

International Science Council

The global voice for science

January 2025 | Muscat, Oman

council.science/Muscat



International
Science Council

حوار المعرفة العالمي مسقط
Muscat Global Knowledge Dialogue

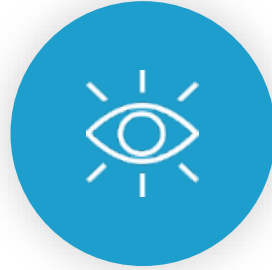


وزارة التعليم العالي
والبحوث العلمي والابتكار
Ministry of Higher Education
Research & Innovation



#MuscatISC





OUR VISION

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



OUR MISSION

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



The unique ISC role

- ✓ Non-governmental organization with an **international mandate**
- ✓ **Pluralistic membership** of over 250 national and international scientific bodies
- ✓ **An impartial platform** independent of geostrategic and other conflicting interests
- ✓ **Long history of impact** in science, further building on the reputation and legacy of its predecessors, ICSU (founded in 1931) and the ISSC (founded in 1952)
- ✓ **Partnerships** across the science ecosystem and the multilateral systems
- ✓ Member of the **Secretary-General's Scientific Advisory Board's** (SAB's) official network
- ✓ Co-organizer of the **UN Scientific and Technological Community Major Group** and a partner to many UN bodies
- ✓ ... and more

Our Members



140

National and regional scientific organizations, including Academies and Research Councils



40

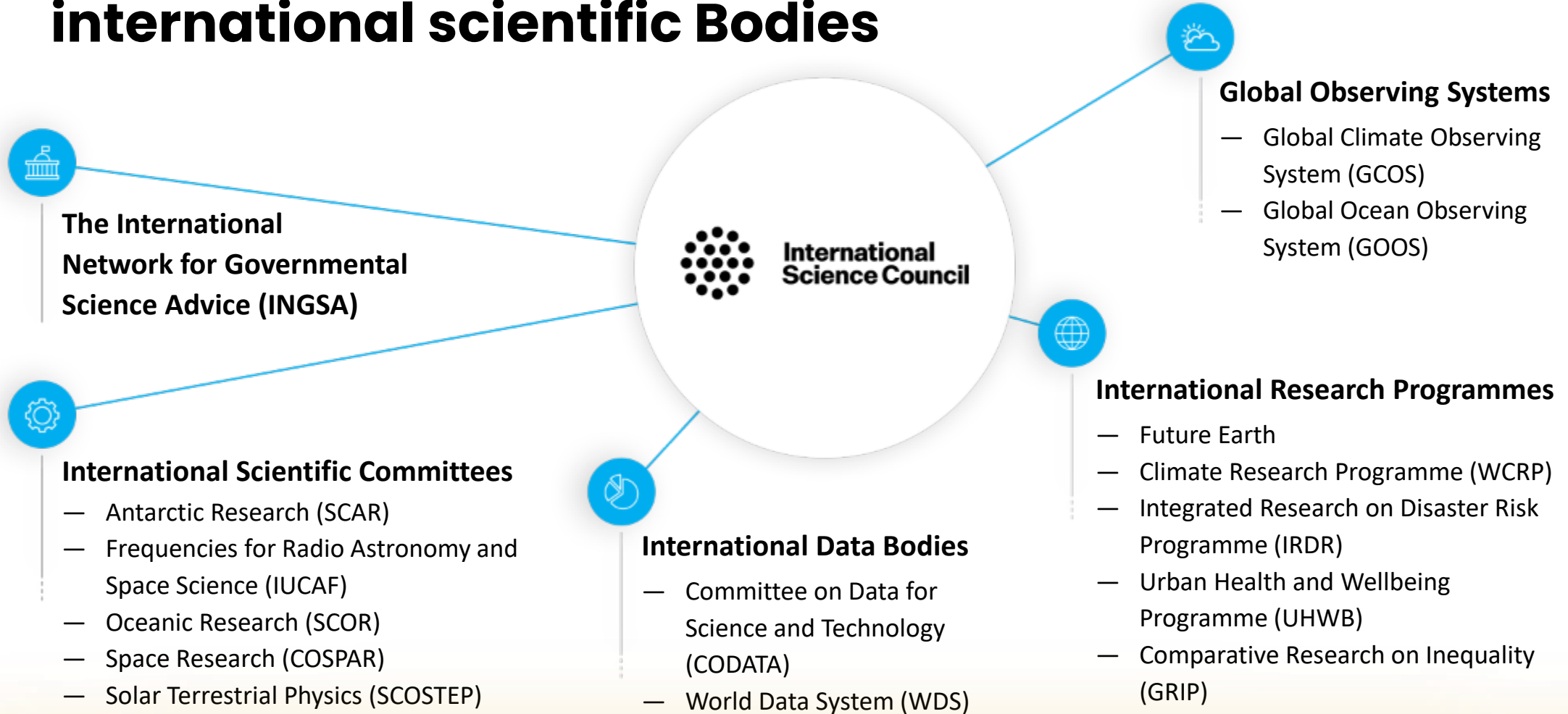
International scientific unions and associations, across the natural and social sciences



