



**International
Science Council**

The global voice for science



International Science Council

Welcome to the ISC Membership

November 2020

<http://www.international-science-council.com>



01 Essentials

Understand the ISC, its history, vision and mission

02 Core and ongoing activities

An overview of our core and ongoing activities, including our convening role as the global voice for science

03 Priorities

An indication of the priority issues we are currently working on from the 2019 - 2021 Action Plan

04 Opportunities

Collaborate with us

Essentials





International Science Council

The global voice for science

- Global membership-based organization
- Founded in July 2018
- Merger of the International Council for Science and the International Social Science Council



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**

Our members include

- **125** National and Regional Scientific Organizations, including Academies and Research Councils
- **40** International Scientific Unions and Associations across the natural and social sciences
- **40** 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

Governing Board

6 Officers

President

President-elect

Vice-President

Vice-President

Secretary

Treasurer

10 Ordinary members

1 Ex-officio



Daya Reddy

President, South Africa



Peter Gluckman

President-elect, New Zealand



Elisa Reis

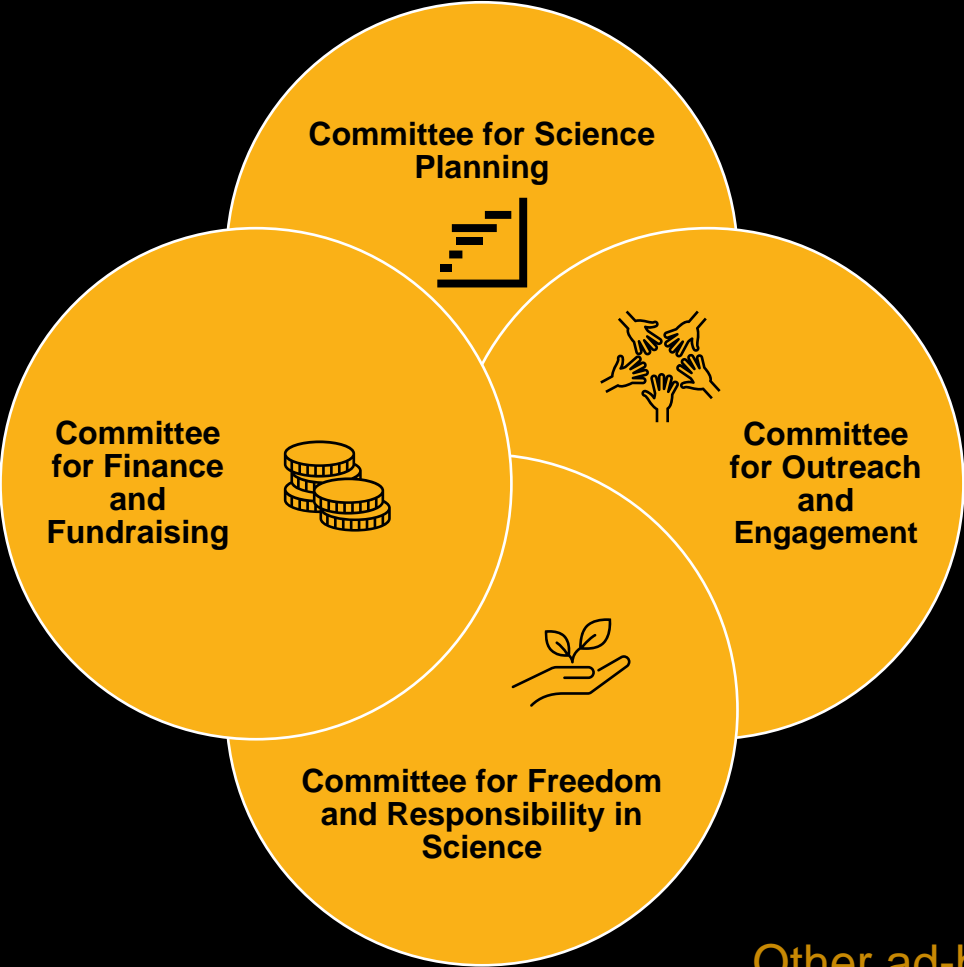
Vice-President, Brazil



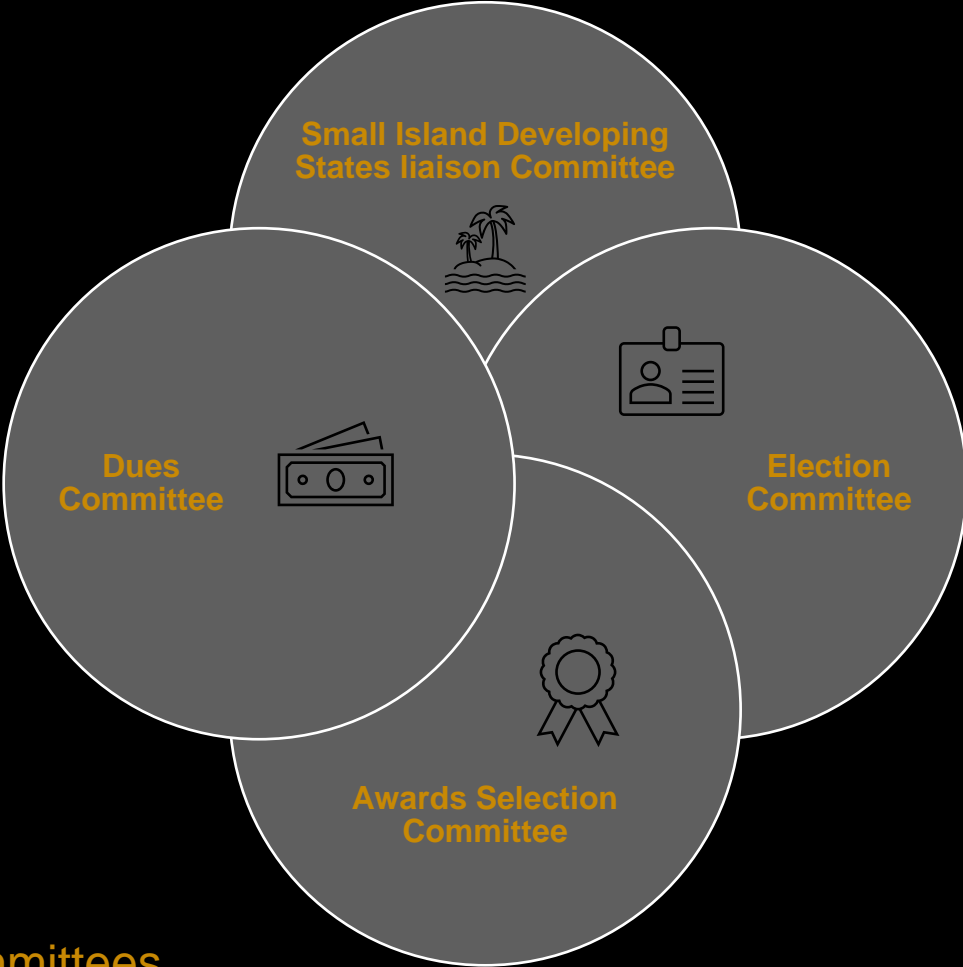
Jinghai Li

Vice-President, China

Advisory Bodies

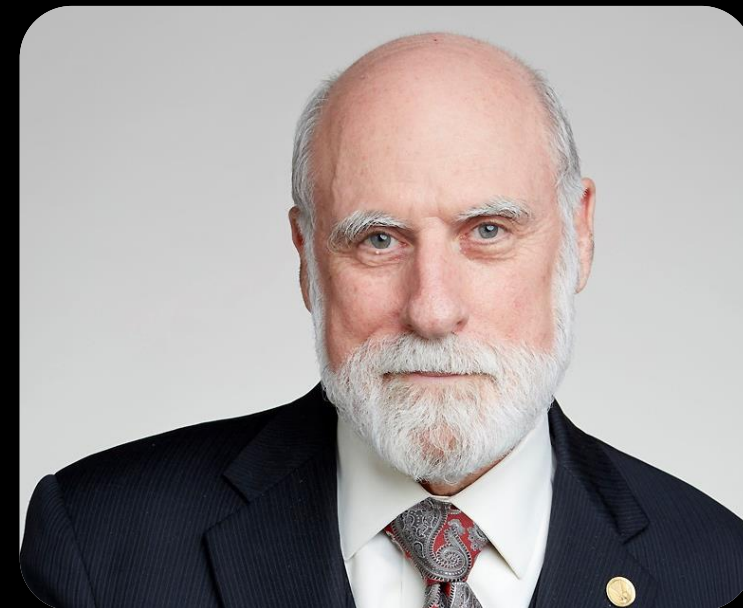


Other ad-hoc committees



Patrons

Mary Robinson, Ismail Serageldin, Vint Cerf



“

We need science to empower citizens' active engagement in finding the solutions to the climate emergency, especially from poor and vulnerable communities. There has never been a more important time for an organization with the global reach of the International Science Council, and I am delighted to be its Patron”.

