

Open Science Conference 2023

- update on the preparation -

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Outline

1. Location, venue and timing
2. Science Organizing Committee (SOC)
3. Conference Themes
4. Conference Program “elements”
5. Communication products (collateral)
6. Fund-raising
7. Timeline
8. Building interest and engagement
9. Anticipated Output

<https://www.wcrp-climate.org/wcrp-osc23>



**WORLD CLIMATE
RESEARCH PROGRAMME
OPEN SCIENCE
CONFERENCE**

23 - 27 OCT 2023 | RWANDA

1. WCRP OSC - Location, Timing and Venue

Meet with us in remarkable Rwanda in 2023.
We look forward to welcoming you, virtually or in-person, at the
Kigali Convention Centre.

- Kigali, Rwanda
- October 23 – 27, 2023





Kigali Convention Centre by daylight

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- **Local Host: Rwanda Environment Management Agency**
 - **Partners:** Rwanda Meteorological Agency, African Institute for Math. Sciences, U. Rwanda and others
 - Unanimously selected (by WCRP OSC Exec Panel) as the strongest proposal from the Global South – after a site visit in February 2022
 - Rwanda government are providing In Kind support towards local logistics
 - Strong logistical support from the Rwanda Convention Bureau

Process for Selecting a Host City / Nation

1. Following a public call, 7 Expressions of Interest were received in July 2021.
2. OSC Executive Panel selected 4 promising proposals from the Southern Hemisphere – invited to proceed to full proposal.
3. Final selection made in February 2022 after consideration of: a) Proposals, b) Interviews by videoconference, and c) Site visit to Kigali, Rwanda.



2. WCRP OSC Science Organizing Committee (SOC)

SOC established and held three planning meetings

Formed several sub-groups to advance key tasks, reporting to SOC

- Overall program, including plenaries, parallel sessions and poster sessions
- Elements of hybrid program
- Early and mid-career researcher (ECMR) engagement
- How the OSC will address the North-South dialogue
- Fund raising
- Communications, branding and marketing
- Interaction with providers of climate-related services
- Engagement with politicians and policy makers
- Enabling local and regional engagement
- Side Events



2. WCRP OSC SOC Executive (EXESOC)

- Maria Ivanova (USA)
- Roxy Koll (India)
- Roberto Sanchez-Rodriguez (Mexico)
- Bruce Hewitson (South Africa)
- Regina Rodrigues (Brazil)
- Mouhamadou Bamba Sylla (Rwanda)
- Detlef Stammer (Germany)
- Helen Cleugh (Australia)
- Pablo Borges de Amorim (Brazil)
- Orli Lachmy (Israel)
- Pascale Braconnot (France)
- Leandro Diaz (Argentina)

Diversity in expertise, geography, career and gender is important, viz:

- Almost half are EMCRs: 3 Early Career Scientists and 2 Mid Career Scientists
- Half are from the Southern Hemisphere
- Over half from Global South nations



