## 29th GCOS Steering Committee

7-8 December 2022



## International Science Council

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# INTERNATIONAL SCIENCE COUNCIL

The International Science Council (ISC) is a global membership-based organization that was founded in July 2018 as the result of a merger of the International Council for Science (est. in 1931) and the International Social Science Council (est. in 1952).







International Science Council

The global voice for science













**OUR MISSION** 

The vision of the council is to advance science as a *global* public good

The mission of the Council is to be the *global voice for science* 

### **OUR MEMBERS**





142

National and Regional Scientific Organizations, including Academies and Research Councils 40

Unions and Associations, across the natural and social sciences

**42** 

International Affiliates,
including organizations like
The World Academy of
Sciences, the International
Institute for Applied Systems
Analysis, the Global Young
Academy

We maintain active
partnerships with:
Other international scientific
bodies, including the
InterAcademy Partnership,
the World Federation of
Engineering Organizations and
the Global Research Council









# ISC SPONSORED AND AFFILIATED INTERNATIONAL SCIENTIFIC BODIES



The International
Network for Government
Science Advice (INGSA)





#### **Global Observing Systems**

- Global Climate Observing System (GCOS)
- Global Ocean ObservingSystem (GOOS)



#### **International Scientific Committees**

- Antarctic Research (SCAR)
- Frequencies for Radio Astronomy and Space Science (IUCAF)
- Oceanic Research (SCOR)
- Space Research (COSPAR)
- Solar Terrestrial Physics (SCOSTEP)



#### **International Data Bodies**

- Committee on Data for Science and Technology (CODATA)
- World Data System (WDS)



- Future Earth
- Climate Research Programme (WCRP)
- Integrated Research on Disaster Risk
   Programme (IRDR)
- Urban Health and Wellbeing
   Programme (UHWB)
- Comparative Research on Inequality (GRIP)





### THE ISC LEADS ON INTERFACING AT THE UN

The ISC is a Lead Coordinator of the UN Major Group for Science and Technology. In this role the Council works with the World Federation of Engineering Organizations (WFEO) to secure a mandate for science at the UN.

#### **UNDESA**

The ISC represents the international scientific community in the annual High Level Political Forum on the Sustainable Development Goals

#### **UNDP**

Phase one of Rethinking Human
Development has been completed, a major
achievement in including the natural
environment in future human development
reports. Phase two is underway

#### **WMO**

WMO is one of our partners in the World Climate Research Programme

#### UNESCO

The ISC a key partner for UNESCO on Open Science, and The Ocean Decade through the Intergovernmental Oceanographic Commission

#### **UNEP**

We collaborate with UNEP in the context of co-sponsoring the international sustainability research programme, Future Earth

#### **UNDRR**

The Council, working with its members has produced a comprehensive Hazard Definition & Classification Review:
Technical Review





## **ENGAGING IN GLOBAL POLICY PROCESSES**

Representing science in major global policy processes, focusing on the post-2015 development agenda, including the:

- 2030 Agenda for Sustainable Development
- Sendai Framework for Disaster Risk Reduction (UNDRR)
- Intergovernmental Oceanographic Commission of **UNESCO**
- Paris Agreement on Climate Change (UNFCCC)
- New Urban Agenda (UN-Habitat)
- Convention on Biodiversity





## What benefits do you get from GCOS?

- Please explain the value of the GCOS activities from your perspective, highlighting room for improvements:
  - Access to accurate climate observations for the ISC membership, the global scientific community and all countries in supporting their efforts in achieving the Paris Climate Agreement
  - International scientific collaboration between GCOS and other ISC co-sponsored initiatives
  - Exploring the possibility of exoanding the ECVs to include social variables
  - More regular discussions between the GCOS and the ISC leadership to explore areas for strategic collaboration











## How do you contribute to GCOS?

- Please indicate in what way you can support the GCOS Secretariat and related activities, also in the light of the new GCOS-IP:
  - Helping to identify and appoint the GCOS Scientific Committee
  - Nominating experts in various GCOS committees
  - Exploring opportunities for engaging the GCOS scientific community in the production of knowledge products and advice for informing the international policy processes (e.g. UN STI Fora, HLPF, UN Water Conference, SDG Summit)
  - Facilitating the participation of the GCOS scientific community in multilateral processes, holding joint scientific events (e.g. UNFCCC COPs, UNDRR)
  - Fostering collaboration between GCOS and other ISC co-sponsored initiatives
  - Providing opportunities for GCOS to engage with the ISC membership (meeting in May 2023, GA)











# Thank you