Mary Robinson

”

The ISC convenes expertise and influence across scientific fields, disciplines, regions and stakeholder communities in order to



Promote international, integrated research 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 development of science systems in all parts of the world



Protect scientific freedom and advocate principles for the responsible practice of science

Core and ongoing activities



ISC sponsored and affiliated international scientific bodies

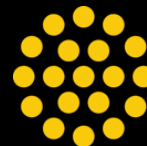
International Research Programmes

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

Global Observing Systems

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

The International Network for Government Science Advice (INGSA)



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 funding programmes

Transformations to Sustainability (T2S)

Supported by the Swedish International Development Cooperation Agency (Sida), the Belmont Forum of global environmental change funders and Norface, a network of social science funding agencies



Leading Integrated Research for Agenda 2030 in Africa (LIRA2030)

Supported by Sida and the Bosch Foundation



The ISC leads on interfacing at the UN

The ISC is a lead coordinator of the UN Major Group for Science and Technology. In this role the Council works with the World Federation of Engineering Organizations (WFEO) to secure a mandate for science at the UN.

UNDESA

The ISC represents the international scientific community in the annual High Level Political Forum on the Sustainable Development Goals



UNESCO

The ISC a key partner for UNESCO on Open Science, and The Ocean Decade through the Intergovernmental Oceanographic Commission

UNDP

Phase One of Rethinking Human Development has just been completed, a major achievement in including the natural environment in future human development reports



UNEP

We collaborate with UNEP in the context of co-sponsoring the international sustainability research programme, Future Earth

UNDRR

The Council, working with its members has produced a comprehensive Hazard Definition & Classification Review: Technical Review



