

**International
Science Council**

The global voice for science



IRDR Science Committee
Inception meeting

02 July 2024

Anne-Sophie Stevance





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*

OUR MEMBERS



142

National and Regional Scientific Organizations, including Academies and Research Councils



45

International Scientific Unions and Associations, across the natural and social sciences



70

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

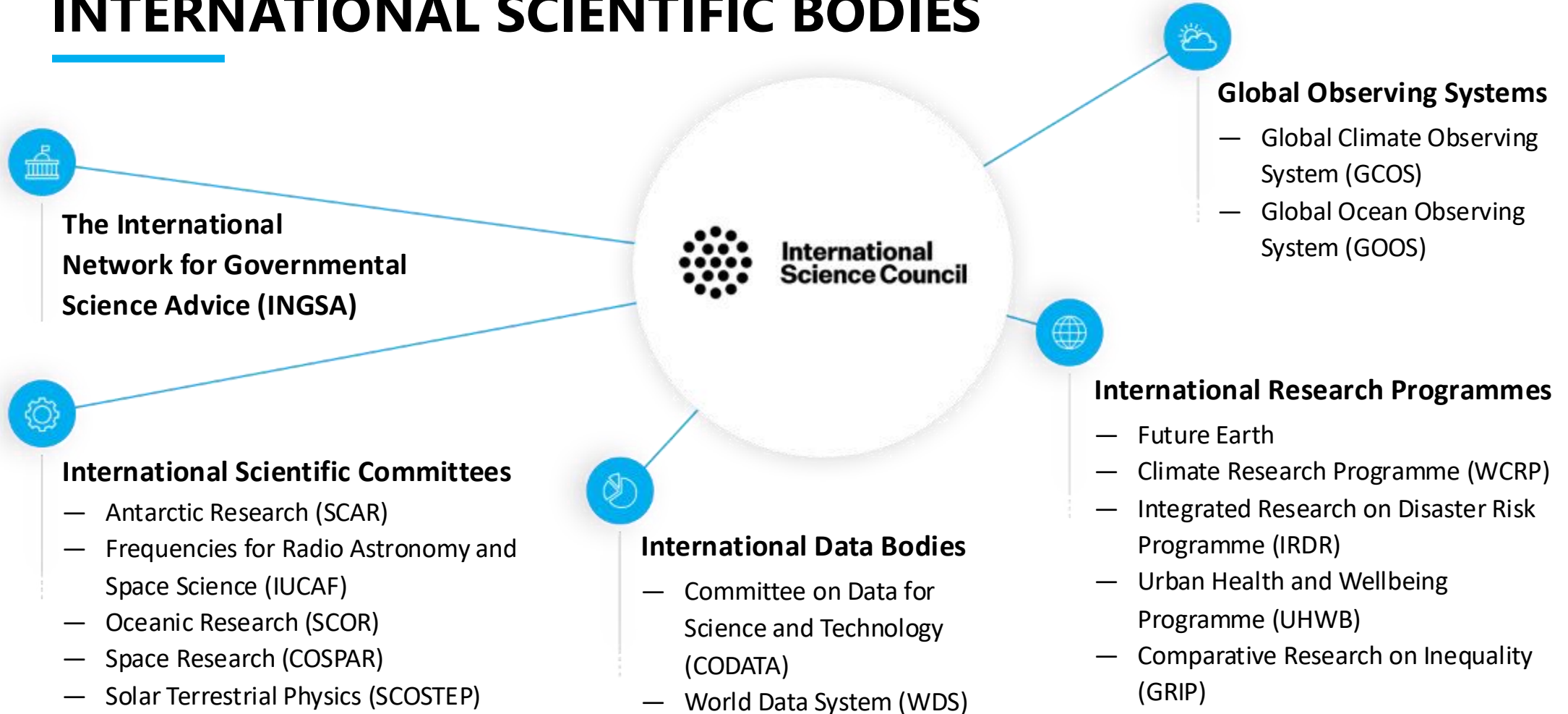
We maintain **active partnerships** with:
Other international scientific bodies, including the InterAcademy Partnership, the World Federation of Engineering Organizations and the Global Research Council

