





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

# ISC SPONSORED AND AFFILIATED INTERNATIONAL SCIENTIFIC BODIES



The International
Network for Governmental
Science Advice (INGSA)





### **Global Observing Systems**

- Global Climate ObservingSystem (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)



### **International Research Programmes**

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





# **ENGAGING IN GLOBAL POLICY PROCESSES**

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

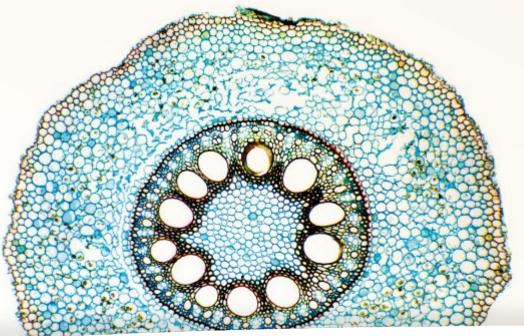
- 2030 Agenda for Sustainable Development
- Sendai Framework for Disaster Risk Reduction (UNDRR)
- Intergovernmental Oceanographic Commission of **UNESCO**
- Paris Agreement on Climate Change (UNFCCC)
- New Urban Agenda (UN-Habitat)
- Convention on Biodiversity





# SCIENCE AND SOCIETY IN TRANSITION

ISC ACTION PLAN: 2022-2024



## THE ISC ACTION PLAN

The ISC works with its members, partners and sponsored initiatives on a set of targeted, priority projects, which are set out in regular multi-year Action Plans.

Our 2022-2024 Action Plan sets out an agenda for transformative action across five domains of impact:

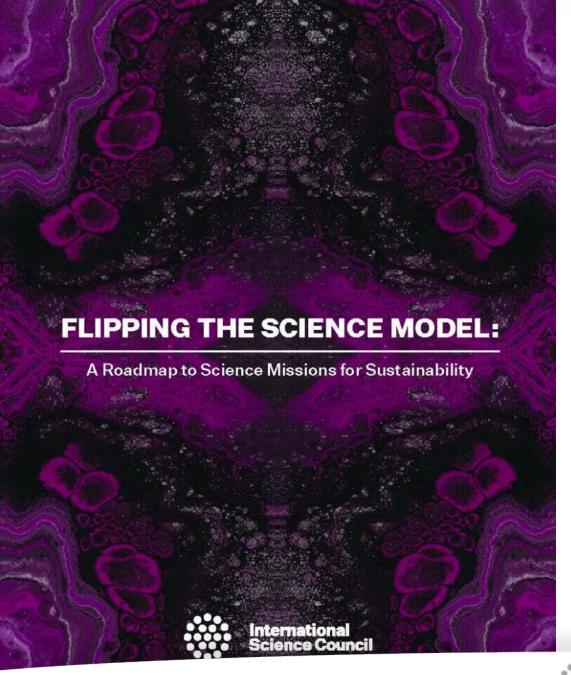
- Global Sustainability
- Converging Science and Technology in a Digital Era
- Science in Policy and Public Discourse
- Changing Practices in Science and Science Systems
- Freedom and Responsibility in Science

The next slides reflect some of the issues we're actively working on – and thinking about – under each domain.

https://council.science/actionplan/







### FLIPPING THE SCIENCE MODEL

### Flipping the Science Model: A Roadmap to Science Missions for Sustainability

This report describes and advocates for mission science for sustainability as an urgently needed new form of science for the SDGs. It also serves as a call, inviting all stakeholders, both familiar and unconventional, to unite with the science community in this endeavour of collectively catalyzing science's power to drive transformative action towards a more sustainable world for all.

Published by the ISC's Global Commission on Science Missions for Sustainability, The report summarizes the conclusions reached after extensive consultation with experts, detailed in the accompanying TAG report "A model for implementing mission science for sustainability."

https://council.science/publications/flipping-the-science-model





# ISC latest updates relevant to SCOR

- SCAR/ IASC Planning the International Polar Year 2032-2033, ISC is a co-sponsor.
  - Engagement of the SCOR community would be useful
- ISC Virtual Knowledge Sharing Dialogue on climate change with the ISC members and the Affiliated Bodies during the COP 28:
  - An opportunity to showcase the SCOR work to the ISC membership, if you are interested in taking part in this event, please contact with the Secretariat (<u>katsia.paulavets@council.science</u>)
  - ISC will also promote the work of the Affiliated bodies on climate change during the COP, if there are relevant products/events that SCOR is organizing/launching during COP, please let the Secretariat know

# ISC latest updates relevant to SCOR

- A high-level meeting between the leadership of the ISC, Affiliated bodies, and cosponsors in March 2024 (dates tbc)
  - to explore the evolution of the global scientific landscape,
  - to strengthen synergies in order to increase the impact of science and collective action at the global level in the face of current challenges for science and society
- ISC and the policy processes:
  - ISC nominates experts for the Plastic treaty, the UN Ocean Science Decade.
  - Contribution to review the draft of the ocean plastic treaty
  - ISC will be involved in the 2025 UN Ocean (SDG14) Conference, SCOR community can contribute to the scoping work