WMO

WMO is one of our partners in the World Climate Research Programme



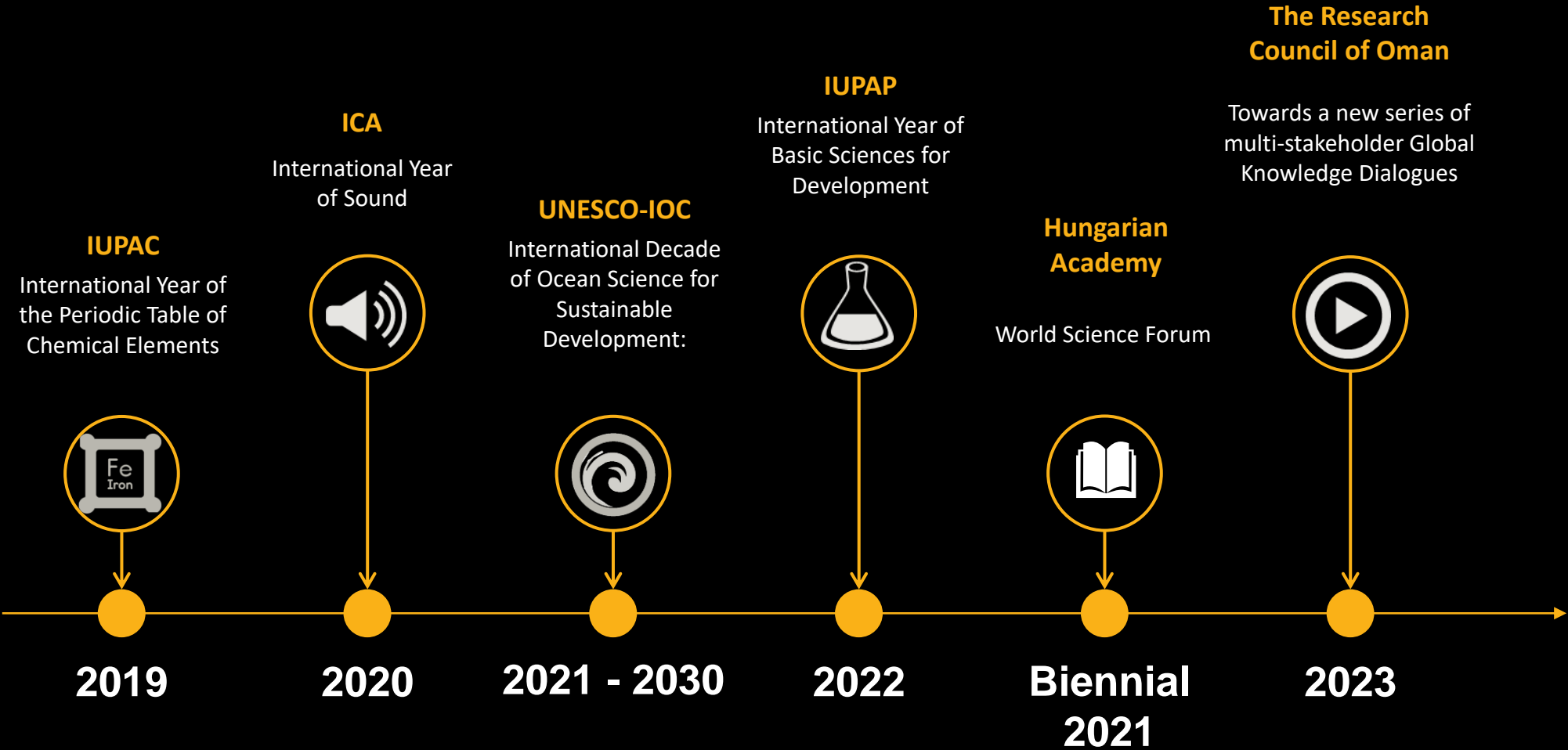


Engaging in Global Policy Processes

**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)
- Paris Agreement on Climate Change (UNFCCC)
- New Urban Agenda (UN-Habitat)

Supporting International Scientific Initiatives



Priorities



ISC Action Plan

The ISC works with its members, partners and sponsored initiatives on a set of targeted, priority projects, which are subject to three-yearly Action Plan.

Our current Action Plan sets out an agenda for transformative action across four domains of impact.

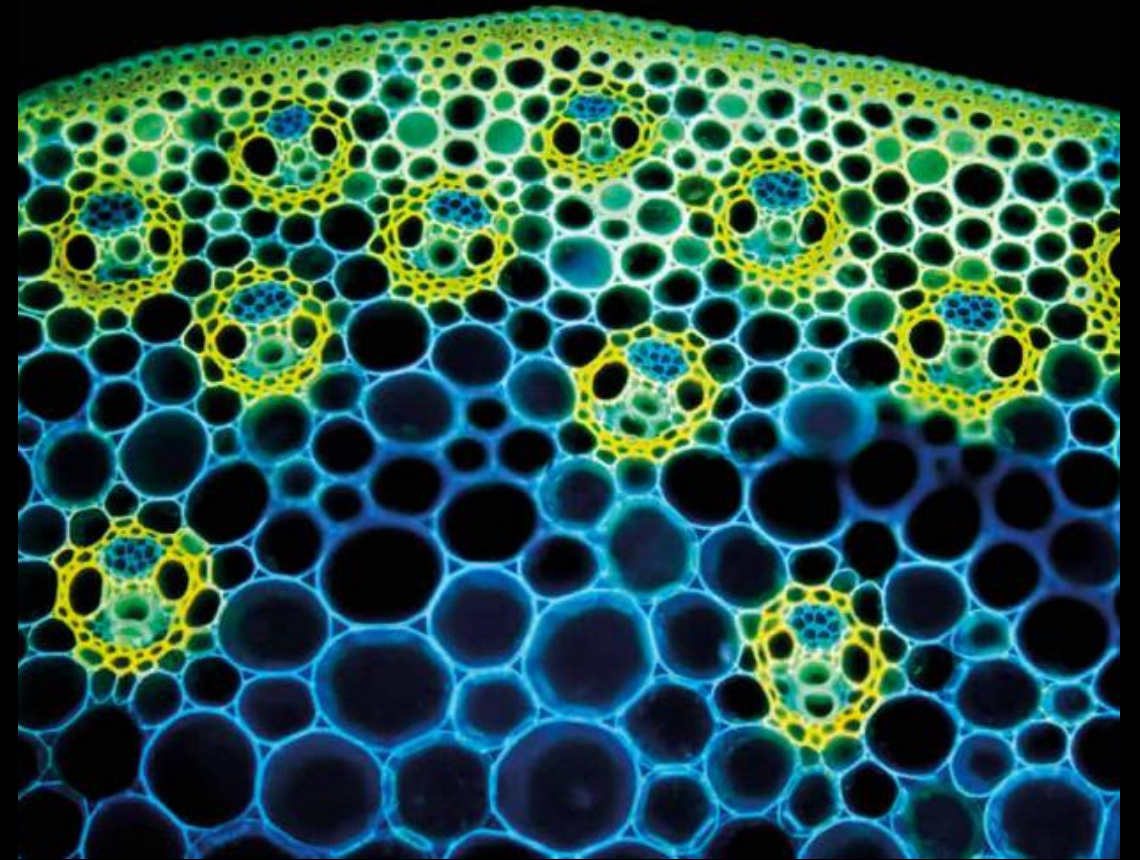
1. The 2030 Agenda for Sustainable Development
2. The Digital Revolution
3. Science in Policy and Public Action
4. The Evolution of Science and Science Systems

