

THIRD ISC GENERAL ASSEMBLY  
Muscat, Oman 2025

# Report of the Second ISC General Assembly (2021)

Document 2

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*For noting*



**International  
Science Council**

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





**International  
Science Council**

The global voice for science

## REPORT

### **International Science Council 2<sup>nd</sup> General Assembly 11–15 October 2021 (online meeting)**

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The International Science Council (ISC) is a non-governmental organization with a unique global membership that brings together 40 international scientific Unions and Associations and over 140 national and regional scientific organizations including Academies and Research Councils

## Business Day 1 (12 October 2021)

### 1. Opening of the 2<sup>nd</sup> ISC General Assembly

ISC President Daya Reddy welcomed participants to the 2<sup>nd</sup> General Assembly of the ISC.

#### a. Adoption of the agenda

The Assembly adopted the agenda by acclamation without amendments.

- b. Adoption of the minutes of the 1st ISC General Assembly (2018)
- c. Adoption of the minutes of the Extraordinary ISC General Assembly (2021)

The membership was informed that the above documents had been reviewed by the Governing Board.

The minutes of the 1<sup>st</sup> ISC General Assembly (July 2018) and the Extraordinary ISC General Assembly (February 2021) were adopted by acclamation without amendments.

- d. Adoption of the recommendation of the Governing Board on the term of office of vice-presidents.

The Assembly adopted, by acclamation, the recommendation of the Governing Board not to change the term of office of vice-presidents.

#### e. Appointment of the Resolutions Committee

The following individuals were proposed to the Assembly to form the 2021 Resolutions Committee:

- Anna Mauranen (Council of Finnish Academies)
- Catherine Ngila (African Academy of Sciences)
- Tonya Blowers (Organization for Women in Science for the Developing World)
- Yukari Takamura (Science Council of Japan)

The Assembly approved the composition of the Resolutions Committee by acclamation.

#### f. Appointment of tellers

The following individuals were proposed to the Assembly as tellers:

- Mostafa Moonir Shawrav (Marie Curie Alumni Association – MCAA)
- Simon Hodson (Committee on Data of the International Council for Science – CODATA)
- Manuel de Leon (Ministry for Science and Innovation, Spain)

The Assembly approved the tellers by acclamation.

## **2. Activity and Achievement Report 2018–2021**

The ISC President Daya Reddy and CEO Heide Hackmann presented a report of ISC activities and achievements during the first three years of operation of the Council. The President thanked the ISC members, the Governing Board members, the Secretariat, including the Regional Offices, and all Committees and Working Groups for their deep commitment.

During the general discussion, the following points were raised:

- There has been good progress working across social and natural sciences in ISC activities.
- The membership should be consulted before important statements or positions are released.
- The membership was encouraged to diffuse the Activity and Achievement report widely among their constituencies to showcase the work ISC is doing.
- Some ISC members are still marginalized; there is a need to ensure the engagement of all members.
- Some areas of science are not well covered by the ISC; the next Governing Board will work to improve the coverage of domains of science.

The Assembly noted the 2018–2021 Activity and Achievement Report.
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## **3. Governing Board election procedures**

ISC President Daya Reddy reminded the members about the procedure for Governing Board elections, stressing that voting guidelines had been sent by email to each member's voting delegate and that only that person had the right to vote. All members had been notified that the link for voting would be sent by email shortly before the election.

## **4. Adoption of 2022–2024 Action Plan**

ISC CEO Heide Hackmann presented the ISC's three-year Action Plan 'Science and Society in transition'.

Various members congratulated the ISC on the development of the strategy and highlighted that the plan represented a relevant driver for change by 2024.