70

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

ISC-sponsored and Affiliated international scientific Bodies



Our regional presence

The ISC has Members and partners across the world and is active in **all regions**. The **ISC Regional Focal Points** convene the scientific community and act as a hub for ISC Members and activities.



Asia and the Pacific

ISC Regional Focal Point is hosted by the **Australian Academy of Science**



Latin America and the Caribbean

ISC Regional Focal Point is hosted by the **Colombian Academy of Exact, Physical and Natural Sciences**



Africa

Completion of scoping exercise on an ISC's presence in Africa



Middle East and North Africa

A strong commitment to establishing an ISC presence in the region, with plans to become operational soon



Asia and the Pacific

The ISC Regional Focal Point for Asia and the Pacific is hosted by the **Australian Academy of Science**.

Recent highlights

- Supported the establishment and launch of the **Pacific Academy of Sciences** and election of 12 Foundation Fellows.
- Contributed to the **Small Island Developing States** conference.
- Started working with an Asia consortium to develop and **Asia Science Mission** for sustainable development.
- Developed an **Asia Science Mission** for sustainable development.
- Collaborated with INGSA-Asia to award six grassroots **science advice workshops**.
- Initiated **science communication training** for scientists and media.



Samoa, 2023



Asia and the Pacific

The ISC Regional Focal Point for Asia and the Pacific is hosted by the **Australian Academy of Science**.

Opportunities for engagement

- **Asia Science Mission** collaboration with scientific and technical communities to collaborate on pilot projects.
- **Call for mentees:** Asia-Pacific Academic Mentoring Program.
- Global discourse **calls for expert advice** from the region.
- INGSA-Asia regional **science advice workshops**.
- Development of **Pacific Academy of Sciences**.
- **Science communication** capacity-building.



Samoa, 2023

Latin America and the Caribbean

The ISC Regional Focal Point for Latin America and the Caribbean is hosted by the **Colombian Academy of Exact, Physical and Natural Sciences**. It supports and promotes the integration of regional communities in major scientific processes by:

- Promoting the creation of new **young academies**.
- Contributing to the ECLAC Conference on Science, Innovation and ICT.
- Bringing **regional perspectives** to all major ISC outputs.
- Supporting the **Small Island Developing States Liaison Committee**.
- Participating in **important political fora** (e.g. COP16, CILAC Forum).
- Engaging with **regional working groups** (e.g. RSTAG Group of the UNDRR Americas Office, INGSA – LA, UNEP in LAC, OWSD, among others).



