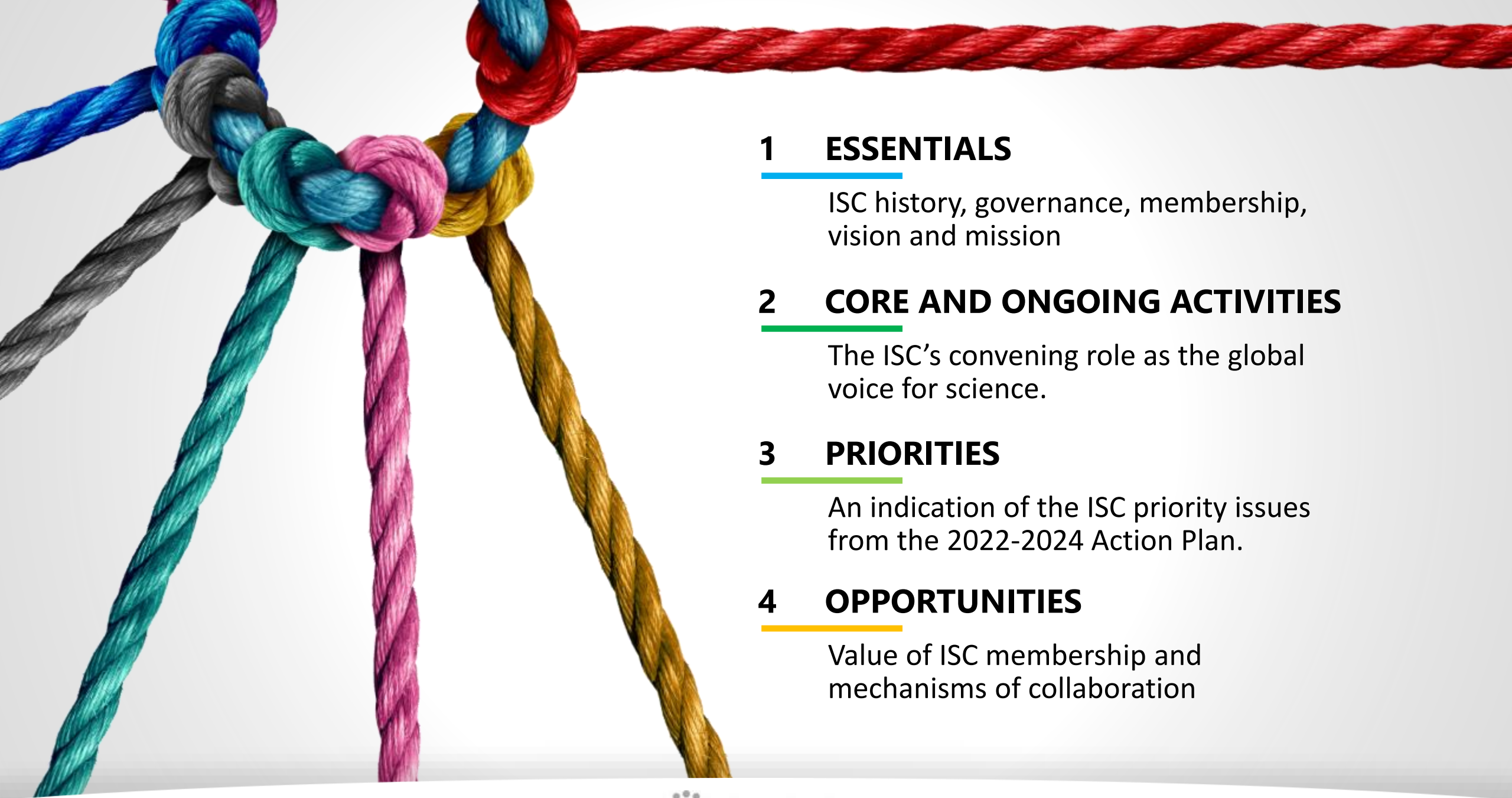


International Science Council

The global voice for science





1 ESSENTIALS

ISC history, governance, membership, vision and mission

2 CORE AND ONGOING ACTIVITIES

The ISC's convening role as the global voice for science.

3 PRIORITIES

An indication of the ISC priority issues from the 2022-2024 Action Plan.

4 OPPORTUNITIES

Value of ISC membership and mechanisms of collaboration

1

ESSENTIALS



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*.**

ISC MEMBERS



146

National and Regional Scientific Organizations with a broad spectrum of scientific disciplines, including Academies and Research Councils



45

International Scientific Unions and Associations, devoted to the practice and promotion of specific scientific disciplines or areas



60

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

The ISC maintains **active partnerships** with other international scientific bodies, including the InterAcademy Partnership and the World Federation of Engineering Organizations and the Global Research Council.

iap



GLOBAL
RESEARCH
COUNCIL

ISC REGIONS



Latin America and the Caribbean

Based at the Colombian Academy of Exact, Physical and Natural Sciences



Asia and the Pacific

Based at the Australian Academy of Science



Africa

Agreement with Future Africa to co-design the ISC's presence in Africa

The ISC has Members and partners across the world and is active in all regions.