A few specific suggestions were proposed for consideration, including:

- Changing 'equal' to 'equitable' in 'support the continued and equal development of science systems in all parts of the world' in order to put more emphasis on justice and fairness;
- Strengthening the responsibility of members to promote evidence-based policies in their national/regional spheres of influence; helping members deal with the challenges they face in science–policy interfaces;
- Enhancing the attention given to developing and strengthening science capacities around the globe;
- Elaborating the issue of freedom in science with additional topics, e.g. ethics of doing science;
- Enhancing the representation of young scientists in ISC activities and planning;

- Exploring opportunities for skill and capacity transfer between ISC members.

The 2022–2024 Action Plan was adopted by acclamation.

## 5. Closing of day

## Business Day 2 (14 October 2021)

### 6. Welcome to Business Day 2

The President welcomed the participants to the second business day of the General Assembly and briefly recapped the previous day's proceedings.

### 7. Election of Governing Board Officers

Voting delegates were requested to proceed to cast their votes for Governing Board Officers.

### 8. Report of the Ad Hoc Dues Committee

The Governing Board had been tasked with proposing a unified dues structure for the 2nd ISC GA. ISC Treasurer Renée van Kessel presented a report prepared by the Ad Hoc Dues Committee, with valued input from Andrew Cleland, former Chief Executive of ISC member the Royal Society Te Apārangi.

The Ad Hoc Dues Committee's study of the issues and consultation with the membership had led it to certain conclusions regarding how to advance towards a unified, fair dues structure. However, in view of the intention to expand ISC membership and the associated consequences for voting rights, the Committee recommended that a new dues structure be developed in tandem with the revision of the membership structure and voting rights.

The Assembly noted the report of the Ad Hoc Dues Committee.

### 9. Treasurer's report 2018-2021 and adoption of the 2022–2024 budget

ISC Treasurer Renée van Kessel presented her report.

The Assembly noted the impact of the COVID-19 pandemic on income and spending in 2021. Spending on governance and science activities was low due to travel restrictions and planned in-person meetings being moved online.

The slight increase in membership dues in arrears was noted.

The Treasurer's Report was adopted by acclamation.  
The Treasurer was discharged from any liability for the period of 2018-2021.

ISC President-elect Sir Peter Gluckman presented the indicative budget for the three-year period 2022–2024, with two scenarios with the same expenditure but different fundraising (no fundraising

for one scenario and a fundraising of 1.2m EUR for the other). Any drawdown on reserves would be used to finance new activities rather than core business of the ISC. Any successful fundraising would offset the drawdown on reserves. The actual budget is therefore expected to lie between the limits of the two scenarios presented.

The key risks in terms of finances were noted (reliance on continued support from the French government, over-reliance on membership dues). The President-elect thanked the French Government and the French Academy for their support.

It was noted that the externally funded research funding programmes (LIRA and T2S) were scheduled to end in 2022.

The draft 2022–2024 budget and the associated scale of annual dues to be paid by members for the relevant period were approved by electronic vote, which opened on Thursday, 14 October at 15:30 UTC and closed on Friday, 15 October at 05:00 am UTC. 194 votes were cast, with 81% voting in favour, 8% against, and 11% abstentions.

## **10. Announcement of elected Governing Board Officers**

The President announced the results of the election of the Governing Board Officers.

101 members (both Category 1 and Category 2, representing 86% of 118 members in good standing) voted for Officers.

The following Officers were elected by the General Assembly:

- Motoko Kotani, President-elect
- Sawako Shirahase (legal last name: Ishida), Vice-President for Finance
- Anne Husebekk, Vice-President for Freedom and Responsibility in Science
- Salim Abdool Karim, Vice-President for Outreach and Engagement

## **11. Election of Ordinary Members of the Governing Board**

Voting delegates were requested to proceed to cast their votes for Ordinary Members of the Governing Board.

## **12. Phase 2 of the Future of Scientific Publishing project**

The President invited Geoffrey Boulton, ISC Governing Board Member and chair of the Steering Group project, to provide a short introduction to the project.

The Assembly noted the proposed next steps, which aim to create consensus with other key actors in science for reform of scientific publishing.