Global Knowledge Dialogue in Chile, 2024

Latin America and the Caribbean

Opportunities for engagement

- LAC **Operational Committees**
- Pilot in **Science Advice** in the LAC region
- **TYAN Educational and Research Program** for Sustainable Development in LDCs and S&TLCs
- Leadership capacity building **program for EMCR**
- **INGSA LAC workshops** for National Academies

Contact

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Global Knowledge Dialogue in Chile, 2024

Strategic Priorities 2025–2028

- Freedom, responsibility, and inclusivity in science
- International science agenda-setting
- The evolution of science systems
- Evidence-based policy-making
- Science diplomacy

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Freedom and responsibility in science

The commitment to defend and promote the free and responsible practice of science cuts across all our work and is enshrined in the ISC Statutes:

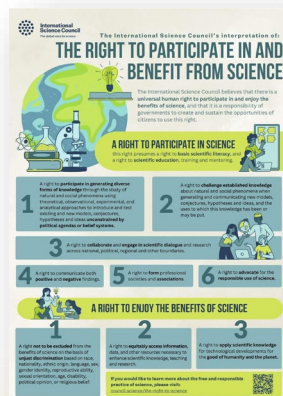
- i. Freedom to **access science education**, training and mentoring
- ii. Freedom to **participate in knowledge production**
- iii. Freedom to **promote and communicate science** for the good of humanity, other life forms, ecosystems, the planet, and beyond
- iv. Responsibility to promote science in ways that are **equitable and inclusive** of human diversity
- v. Responsibility to ensure that research designs meet the **standards of scientific validity** and satisfy established **ethical norm**
- vi. Responsibility to share **accurate scientific information** generated through theoretical, observational, experimental, and analytical approaches
- vii. Responsibility to contribute to the effective and **ethical governance** of science



The Right to Participate in and Benefit from Science

The ISC's interpretation of the right provides a clear framework for understanding it, emphasizing its application in research, policy, and global access to scientific knowledge.

It clarifies the obligations, opportunities, and responsibilities in ensuring universal access to science, fostering global dialogue to shape a more inclusive and sustainable future.



- **Poster:** Download and print our it to raise awareness of the right
- **Questionnaire:** Share your thoughts and feedback

→ council.science/right-to-science



Science Missions for Sustainability

Traditional research models are failing to address the complex and interconnected sustainability challenges of our time.

We propose a new collaborative approach – **the Flipping the Science Model** – which focuses on societal needs and aims to bridge the gap between research and real-world impact.

From over 250 global submissions, we rigorously selected **12 multi-stakeholder consortia**, each ready to pilot this transformative model.

Get involved

- **We invite partners and funders to support us in piloting these science missions designed to deliver actionable solutions where they are needed most.**
- **Join our meeting “Enabling Transformative Science for Sustainable Development: A call to science funders” on 5–6 March in Paris, France.**

→ council.science/ScienceMissions

Connecting science, policy and society

Guided by its 2021 strategy, the ISC has established itself as a **trusted partner** at the science–policy interface:

- **ISC New York Liaison Office** engages with permanent missions to the United Nations and UN organizations.
- **UN’s Scientific Advisory Board:** ISC is an active Member of the SAB’s network.
- **Group of Friends on Science for Action:** ISC provides the secretariat (jointly with UNESCO).
- **UN Scientific and Technological Community Major Group:** As the official co-organizer, the ISC represents the scientific and technological community in major global policy processes.



Connecting science, policy and society

Through its extensive scientific networks, the ISC routinely collaborates with UN organizations and national governments to strengthen the role of science in global decision-making by:

- **Delivering scientific advice** to Member States in international deliberations and negotiations on a range of thematic areas.
- **Advising the multilateral system** on creating or strengthening scientific advisory mechanisms and governance arrangements to engage with robust and up-to-date scientific knowledge.
- **Identifying emerging issues** that need to be addressed globally.
- **Advocating for the value of science in decision-making** and its role in supporting global collective action.
- **Representing the global scientific community** and bringing the **latest thinking** to the table in global policy fora.