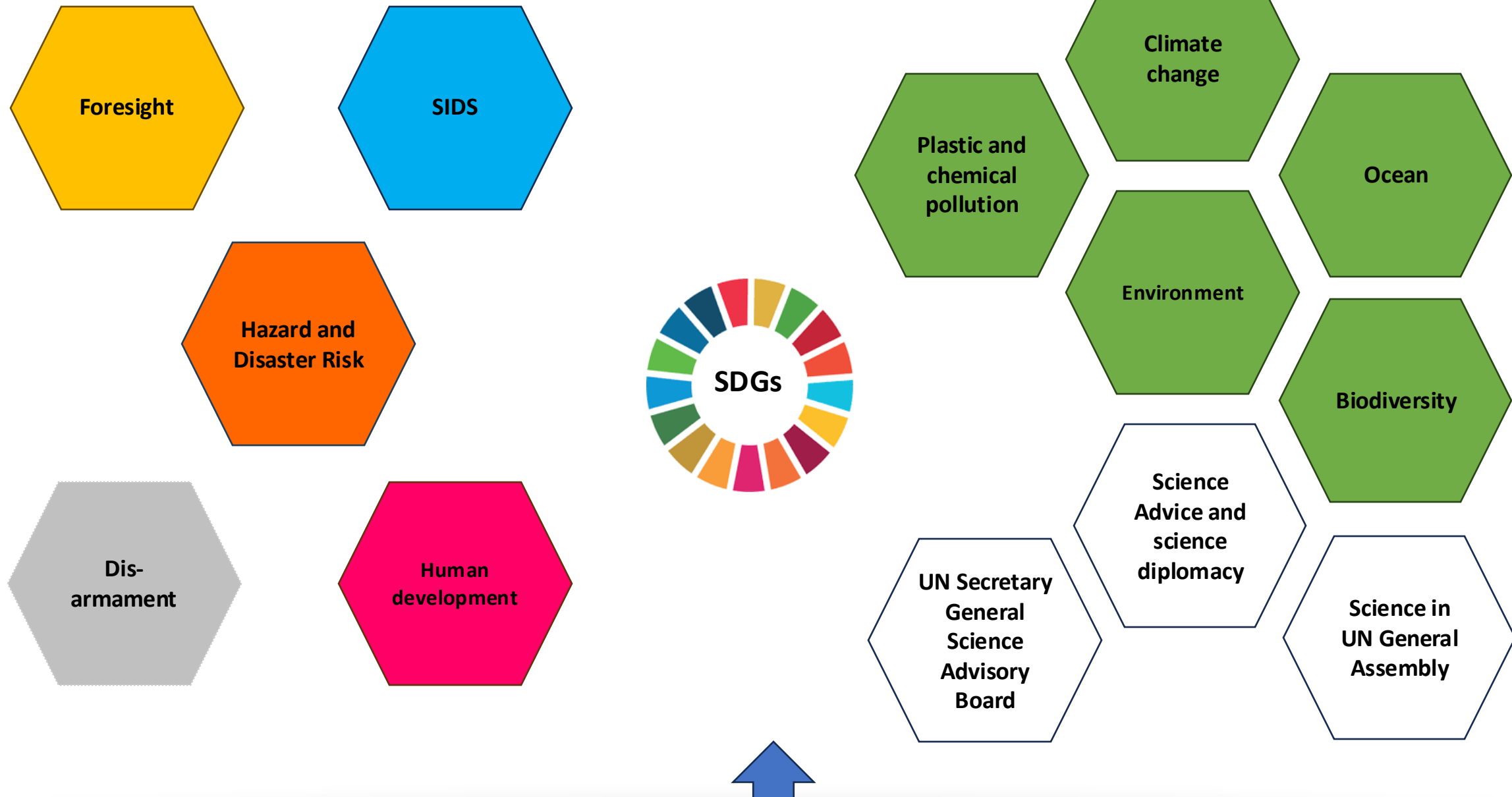
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GLOBAL
RESEARCH
COUNCIL