Poll regarding the ISC Action Plan

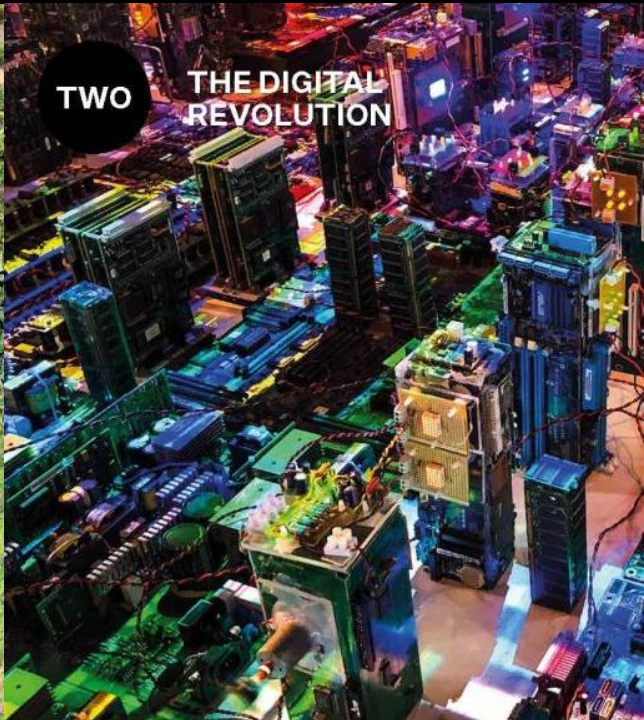


ADVANCING SCIENCE AS A GLOBAL PUBLIC GOOD

ACTION PLAN 2019 – 2021



The ISC Action Plan 2019 - 2021



Action Plan Projects

Domain 1: The 2030 Agenda for Sustainable Development



International science
for global
sustainability



SDG interactions as
a national policy
driver



Science and the
Sendai Framework
for Disaster Risk
Reduction



Rethinking Human
Development

Domain 2: The Digital Revolution



Making data work
for cross-domain
grand challenges



Global Digital
Charter and UN
Summit

Domain 3: Science in Policy and Public Discourse



Science-policy
interfaces at the
global level



The public value of
science



Science in the
private sector

Domain 4: The Evolution of Science and Science Systems



Gender equality in
science



Combating
discrimination



Refugee and
displaced scientists



Open science



The future of
scientific publishing

Conversations on Rethinking Human Development

Rethinking Human Development

Domain 1

- 30 years since the first Human Development Report
- ISC-UNDP partnership
- Input from numerous experts and practitioners from natural and social sciences
- Multi-media website
- Continued global dialogue

A global dialogue on human
development in today's world



HAZARD DEFINITION & CLASSIFICATION REVIEW

TECHNICAL REPORT




SENGAI FRAMEWORK
FOR DISASTER RISK REDUCTION 2015-2030

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 UNDRR
UN Office for Disaster Risk Reduction

Science and the Sendai Framework for Disaster Risk Reduction

Domain 1

- Collaboration with members, Public Health England, Integrated Research for Disaster Risk, UNDRR
- Aim: Accelerate implementation of the 2030 Agenda through support for interactions-based research and policy prioritization, programming at all levels of governance
- Launch of a new scientific report on hazards definition in July 2020 with six targeted recommendations

Open Science, Scientific Publishing

Domain 4

Open Science

- Advocating and advancing open science are fundamental to the work of achieving the ISC's vision of science as a global public good
1. Open Science in the Global South
 2. Towards a UNESCO open science recommendation

The Future of Scientific Publishing

- review of the role of publishing in the scientific enterprise
- Consultation process with members, discussion paper
- Create an international coalition for change
- Position paper

The cover features a background image of a modern building with a series of colorful, vertical, rectangular panels in shades of red, orange, and white, creating a geometric pattern.

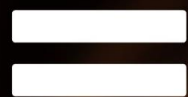
Open Science for the 21st Century

Draft ISC Working Paper
June 2020

The cover features a background image of a server room with rows of server racks illuminated by blue and orange lights.