The **ISC Regional presences** convene the scientific community and act as a hub for ISC Members and activities in **Latin America and the Caribbean, Asia and the Pacific and Africa.**

ISC GOVERNING BOARD

The ISC Governing Board is elected by the ISC membership.



PETER GLUCKMAN

PRESIDENT
New Zealand



SAWAKO SHIRAHASE

VICE PRESIDENT FOR FINANCE
Japan



ANNE HUSEBEKK

VICE-PRESIDENT FOR FREEDOM AND
RESPONSIBILITY IN SCIENCE
Norway



MOTOKO KOTANI

VICE PRESIDENT FOR SCIENCE AND
SOCIETY
Japan



SALIM ABDOOL KARIM

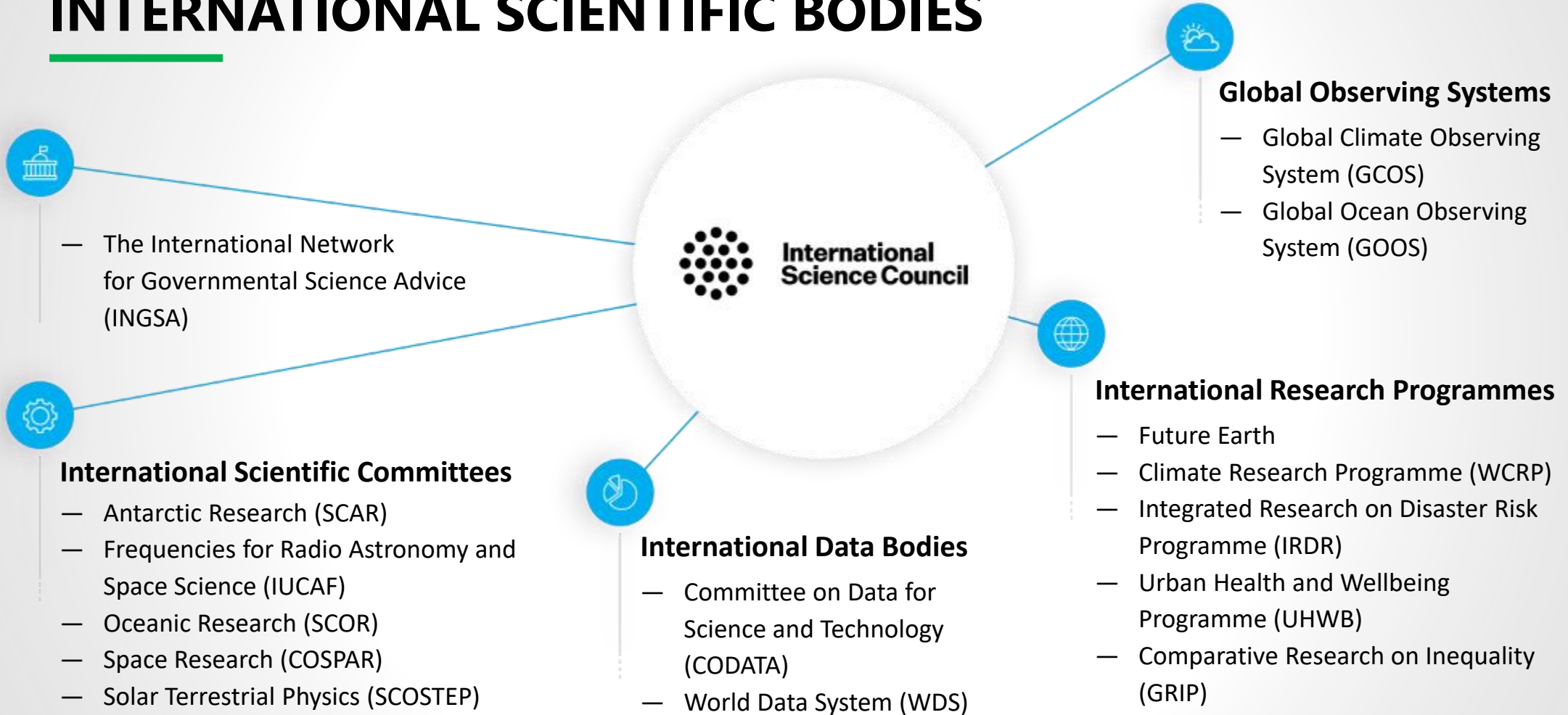
VICE PRESIDENT FOR OUTREACH
AND ENGAGEMENT
South Africa



