

**International
Science Council**

ISC and WCRP

April 2026

council.science



**International
Science Council**

X ISC



ISC VISION

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



ISC MISSION

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



Our Members



140

National and regional scientific organizations, including Academies and Research Councils



40

International scientific unions and associations, across the natural and social sciences



70

National, regional or global affiliates, including young scientist organizations, scientific federations and societies

Affiliated Bodies

Research Programmes



Data Bodies



Observing Systems



Networks



Scientific Committees



IUCAF



ISC Strategic Priorities 2025 – 2028

1. Freedom, Responsibility & Inclusivity in Science

2. International science agenda setting

3. The evolution of science

4. Science for evidence-based policymaking

5. Science diplomacy

Where we can contribute

Consideration in the development of WCRP's future science directions (from white paper):

- The current and future geopolitical landscape. **Science Diplomacy**
- WCRP's resource landscape, including flexibility **New development and fundraising function at ISC**
- The balance between fundamental, innovative and applied science. **ISC's vast, diverse expert network**
- Training and development priorities and needs. **Training opportunities (including joint workshops, EMCR support)**
- Delivery of actionable information that is usable and used through co-design, co-production, collaboration and partnerships. **Transdisciplinary expertise and projects, science-policy work**

Where we can contribute

Contd.

- Alignment with, rather than duplication of, research, products and services. **Including with other ISC Affiliated Bodies, e.g. Digital Infrastructure & Standards (CODATA), data resilience (WDS).**
- Identification of areas that are working well and remain a high priority. Identification of areas of lower impact, need and priority.
- Identification of new opportunities, and those that would be attractive to co-funding partnerships or fundraising.
- Identification of any structural changes that may facilitate and more efficient internal and external collaboration and impact.

Other areas of synergies

- Integration of **social science perspectives** along with natural and applied science
- **ISC facilitating exchange, capacity sharing and potentially joint action** in some areas between our affiliated bodies. ISC can also help build partnerships with other initiatives, such as the Global Carbon Project.
- WCRP as a **case study for international collaboration**; International Polar Year (IPY-5 vision and priorities)
- Exploration of **AI/ML as a potential driver of efficiency** is a good workstream for the WCRP to pursue. The ISC can also absorb any learnings from this ML/AI task team into broader recommendations for the responsible use of AI in science.
- **Potential to work together with the Australian COP co-Presidency** and the ISC's RFP in the Asia Pacific.

Other areas of synergies



Types of AI in science



Considerations on the environmental impact of AI in science

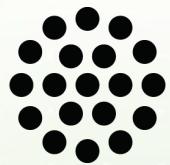


Data for AI in science

<https://council.science/news/ai-primers/>

Areas not currently (well) covered

- Climate communication
- Research and monitoring of the global commons – only remote sensed?



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Thank you!

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