Business Models and Market Structure within the Scholarly Communications Sector

ISC Occasional Paper
September 2020



**Gender equality
in science**

Systemic Discrimination in Science

Domain 4

Gender Equality in Science

- Consultation process with all members, report
- Partnership meeting aimed at designing future activities

Combating Discrimination

- ISC statement on combating systemic racism and discrimination in science
- ISC-Falling Walls collaboration
- Partnership agreement with ten other global science organizations



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/ **FALLING WALLS**



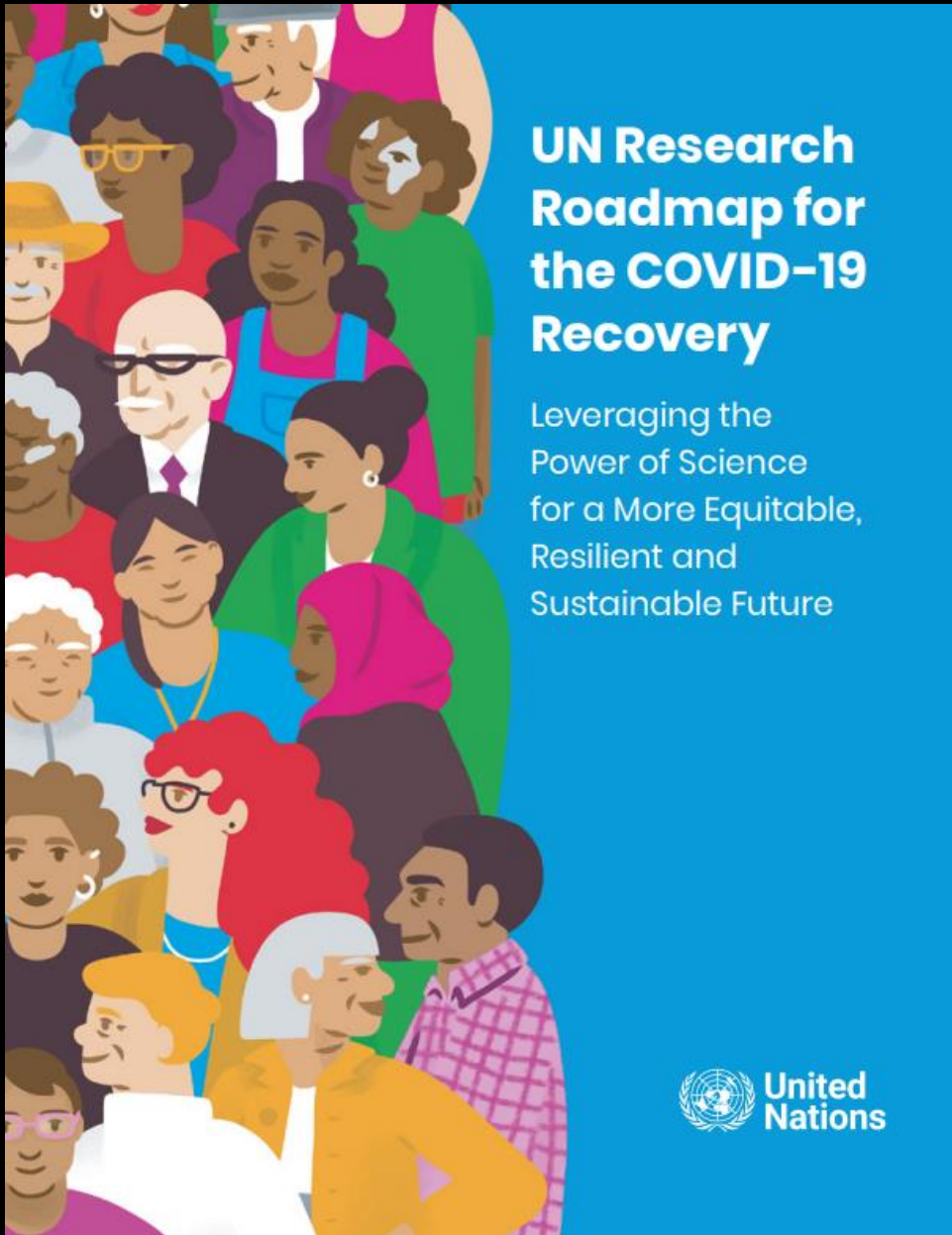
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/ **FALLING WALLS**



COVID-19 Response

- COVID-19 Global Science Portal
- Webinar: The role of science funders in the time of COVID-19
- IIASA-ISC Consultative Science Platform “Bouncing Forward Sustainably - Pathways to a post-COVID World”
- COVID Education Alliance (COVIDEA)
- UN Research Roadmap for COVID-19 Recovery
- Code of conduct for scientists working in emergencies
- Webinar series: Debating disciplinary developments