2

CORE AND ONGOING ACTIVITIES

ISC AFFILIATED INTERNATIONAL SCIENTIFIC BODIES



THE ISC LEADS ON INTERFACING AT THE UNITED NATIONS

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



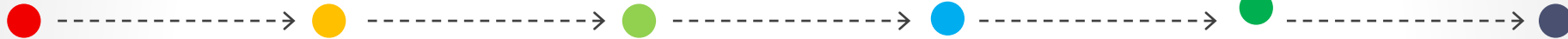
ENGAGING IN GLOBAL POLICY PROCESSES

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)
- Intergovernmental Oceanographic Commission of UNESCO
- Paris Agreement on Climate Change (UNFCCC)
- New Urban Agenda (UN-Habitat)
- Convention on Biodiversity



SUPPORTING INTERNATIONAL SCIENTIFIC INITIATIVES



2019

IUPAC

International Year
of the Periodic
Table of Chemical
Elements

2020

ICA

International
Year of Sound

2021-2030

UNESCO-IOC

International
Decade of Ocean
Science for
Sustainable
Development

2022

IUPAP

International Year
of Basic Sciences
for Sustainable
Development

2022-2025

**ISC Global
Knowledge
Dialogue**

Series of multi-
stakeholder regional
dialogues

2024-2033

UN

International
Decade of
Sciences for
Sustainable
Development



ISC PRIORITIES



The ISC in Global Policy
and the UN



Membership



Freedom and
Responsibility in Science



Global Commission on
Science Missions for
Sustainability



Regional presence



ISC Fellowship



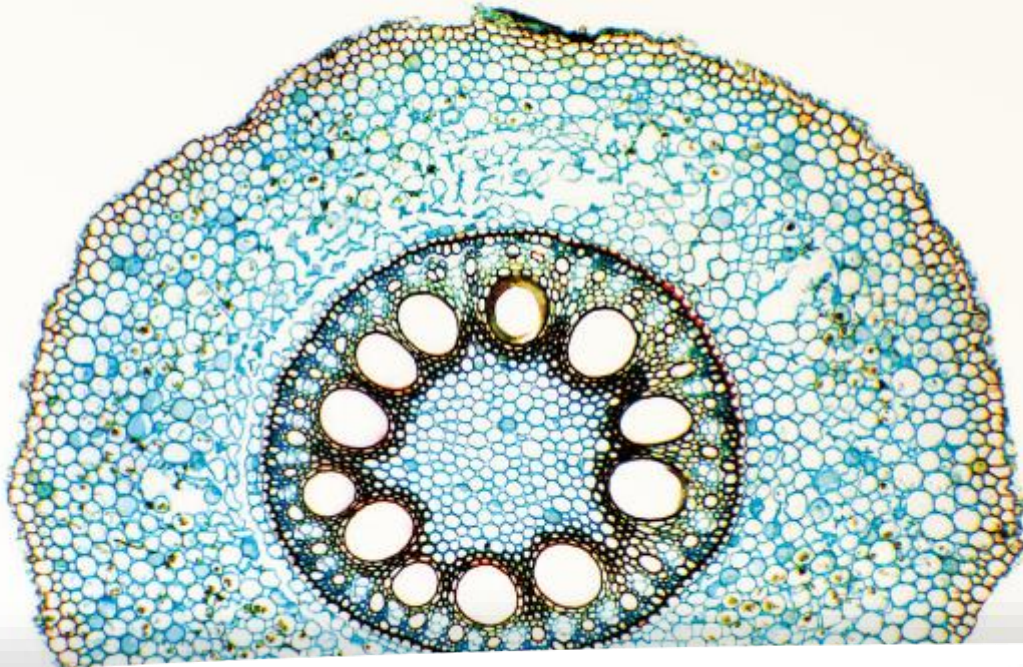
Centre for Science Futures



ISC Charitable Trust

SCIENCE AND SOCIETY IN TRANSITION

ISC ACTION PLAN: 2022-2024



ISC ACTION PLAN

The ISC works with its Members, partners and sponsored initiatives on a set of targeted, priority projects, which are set out in regular multi-year Action Plans.

