

WORLD CLIMATE RESEARCH PROGRAMME

*Michel Rixen
WGSIP18 meeting
23-25 Nov 2016
Dakar, Senegal*



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.

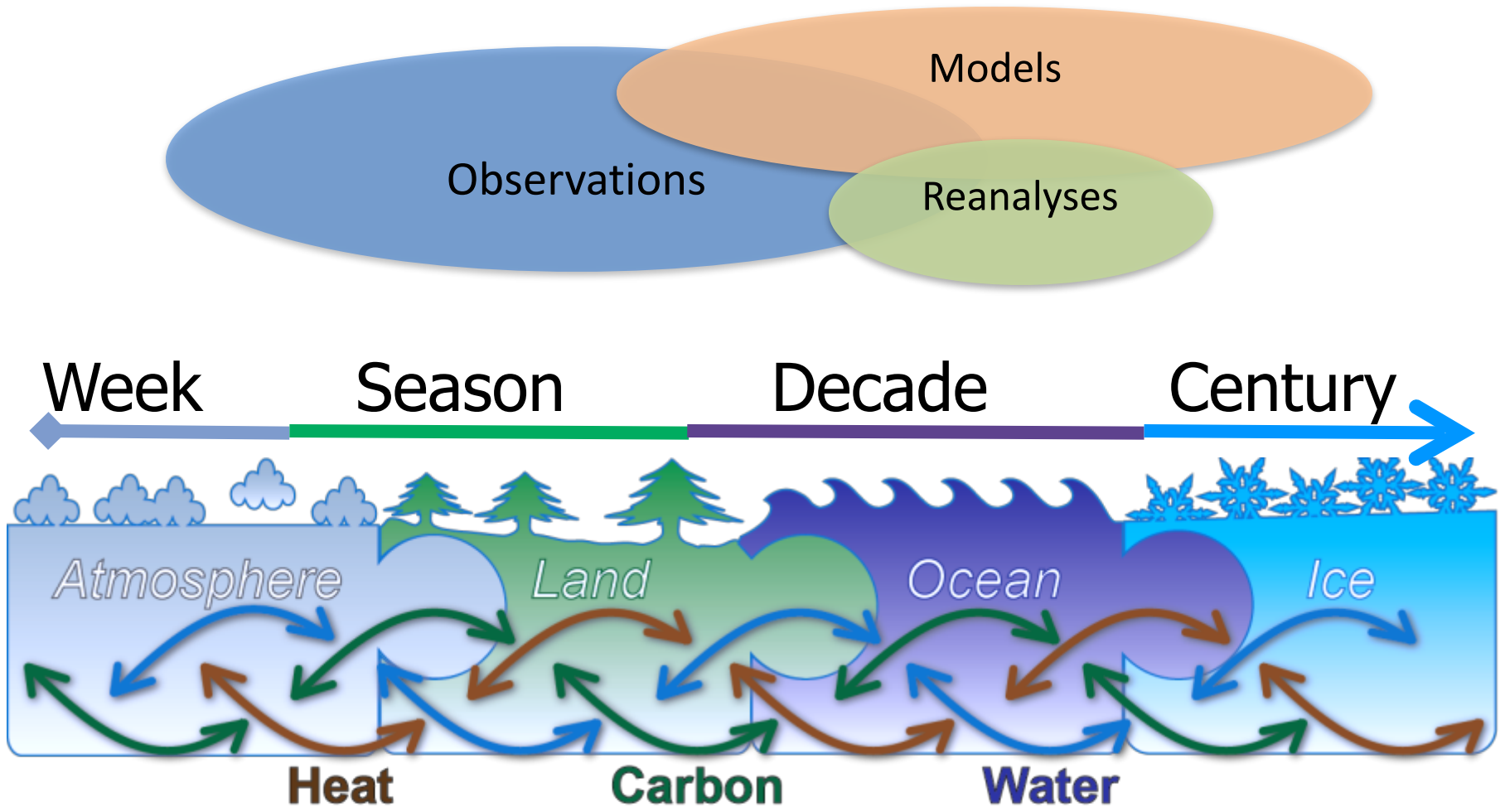
The two overarching objectives of WCRP are:

to determine the predictability of climate

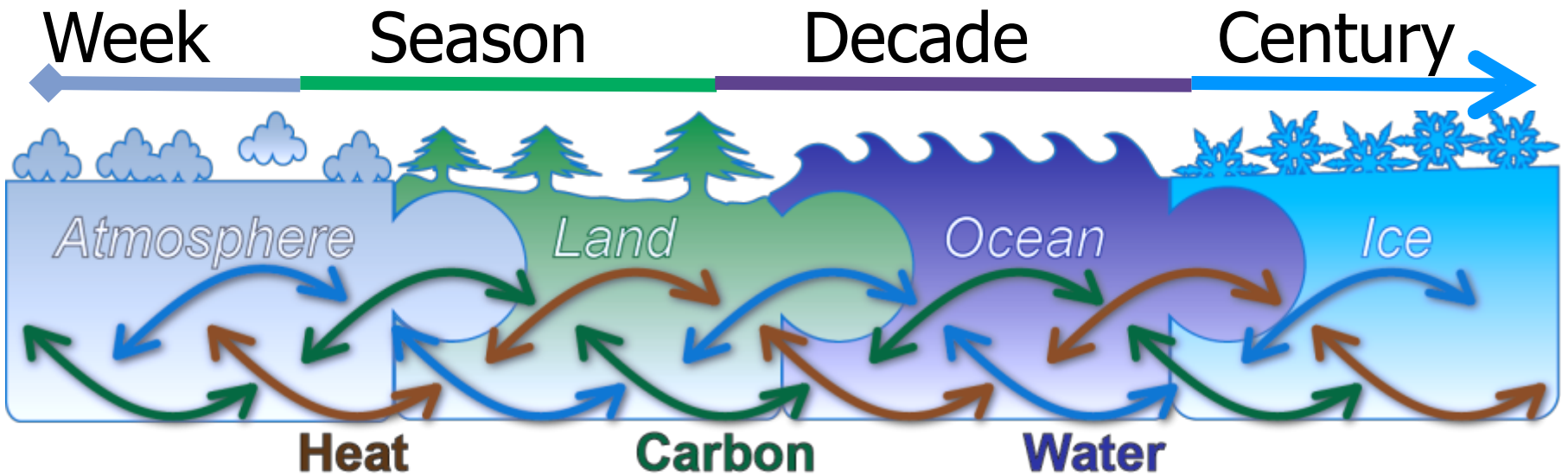
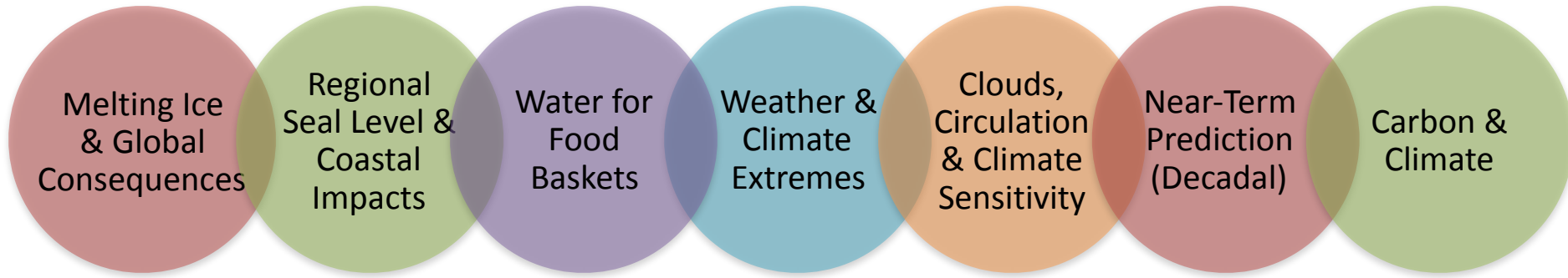
to determine the effect of human activities on climate