Express your interest to host a regional presence of the ISC global secretariat

- **10 December 2020** for Africa
- **10 December 2020** for Latin America and the Caribbean
- **15 May 2021** for Asia and the Pacific

A Stronger Regional Presence

Chapter 6 of the 2019 – 2021 Action Plan

Strategy “Towards a future presence for the ISC

Regional office for Africa

Current support arrangements end on 31 March 2021

Regional office for Latin America and the Caribbean

Was closed by a decision of the El Salvadorian government on 31 December 2019

Regional office for Asia and the Pacific

Current support arrangements extend to 18 September 2021



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SAVE THE DATE

ISC EXTRAORDINARY GENERAL ASSEMBLY

1 - 5 FEBRUARY 2021
VIRTUAL

General Assembly

1 – 5 February 2021

Extraordinary General Assembly

- Voting on the proposed changes to the ISC Statutes
- Election of the 2021 Elections Committee

11 – 15 October 2021

2nd General Assembly

- Election of the Governing Board
- Election of the members of the Advisory Committees
- 2022 – 2024 Action Plan

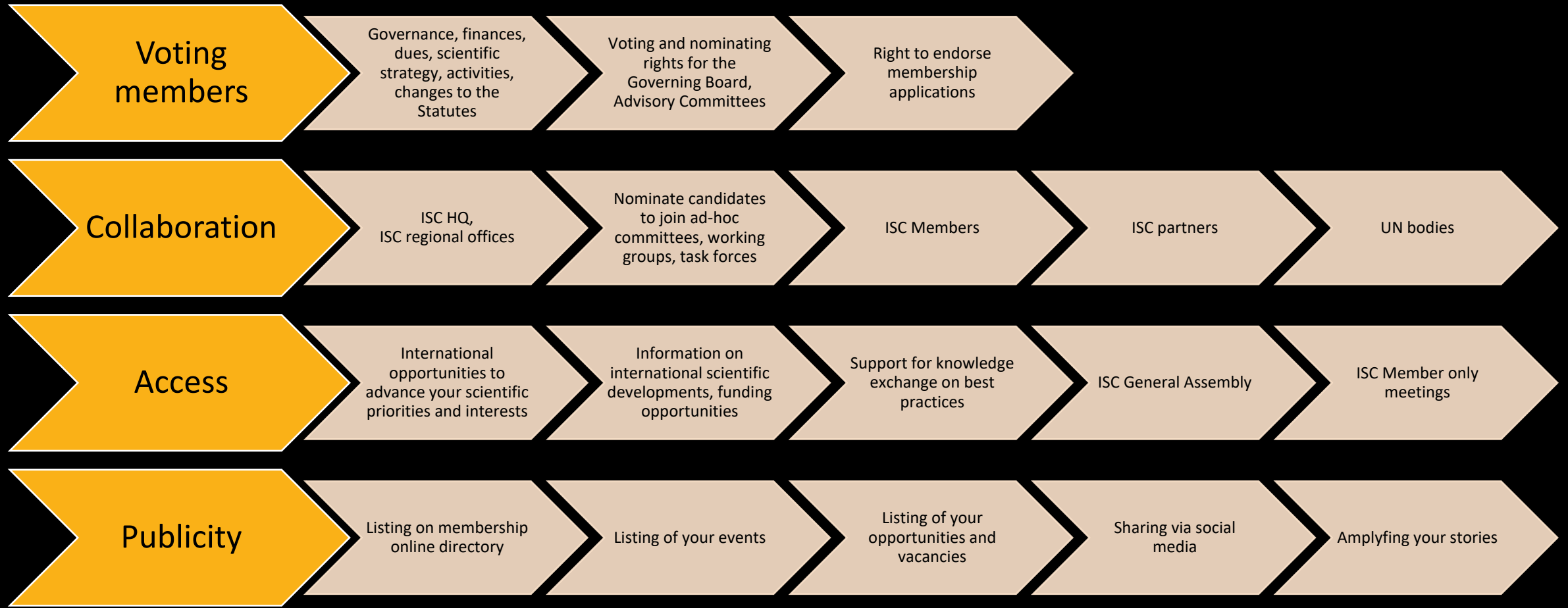
Opportunities

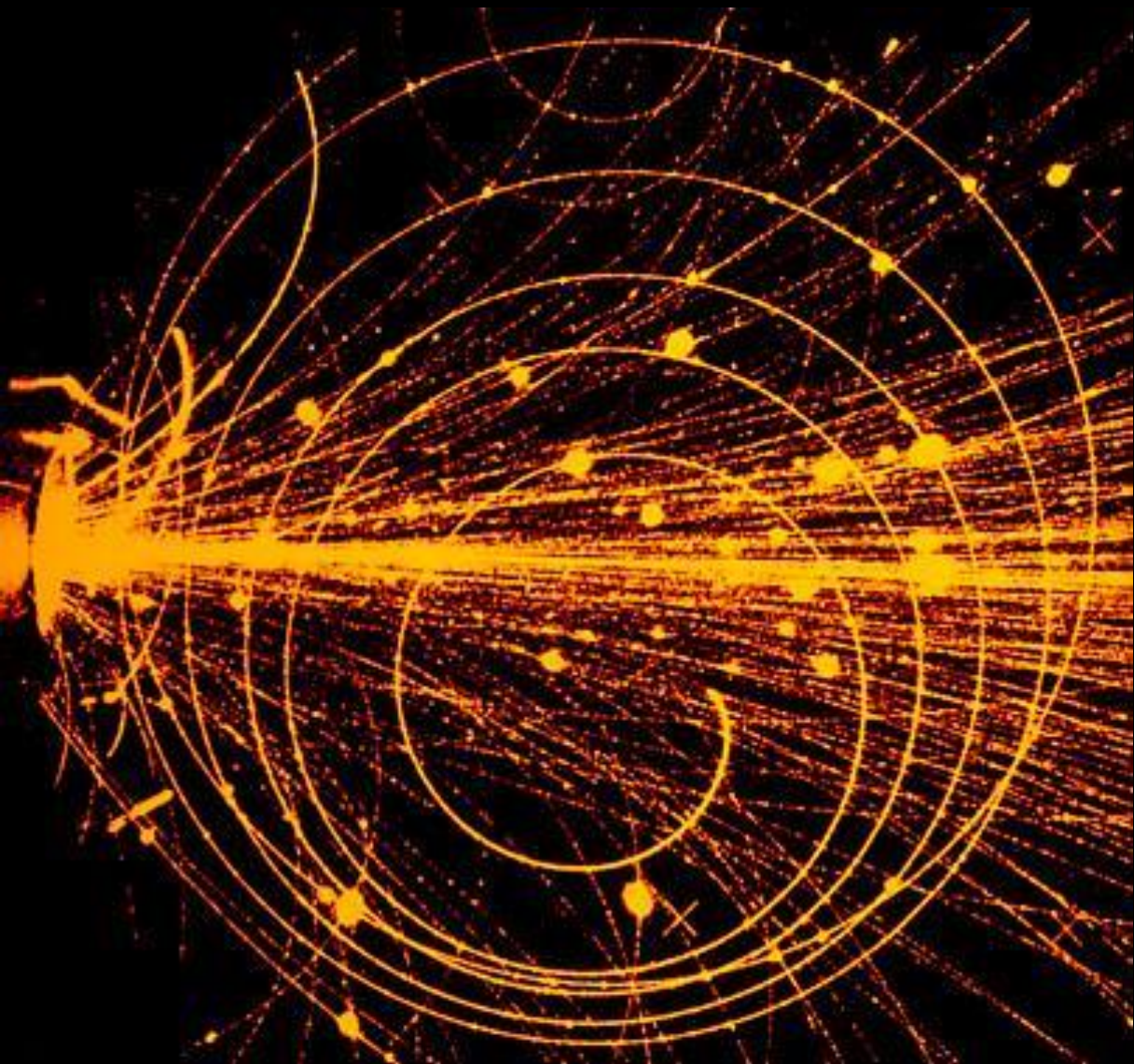


Benefits of ISC Membership

- Only international NGO bringing together the **natural** and **social** sciences
- ISC **convenes** the scientific expertise and resources needed to lead on catalysing, incubating and coordinating impactful international action on issues of major scientific and public importance
- Representing the voice of science at the **United Nations**: ISC works at the intersection of science and policy, to ensure that science is integrated into international policy development and that relevant policies take into account both scientific knowledge and the needs of science
- Access to information on international scientific **developments**
- Access to international **opportunities** to advance your scientific priorities and interests
- **Funding** opportunities

Benefits of ISC Membership





@ISC



/InternationalScience



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/council.science



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c/GlobalScienceTelevision

Membership Liaison

- Liaison Officer
- Action Plan
- Amplification
- Update emails
- General Assembly
- Notice Board

Current opportunities for engagement and collaboration

[https://council.science/
members/membership-
notice-board/](https://council.science/members/membership-notice-board/)





We look forward to our collaboration