



首届世界科技与发展论坛
1st WORLD SCIENCE AND TECHNOLOGY
DEVELOPMENT FORUM



**International
Science Council**
The global voice for science

The International Science Council: Strategic developments and priorities for action

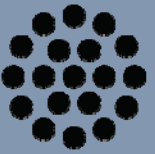
Heide Hackmann
ISC Chief Executive Officer

Beijing, 16 October 2019



**Our vision is of science
as a global public good**

**Our mission is to be the
global voice for science**

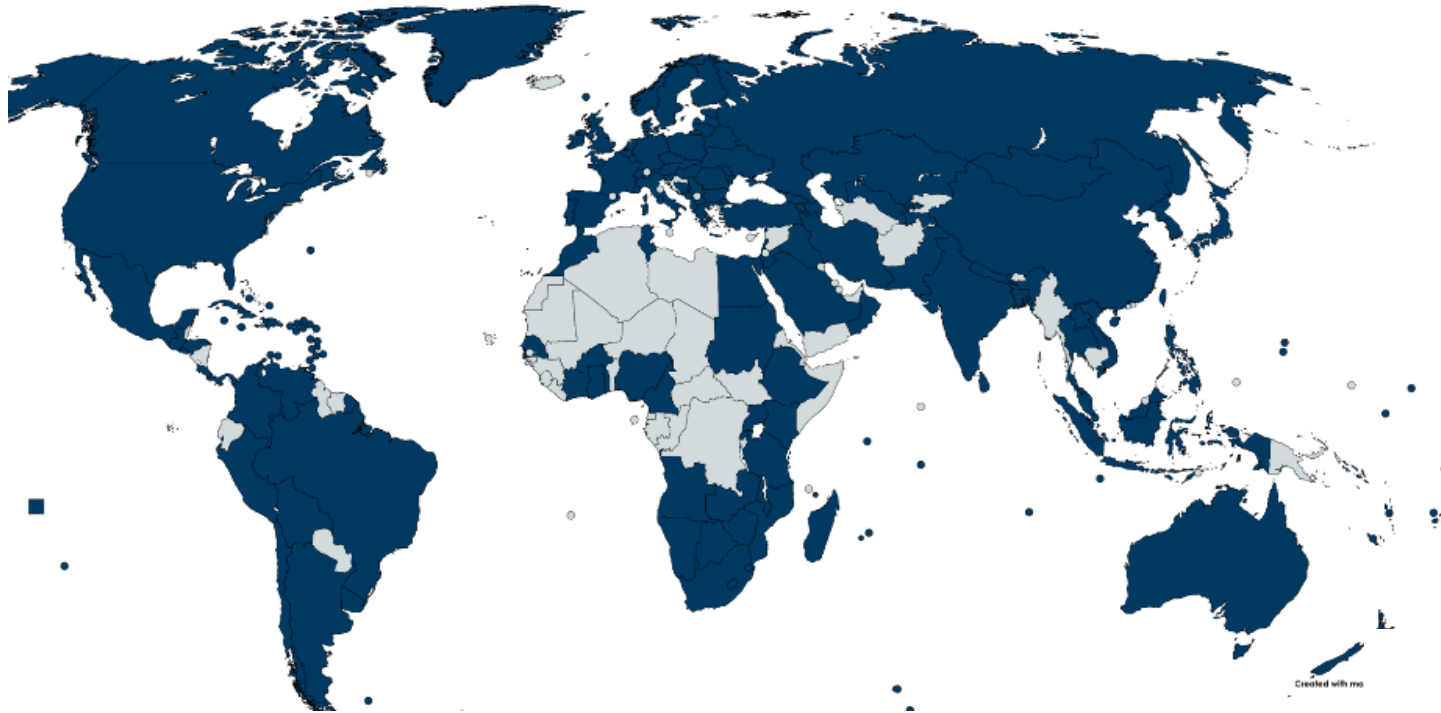
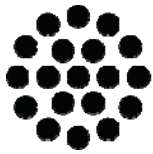


Strategic objectives

- Promote international research and scholarship on key global challenges
- Increase evidence-informed understanding and decision making at all levels of public policy, discourse and action
- Support the continued and equal advancement of scientific rigour, creativity and relevance in all parts of the world
- Protect scientific freedom and advocate principles for the responsible practice of science



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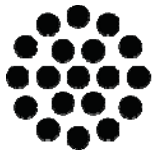


The ISC's open and diverse membership structure, including:

- 140 + National and Regional Scientific Organizations, including Academies and Research Councils and Regional Social Science Councils in Africa, Latin America, Asia and the Arab World
- 40 International Scientific Unions and Associations, across the natural and social sciences
- 30 Affiliates, including other international scientific organizations



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The ISC's global scientific networks

The International Network for Government Science Advice

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 Poverty Programme (CROP)

International Scientific Committees

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

Global Observing Systems

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

International Data Bodies

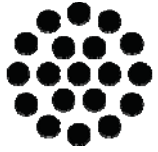
- Committee on Data for Science and Technology (CODATA)
- World Data System (WDS)

Funding Programmes

- Transformations to Sustainability (Sida, Belmont Forum, Norface)
- Leading Integrated Research for Agenda 2030 in Africa (Sida, Bosch Foundation)



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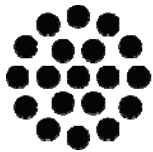
The ISC's work at the global science-policy interface