The 2022-2024 Action Plan sets out an agenda for transformative action across five domains of impact:

- Global Sustainability
- Converging Science and Technology in a Digital Era
- Science in Policy and Public Discourse
- Changing Practices in Science and Science Systems
- Freedom and Responsibility in Science

<https://council.science/actionplan/>

FLIPPING THE SCIENCE MODEL:

A Roadmap to Science Missions for Sustainability



International
Science Council

FLIPPING THE SCIENCE MODEL

A Roadmap to Science Missions for Sustainability

- Recent report describing and advocating for mission science for sustainability as an urgently needed new form of science for the SDGs
- Inviting stakeholders to unite with the science community in this endeavour of collectively catalyzing science's power to drive transformative action towards a more sustainable world
- Published by the ISC's Global Commission on Science Missions for Sustainability

<https://council.science/publications/flipping-the-science-model>





A FRAMEWORK FOR EVALUATING RAPIDLY DEVELOPING DIGITAL AND RELATED TECHNOLOGIES

AI, large language models and beyond

- Recent discussion paper: outline of an initial framework to inform the multiple global and national discussions taking place related to AI
- annotated framework/checklist of risks, benefits, threats and opportunities associated with rapidly moving digital technologies, including – but not limited to – AI
- Informing all stakeholders, incl. governments, trade negotiators, regulators, civil society and industry of potential future scenarios

<https://council.science/publications/framework-digital-technologies>

THE CONTEXTUALIZATION DEFICIT

Reframing Trust in Science for Multilateral Policy

THE CONTEXTUALIZATION DEFICIT

Reframing Trust in Science for Multilateral Policy

How can the multilateral policy interface engage effectively with science in ways trusted by populations?

- Recent paper suggesting the need to update the science-policy interface model
- Exploring new frameworks for envisioning what a healthy science-policy interface might look like and how it can engage with the issues that drive various communities to support or oppose science-policy interventions.
- Providing framework that key stakeholders in the policy-science interface can use to identify global, regional, or local systemic requirements.

<https://futures.council.science/publications/trust-in-science>



COVID-19 OUTCOME SCENARIOS

Unprecedented and Unfinished

- Report presenting lessons and recommendations to assist all governments in their responses to the pandemic beyond its initial crises
- Informing about the wide-ranging, long-term impacts of COVID-19 to help elucidate the key decisions and actions that could shift societies towards more positive and equitable outcomes
- Inform planning and policy responses to other existential crises, whether they are pandemics, natural disasters, or the impacts of climate change

<https://council.science/publications/covid19-scenarios-2nd/>

CENTRE FOR SCIENCE FUTURES

An ISC think tank

- Explores where changes in science and its organization are leading us
- Discussions on science futures, science systems, and science policy
- Providing options and tools for better informed decisions and targeted action for the future of science systems

CENTRE FOR
SCIENCE
FUTURES



International
Science Council

<https://futures.council.science/>





TRANSDISCIPLINARY RESEARCH

Looking at the Future of Transdisciplinary Research

- Recent discussion paper looking at the evolutions of science that have led to the emergence of transdisciplinarity, what is meant by transdisciplinarity and what elements need to be considered for its successful application for the future of transdisciplinary research
- What is the relationship between science and action?
- What are inter- and transdisciplinarity?
- How do science and transdisciplinarity relate to other knowledge systems?
- How can we improve the science–society and science-for-policy interfaces?

<https://council.science/publications/future-transdisciplinary-research/>





PODCAST

ISC Presents

- Several podcast series – subscribe, listen and share
- Most recent: *Nature*, Science Fiction and the Future of Science
- Freedom and Responsibility in science in the 21st century
- Science in Times of Crisis
- Science In Exile
- Women in Science
- *Nature*, Working Scientist: Science Diversified

<https://council.science/podcast/>



4

OPPORTUNITIES

VALUE OF ISC MEMBERSHIP

- Largest international NGO bringing together the **natural sciences, social sciences and humanities**
- 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

VALUE OF ISC MEMBERSHIP

- **Collaboration**

- ISC Headquarters, ISC Regional Focal Points
- ISC Members, affiliated bodies, partners, UN agencies

- **Access**

- International opportunities to advance your organization's scientific priorities and interests
- Information on international scientific developments
- Support for knowledge exchange on best practices
- ISC General Assembly, ISC Member meetings
- Other science events

- **Publicity**

- Listing of your organization on ISC membership online directory
- Listing and promotion of your organization's events, opportunities, vacancies
- Amplification of your organization's stories

ISC ON SOCIAL MEDIA



@ISC



/InternationalScience



/company/international-science-council



/council.science



c/InternationalScienceCouncil

ISC NEWSLETTERS

- ISC Monthly
- Science for Disaster Risk Reduction
- Science at the United Nations
- Open Science round-up
- ISC Job Alerts featuring jobs, grants, fellowships and other opportunities from the ISC community
- Regional updates: Latin America and the Caribbean
- Regional updates: Africa
- Regional updates: Asia-Pacific

MEMBERSHIP LIAISON

- Membership Officers
- Involvement in ISC Action Plan and other ISC initiatives
- Promotion of events, opportunities, vacancies, etc.
- Amplification of stories, guest blogs
- ISC representative at your organization's meeting
- One-on-one discussions
- Weekly update emails, WhatsApp group
- General Assembly and other Member meetings
- Knowledge Sharing Platform
- Membership Notice Board