Extraordinary Session of the WCRP Joint Scientific Committee (JSC41B)

2. Reports from “New Homes”
New Home: Regional Information for Society (RifS)
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• Initial Steps: TTRA identifying WCRP work focused on Regional Activities

• Then TTRA focused on identifying WCRP activities pursuing for Regional Information
  • Proposal to develop Regional Pilot Studies involving the overall WCRP community

→ TTRA + WGRC + CORDEX members started the dialogue to define the New Home structure
# Questions – to guide the discussions

## 1. Progress towards identifying goals and outcomes
- Key science goals, objectives and scope
- What would be some of the high level outcomes and impacts you hope that the new home will achieve?

## 2. Relationships
- Who are the priority research allies, partners and stakeholders?
- Have you had any discussions with these partners and stakeholders?
- How can we ensure geographical and gender diversity?

## 3. Structure
- What would be the key structural elements and associated governance? (e.g. Scientific Steering Group, Working Groups etc)?

## 4. Resources
- What additional resources might be needed (incl. IPO)
- Other support from WCRP? From others?

## 5. Timeline and roadmap
- An approximate timeline for the development the new home.

**Guidance:** answer each of these in following slides
1. Progress towards identifying goals and outcomes

Ongoing discussions to identify Scientific Goals, Objectives and Scope - living document with inputs from the WCRP community including the dialogue with Society

Expected outcomes
(i) Provision of new and promising approaches to harmonize/distill/summarize decision- and scale-relevant climate information from across data sources, data types, and relevant scales of time and space through leveraging the multiple sources from WCRP and related external programs

(ii) Enhanced understanding by the WCRP community of the nature and issues inherent in climate services and stakeholder communities

(iii) Production of guidance material about multiple sources of information, for climate service providers, users and end users

(iv) Producing assessments, organizing information, capacity building and development, upscaling best practices.
2. Relationships

Within WCRP:
• Two-way interaction with all WCRP activities: LHAs, Core Projects and New Homes

Outside the WCRP (initial thoughts):
• Scientists from the social, economics, communication communities
• Practitioner community associations
• IOC-UNESCO
• ECSs
• WMO’s WWRP-SERA & HiWEATHER
• Climate Service community
• Stakeholders
  • Operational Community, e.g. Climate Services providers
  • End-users (e.g. VIA entities, Risk management communities)
• TTRA (CORA) preliminary consultations with service partners
• Preliminary interaction with Future Earth (PRECP/WCRP collaboration)
• Geographical and gender diversity already well balanced among members of the TTRA+CORDEX+WGRC+ECS

Stakeholders are those who might use the research outputs
• Who are the priority research allies, partners and stakeholders?
• Have you had any discussions with these partners and stakeholders?
• How can we ensure geographical and gender diversity?
3. Structure

- The structure is being discussed.
- Governance has not been discussed yet.

BB1: *Regional Climate Science*, with a major focus on regional coordination for climate change (including dynamical and statistical modelling) (CORDEX)
BB2: *Global Information for Regions* with a major focus on the harmonisation of multiple sources
BB3: *Prediction*, with a focus on seasonal to decadal timescales
BB4: *Dialogue with Society*

**3. Structure**

- What would be the key structural elements and associated governance? (e.g. Scientific Steering Group, Working Groups etc)?
4. Resources

- An international Office will be essential to assist the leadership, coordinate initiatives and activities, and serve as channels of communication within the Home and across other WCRP elements.

- The existing Coordination Office for WCRP Regional Activities (CORA) jointly hosted by GERICS and the Bjerknes Centre for Climate Research, could serve in this capacity.

- CORDEX will keep its IPO given the multiple ongoing activities and capacity building work.

- Expected support that allows leveraging the proposed activities.
The timeline has not been discussed yet!

Next steps:

- The **design of the RifS** (science plan, structure governance and implementation plan) will continue in 2021.

- Several **meetings, workshops** etc among this community will be organised for this purpose and to **agree on regional pilot studies**.

- **White paper** to present at the JSC-42 (end of June 2021) with some reflections of the group which will help in defining the roadmap.