3. WCRP OSC Conference Themes

Advancing climate science for a sustainable future

Major Themes across Conference Week

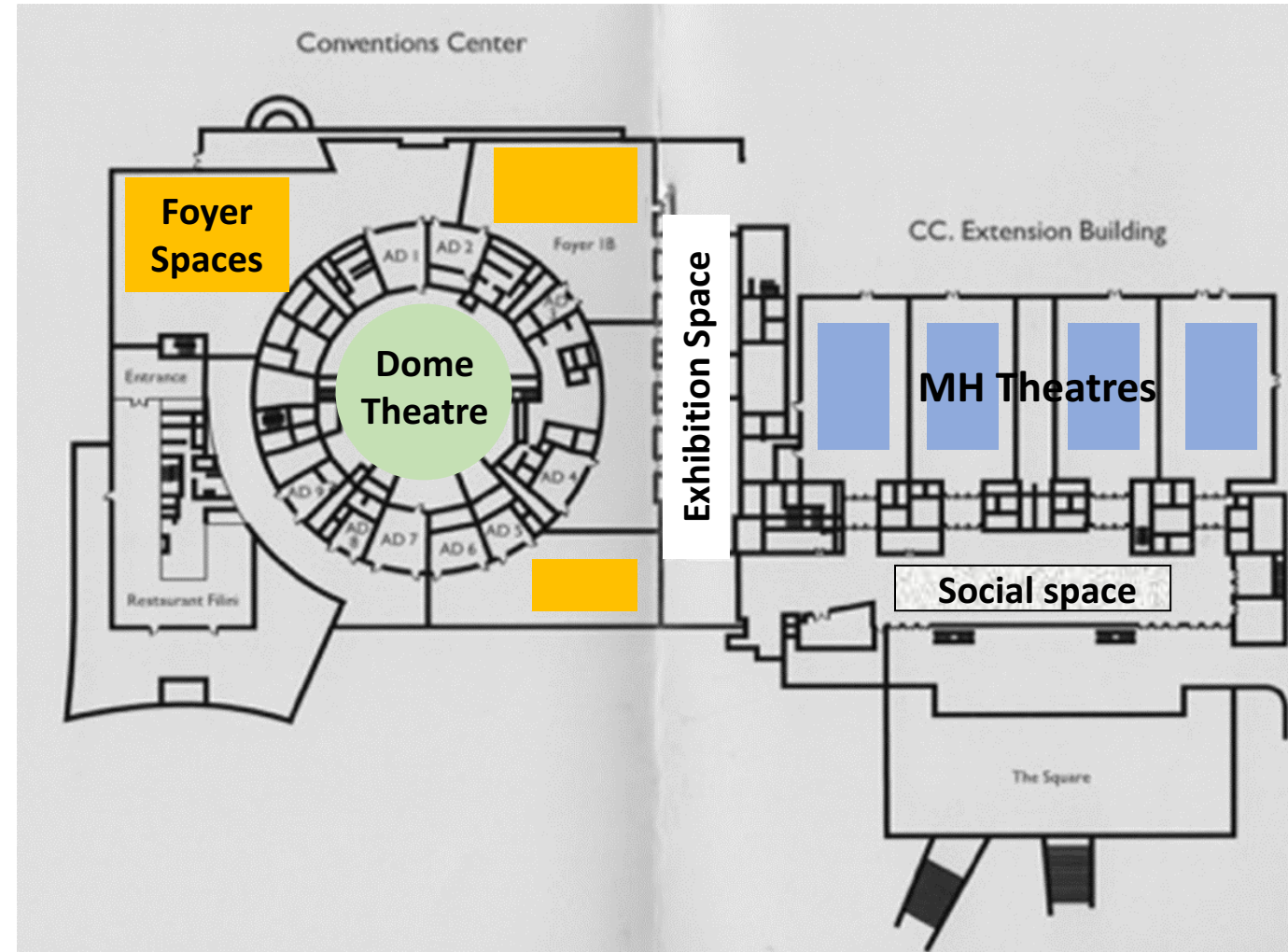
1. Latest climate research achievements and advances
 - New challenges and opportunities; Climate processes, observations and modelling
2. Changing climate extremes and associated risks
 - Including rapid changes
3. Water, food and human health in a changing climate
4. Climate science to inform sustainable adaptation planning
 - Including near-term, regional information to address wellbeing, livelihoods, and ecosystem preservation
5. Climate science to inform mitigation actions and sustainable development
 - Including socioeconomic scenarios and long-term climate projections



4. WCRP OSC Conference Program “elements”

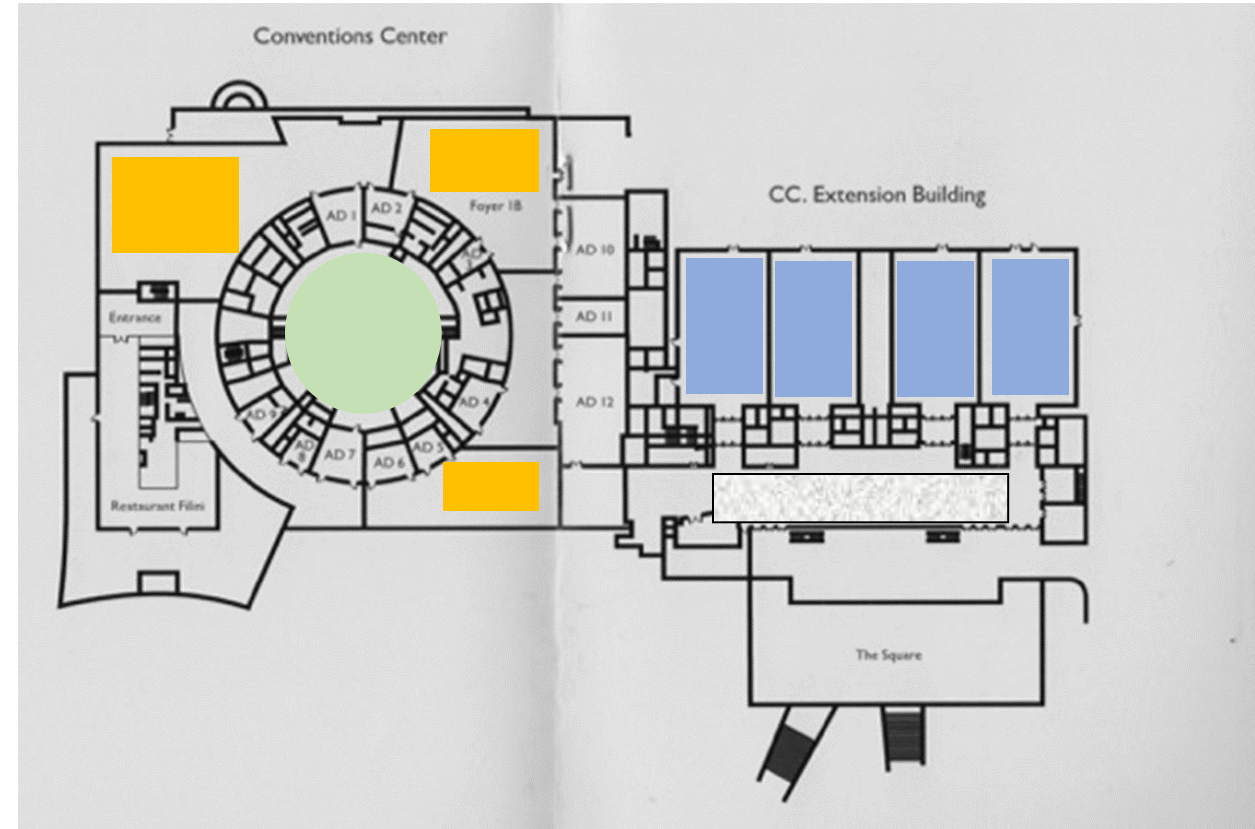
Venue:

- **Dome Theatre** (2600 people): Plenary Keynotes to start and end each day. (Also an option for public talks in evening).
- **Four medium-sized Theatres** (450 people) can accommodate up to 4 Parallel Sessions for a total of 5 Parallel Sessions (with Dome).
- **Foyer:** space for Poster sessions.
- **Exhibition space**
- **Areas for social gatherings** etc.
- **Virtual attendance:** Livestreaming from Theatres; Pre-recorded talks and Virtual posters.



A typical day at Kigali Convention Center

Time	Session	Comment
9:00 – 10:30	Dome Plenary Conference Opening	
10:30 – 11:00	Coffee	
11:00 – 12:30	5 Parallel Sessions	20 min. Keynote talks and discussions
12:30 – 14:00	Lunch	
14:00 – 16:00	5 Parallel Sessions	20 min. Keynote talks and discussions
16:00 – 18:00	Posters & coffee in Foyer Posters organized according to themes of the daily sessions, allowing for Poster clusters	Time for discussions in foyer.
18:00 – 18:30	Dome Plenary	
20:00 – 22:00	Workshops/Townhalls	Time for mini workshops, e.g. from Core Projects or Lighthouse Activities



Poster
space



5. WCRP OSC Communication Products

- Regular **updates** on web, via email and social media
 - First Circular in March 2021; Update on June 22, 2022
 - Second Conference announcement planned for August, 2022
 - OSC 2023 page on WCRP Website, pending launch of OSC2023 Website
<https://www.wcrp-climate.org/wcrp-osc23>
- **Logo** designed by a Rwanda company, and approved by SOC
- Short (1-2 min) **video** in preparation with a South African company
- **Flyer** with sponsorship information - redesign in progress (2-3 pp)
- **OSC Website** being designed (to be housed on WCRP server for legacy)

Other elements of Conference Plan:

- Build narratives and stories in the lead-up to, and during, the Conference
- Organize public events during the Conference
- Recruit local journalists and U. Rwanda students to write daily summaries during Conference



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6. WCRP OSC Funds raised to date (\$USD unless otherwise indicated)

- NOAA: \$233,325
- African Institute for Math. Sciences (AIMS): \$50,000
- Institut Pierre Simon Laplace: €20,000
- ESA: €10,000
- Eumetsat: €5,000
- SCOR: \$ 5,000 (proposal submitted)
- NASA: TBD
- Amazon Web Services: TBD
- APN: Proposals to be submitted

Plus WCRP Trust Fund while funds are being raised



7. Timeline - 2022

- **5 July:** WCRP OSC SOC-4: Agree on Conference Program outline
- **15 August:** WCRP OSC SOC-5: Agree Session topics and begin search for Session Convenors and Keynote speakers
- **30 August:** WCRP OSC website live, 2nd Conference announcement
- **September:** Open call for Poster clusters, Workshops, Townhalls etc.
- **30 October:** 3rd Conference announcement, Full program launched; Early Career Scientist events planned
- **1 December:** Open call for Abstract submissions and Registration



7. Timeline - 2023

- **28 February:** Abstract submission closes
- **March 1 – 15 April:** Abstract review
- **15 – 30 April:** Financial support notifications, select oral presentations
- **1 August:** Final program available for all speakers
- **1 September:** Begin electronic poster uploads
- **23 – 27 October:** Open Science Conference