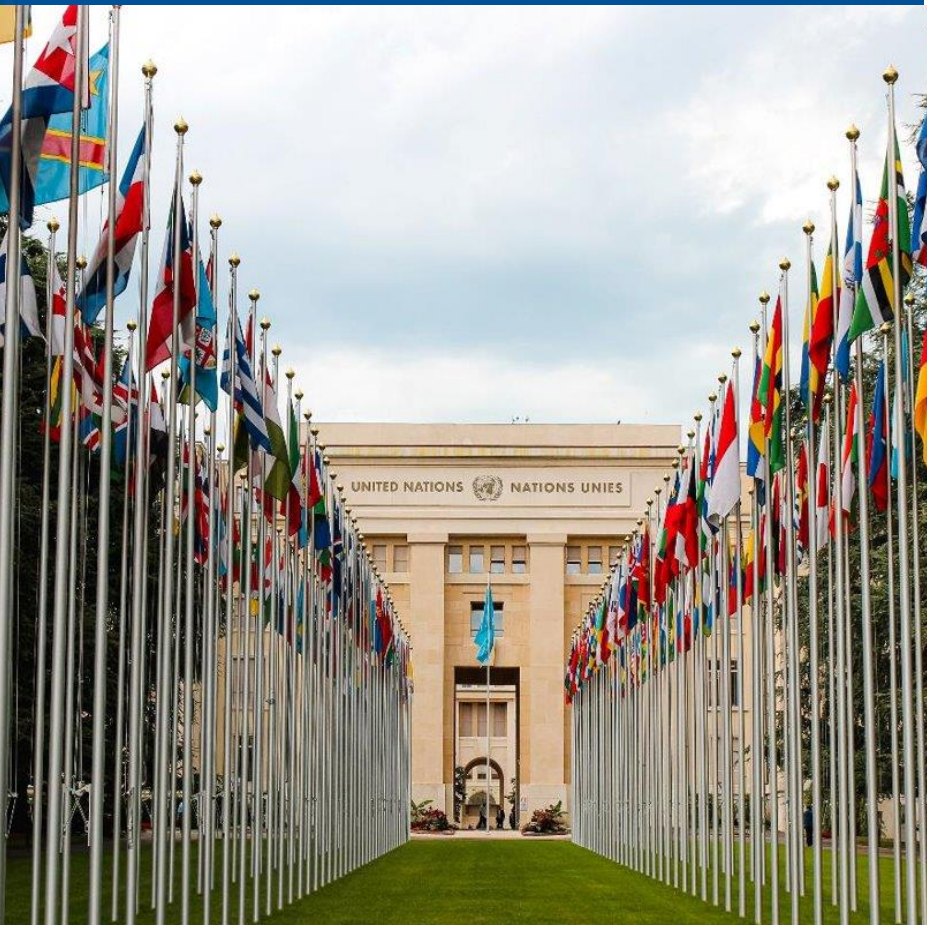
ISC SPONSORED AND AFFILIATED INTERNATIONAL SCIENTIFIC BODIES





Evidence-informed decision-making, robust STI systems – open science, trust in science

Sendai Framework for Disaster Risk Reduction 2015 - 2030



S&T MAJOR GROUP

- Science inputs in the UN General assembly: the Group of Friends on Science for Action
- Support the establishment of SPI mechanisms:
 - Plastic pollution treaty
 - Biological Weapons Convention
- Support existing global conventions (UNFCCC, CBD)
- Support existing global assessments (eg IPCC, IPBES, GEO)

Report for the Mid-Term Review of the

SENDAI FRAMEWORK FOR DISASTER RISK REDUCTION

UN Scientific and Technological Community Major Group

Convened by the International Science Council (ISC)



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SENDAI MID-TERM REVIEW

- Insufficient progress
- Strategically link DRR, climate, biodiversity, sustainable development
- Need to increase transdisciplinary approach and the science-policy-society interface
- Build the case of prevention and resilience



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HAZARD DEFINITION & CLASSIFICATION REVIEW

TECHNICAL REPORT



SENDAI FRAMEWORK

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UNDRR

HAZARD TERMINOLOGY

- Review of the 302 hazard definitions across 8 hazard types published in 2021
- UNDRR and ISC led effort with many UN and science organisations involved.
- Launch foreseen at the Global Platform in 2025

A Framework for Global Science

in Support of

Risk-informed Sustainable Development and Planetary Health



RESEARCH PRIORITIES

Priority 1: Understand risk creation and perpetuation in the contemporary risk landscape: systemic, cascading and complex risks

Priority 2: Address inequalities, injustices, marginalization and vulnerabilities

Priority 3: Enable transformative governance and action to reduce risk

Priority 4: Understand the implications of new thinking on hazards

Priority 5: Harness technologies, innovations, data and knowledge for risk reduction

Priority 6: Support regional and national science and knowledge for policy and action

Priority 7: Support just and equitable transitions, adaptation and risk reduction

Priority 8: Measurement to help drive progress

Priority 9: Foster a transdisciplinary approach and multi-stakeholder collaboration for solutions to risk challenges