Scope and tools



Focus



WCRP Structure

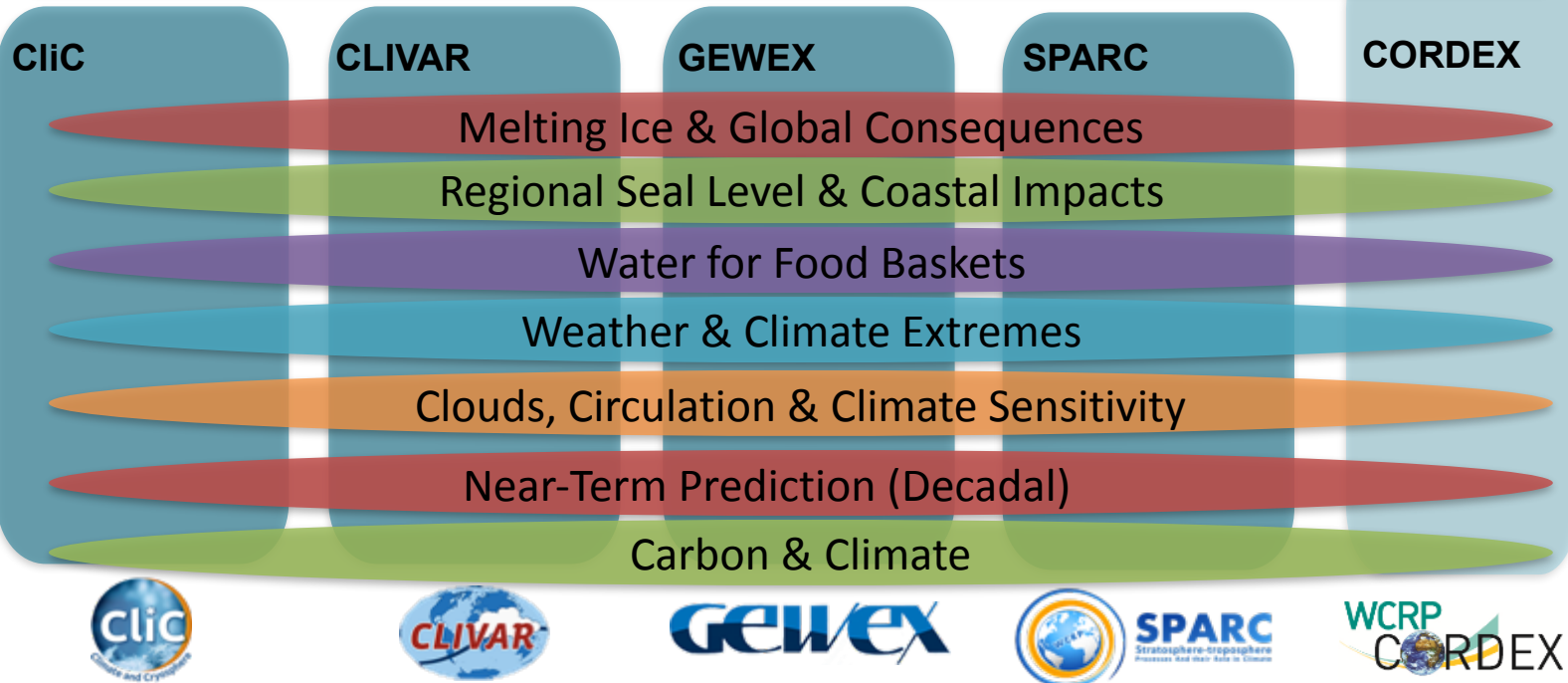
Joint Scientific Committee

Joint Planning Staff

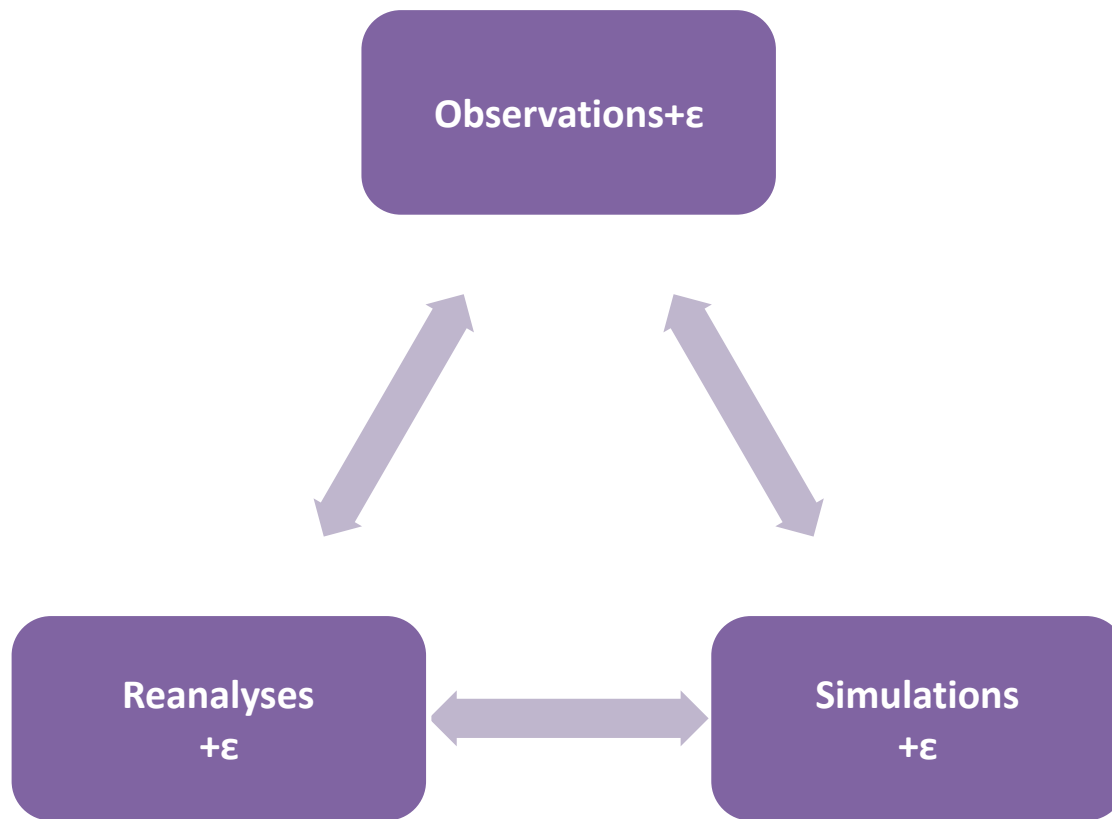
Modeling Advisory Council

Data Advisory Council

Working Groups on: Numerical Experimentation (WGNE), Seasonal **to Interannual Prediction** (WGSIP), Coupled Modeling (WGCM), Regional Climate (WGRC)



WCRP vision for a data infrastructure: Earth System Grid Federation



- **IN THE PAST**
 - nominations submitted via ICSU and national POCs
- **NOW**
 - WCRP has gained Observer Status within IPCC
 - Nominations can be forwarded by WCRP to IPCC directly

WCRP Ahead document

- Review and strategic document currently under development
- Opportunity to convey achievements and fresh vision of WGSIP
- GC Near-Term Climate Predictions will be featured
- Draft due 4 Dec 2016



Some relevant events

- USA elections 8 November 2016...
- WDAC6, 22-23 March 2017, ESRIN/ESA, Italy
- JSC38, 3-5 April 2017, Paris, France
- WGNE Systematic Error Workshop, 19-23 June 2017, Montreal, Canada
- WCRP Earth System Model Evaluation workshop, 31 July – 4 Aug 2017, Aspen, USA
- Joint WGs meeting, 9-13 Oct 2017, Exeter, UK (DCPP?)
- International Conference on Reanalysis, 9-13 Nov 2017, Rome, Italy
- ...

Last but not least

Many thanks to ANACIM/ERNAM for hosting us!

Special thanks to Ousmane and colleagues for all their help!





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Thank you for your attention!