- Input into COP 28, **November 2023**

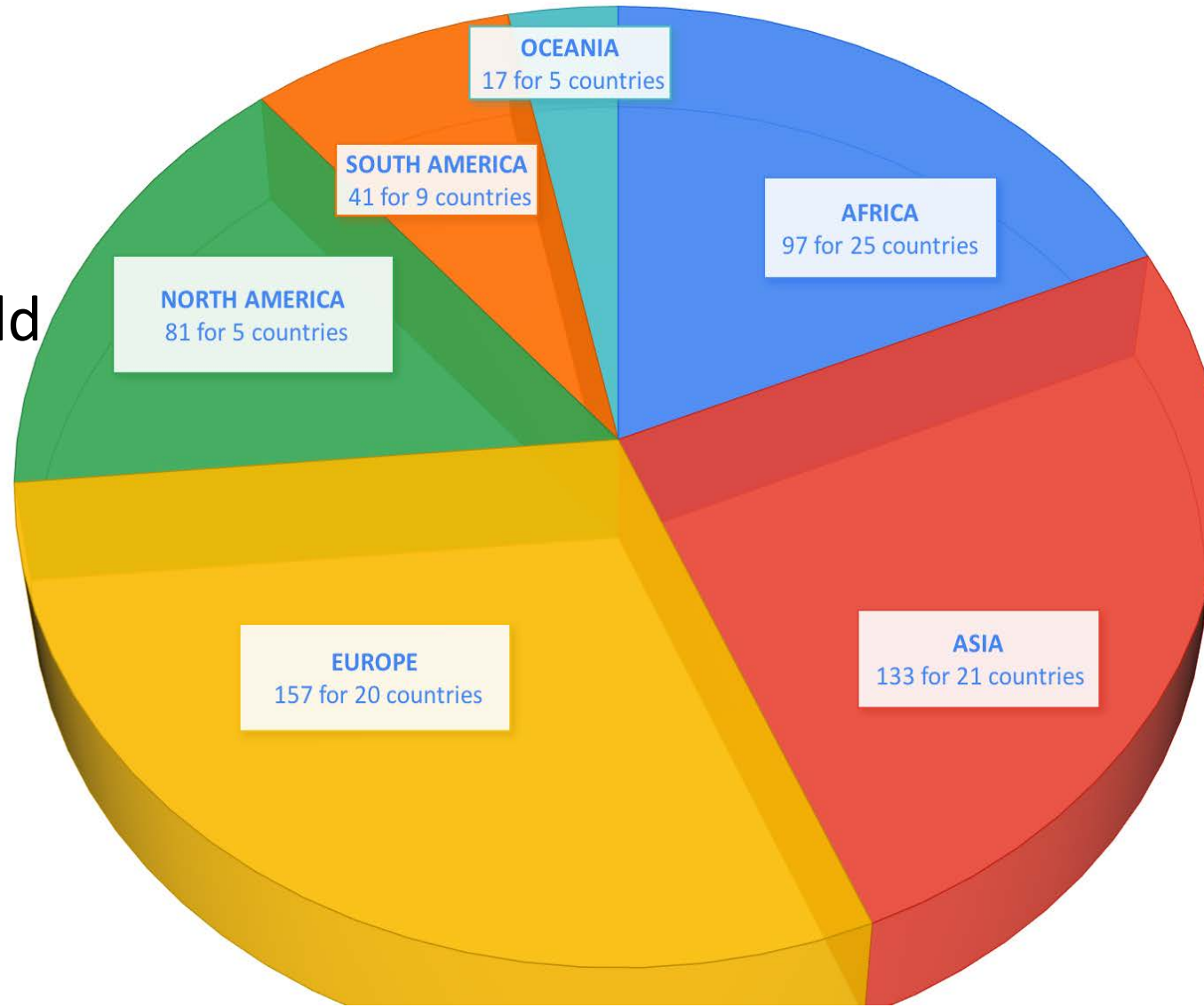


8. Building Interest and Engagement

ATEST UPDATE ON SHOW OF INTEREST FOR WCRP OSC 2023
DISTRIBUTION BY CONTINENT

Number of people: 526
Number of countries : 85

Around the world





**African nations who
already have shown
interest in OSC**

8. Building Interest and Engagement

- Preparation of regional events around the globe prior to the OSC are underway - intended to develop science activities, e.g., regional contributions to a WCRP precipitation/water effort to be launched at the time of the conference.
- Examples:
 - African Alliance
 - South American Alliance



9. Anticipated Output

- Potential position papers (TBD):
 - Changing water cycle and impacts
 - Global energy imbalance
 - Climate Extremes and climate risks
 - Earth in low mitigation/high CO2 and in high mitigation/low CO2 words
 - Climate science in support of the global stock take
 - Climate information for a resilient society
 - Climate intervention
 - Tipping Points: Past, Present, and Future
 - Highlights from Grand Challenges
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- Conference statement as input into COP28

