new and broader
“operational/service/policy” landscape

- IPCC Assessment Reports
- UNFCCC Paris Agreement and Global Stocktake
- Global Framework for Climate Services
- Sendai Framework for Disaster Risk Reduction
- ...



Key recommendations of the Review

1. Science Strategy and Implementation: key societal needs, international coordination, bedrock science but relevance
2. Governance and the MoU, sponsors board
3. JSC Science Strategy leadership
4. JPS and Operations
5. WCRP structure to support implementation
6. Sponsors' financial support
7. Science for Services
8. Partnerships: WWRP, GAW, GCOS, Future Earth, etc



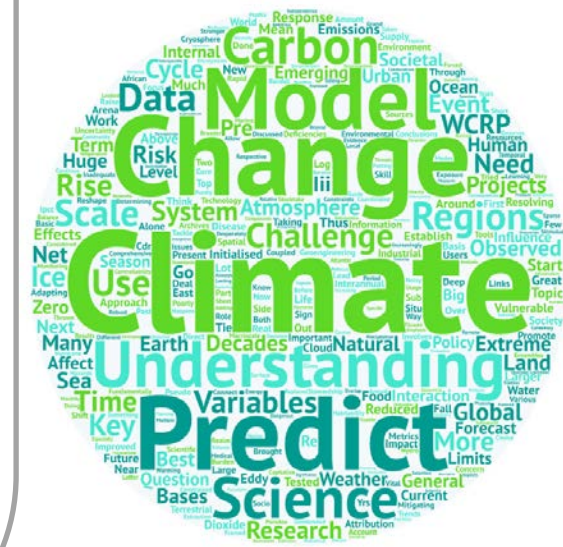
- 



INTERNATIONAL
COUNCIL
FOR SCIENCE



- 



WCRP New Strategy: observations and data

- Explicit reference in current draft Strategic Plan to:
 - Sustained observing systems and innovation
 - International coordinated field experiments
 - Open data policies and interoperability
 - High-end data infrastructures
 - Climate data records
 - Reanalyses
 - Stronger WCRP-GCOS strategic alignment
- Implementation Plan: will address WCRP-GCOS governance



Thank You



ICSU
International Council for Science



www.wcrp-climate.org