“

*The International Science Council is an **indispensable bridge** between science and policy, connecting researchers to the work of global decision-makers.*

ANTÓNIO GUTERRES

United Nations Secretary-General



Photo: Secretary-General's Scientific Advisory Board

Shaping the future of science systems

The ISC has established the **Centre for Science Futures** to improve our understanding of emerging trends in science and research systems, and to provide options and tools for appropriate action.

Focus areas

The Centre engages in focused interventions within critical discussions on **science futures, science systems, and science policy** to push these discussion forward and provide options and tools for better informed decisions and targeted action for the future of science systems.

The Centre received a grant from **the International Development Research Centre (IDRC)** to investigate the impact of **AI and emerging technologies** on Science, Technology & Innovation organizations in the **Global South**.

Empowering the next generation of scientists

The ISC actively supports young scientists by fostering inclusion and providing opportunities for growth:

- **Membership:** In 2022, the ISC opened membership to eligible young academies and associations to enable greater participation of young researchers in international science.
- **EMCR Forum:** This virtual platform convenes EMCRs to promote their participation in global scientific initiatives.

→ council.science/EMCR

Global Knowledge Dialogue in Malaysia, 2023

ISC Fellowship

The Fellowship is an honour awarded to those who champion science in society and policy-making.

Since its creation, the ISC welcomed **224** eminent scientists, engineers and thought-leaders from science-policy as its Fellows.

Don't miss the next call for nominations:

The nomination and selection of new Fellows will take place in the **second quarter of 2025.**

→ council.science/Fellows



Awards

Stein Rokkan Prize for Comparative Social Science Research

The annual prize, presented by the ISC, the University of Bergen and the European Consortium for Political Research (ECPR), celebrates the legacy of Stein Rokkan, a true pioneer in comparative social science research, acknowledging a submission deemed a substantial and original contribution in the field.

2025 call for nominations is open until 24 April 2025.

→ council.science/stein-rokkan-prize



UNIVERSITETET
I BERGEN



Vineeta Yadav, 2022 laureate



Awards



Frontiers Planet Prize: Science for a Sustainable Planet

The ISC is proud to partner of the Frontiers Planet Prize in recognizing and rewarding exceptional scientists working in sustainability science.

Launched to recognize and reward exceptional scientists, the Prize awards a total of **CHF 3 million** (~USD \$3.2m) to the world's **most innovative sustainability scientists**.

- **April:** Discover the National Champions from each participating country announced on the **Earth Day**.
- **June:** Follow the Awards Ceremony to meet three International Champions.

→ council.science/Frontiers



Global Knowledge Dialogues

Started in 2022, Global Knowledge Dialogues bring together the scientific community to think collectively and creatively about the **role and contribution of science** to solving some of the most pressing issues of our time.



Africa

South Africa
December 2022



Asia and the Pacific

Malaysia
October 2023



Latin America and the Caribbean

Chile
April 2024

Over 150 ISC Members and nearly 300 delegates participated in the **ISC Mid-term Meeting** in Paris, France, titled 'Capitalizing on Synergies in Science'.



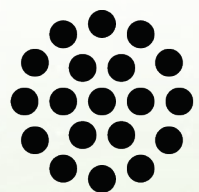
Global

France
May 2023

Acknowledgements

The ISC expresses its gratitude to its **Members**, whose dues form the principal source of the Council's core income, as well as to the **Government of France**, the ISC's host country, for its grant. We also acknowledge with appreciation the substantial funding and in-kind contributions provided by governments, external organizations, and foundations, which enables the implementation of numerous targeted projects and initiatives:

- Australian Government
- China Association of Science and Technology (CAST)
- Colombian Academy of Sciences
- Co-sponsors of ISC Affiliated Bodies
- Frontiers Foundation
- International Development Research Centre (IDRC) of Canada
- IRDR International Centre of Excellence in Taipei
- New Zealand Government
- Sasakawa Peace Foundation
- Swedish International Development Cooperation Agency (Sida)
- United Nations Environment Programme
- University of Bergen
- US National Science Foundation



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Thank you!

Contact us at **secretariat@council.science**