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

- 2030 Agenda for Sustainable Development
- Paris Agreement on Climate Change (UNFCCC)
- New Urban Agenda (UN-Habitat)
- Sendai Framework for Disaster Risk Reduction (UNDRR)



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Representation
and
participation



Scientific input
and advice on
request and
independently



Involvement in
UN Advisory
Bodies, incl.
TFM and
Climate Summit



Activity-based
Agreements with
UN Agencies and
Programmes

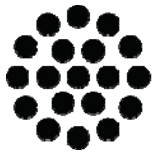
ISC Special
Envoy for
Science in
Global Policy

Since 1992: Major Group for the Scientific and Technological Community

Strengthening the demand for and mandate of science in the UN



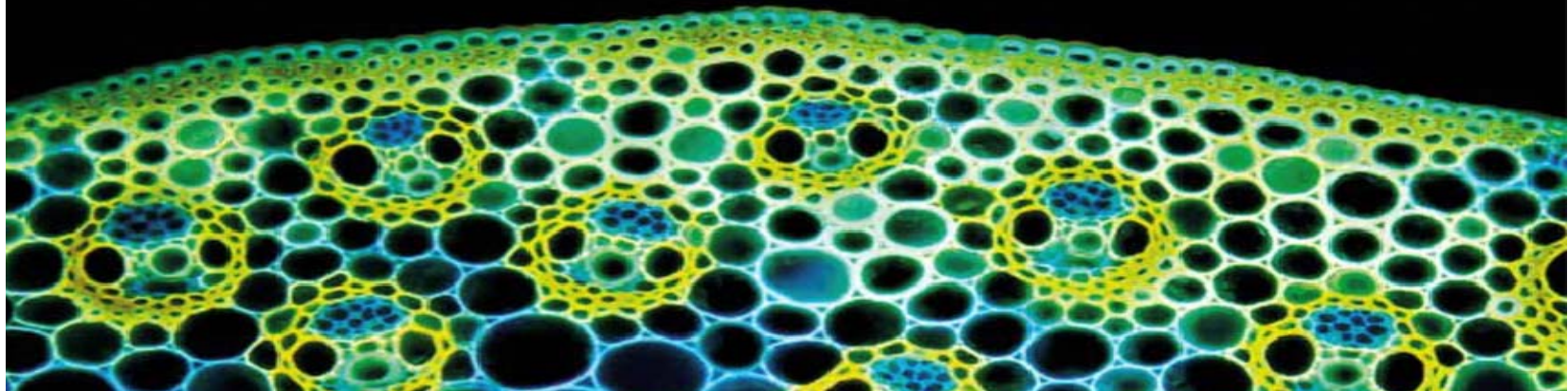
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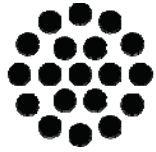
ADVANCING SCIENCE AS A GLOBAL PUBLIC GOOD

ISC Action Plan 2019-2021

<https://council.science/actionplan>



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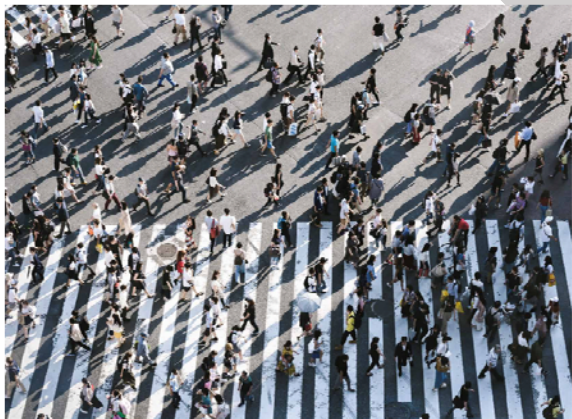


The ISC's four domains of impact



The 2030
Agenda for
Sustainable
Development

The Digital
Revolution

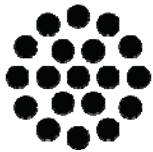


Science in
Policy and
Public
Discourse

The Evolution
of Science and
Science
Systems

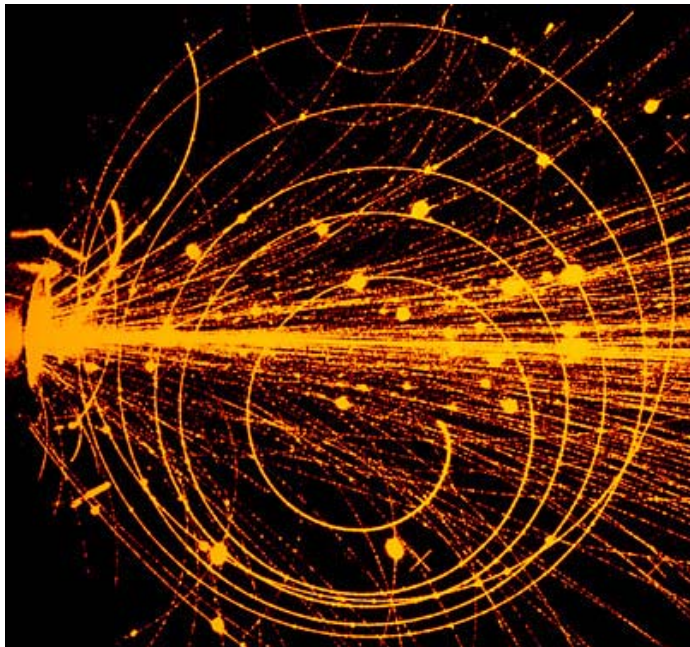


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Work with the ISC to advance science as a global public good



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