An online Mentimeter survey was incorporated in the session with the aim to explore the potential for engagement and contributions from ISC membership. The results of the survey will be taken into consideration in the further development of phase II.

Amongst the comments and questions from Members, it was highlighted that true open access cannot be achieved as long as for-profit publishers control scientific publishing. In addition, concerns were raised with regard to the open access models which affect the financial basis of scientific societies. In this regard it was emphasized that members of the US National Academy of Sciences are exploring alternative business models to address this issue.

### **13. Announcement of new ISC Governing Board Members (Ordinary Members)**

ISC President Daya Reddy announced the results of the election of Ordinary Members of the Governing Board.

103 members (both Category 1 and Category 2, representing 87% of 118 members in good standing) voted for Ordinary Members.

The following Ordinary members were elected by the General Assembly:

- Karina Batthyány
- Françoise Baylis
- Geoffrey Boulton
- Melody Burkins
- Mei-hung Chiu
- Pamela Matson
- Helena Nader
- Walter Oyawa
- Maria Paradiso
- Martin Visbeck

### **14. Incoming presidential address by Sir Peter Gluckman**

Incoming President Sir Peter Gluckman thanked all those who were involved in creating the momentum that led to the merger between the two predecessor organizations, ICSU and the ISSC. He expressed gratitude to outgoing President Daya Reddy for his insightful leadership over the past three years, to the outgoing Governing Board, the Advisory Committees and Steering Groups for their critical contributions, and to the secretariat for their work and dedication.

He underlined the important steps that had been made towards achievement of ISC's mission to become an effective and truly representative global voice for science and acknowledged the perennial membership issues, including gaps in representation.

He stressed that for the ISC to become a stronger voice for science, more effort must be put into the relationship with the multilateral system, including the UN and its agencies, the Organization for Economic Co-operation and Development, the World Economic Forum and others. He praised the

work of the Steering Group led by Julia Marton-Lefevre on the development of an ISC strategy in the intergovernmental system.

He mentioned the need to strengthen relationships between science and policy-making, to embed science more deeply in society and to pay more attention to the relations between science and other types of knowledge. He highlighted the work of ISC affiliate INGSA in building understanding and capacities at these interfaces.

He recalled the ISC's broad range of engagements on sustainability challenges. He drew attention to the Global Forum of Funders and the recently launched report 'Unleashing science, delivering missions for sustainability'. He announced the establishment of a Commission chaired by Irina Bukova, former Director-General of UNESCO, and Ms Helen Clark, former Prime Minister of New Zealand and Administrator of the UN Development Programme. The Commission will be tasked with exploring how to implement and fund global science missions for sustainability. The final report is to be delivered at the Global Knowledge Dialogue that the ISC will host in Oman from 30 January to 3 February 2023.

He stressed the need to continue efforts to make science more inclusive and diverse and to raise funds to allow the ISC to fully address its mission.

*Note:* The video and full text of the address can be found at <https://council.science/current/news/conclusion-ga2021/>

## **Business Day 3 (15 October 2021)**

### **15. Welcome**

ISC President Daya Reddy welcomed the participants to the third business day of the General Assembly and briefly recapped the previous day's proceedings.

### **16. The Free and Responsible Conduct of Science in the 21st Century**

ISC President Daya Reddy handed over the chair for this item to Saths Cooper, Vice-Chair of the ISC Committee for Freedom and Responsibility in Science (CFRS). Saths Cooper thanked the writing group and the CFRS members who had produced the position paper.

Robin Grimes, CFRS member and chair of the project expert writing group, summarized key messages from the position paper and reminded the Assembly that the goal of the paper was to inform the ISC's understanding and application of the principle of Freedom and Responsibility in Science (ISC Statute 7) and to guide ISC members.

In the discussion it was recognized that ISC's positions may have repercussions on its members, which in some cases may have difficulty with putting forward statements in their country or region.

It was suggested that an executive summary be added to highlight the key messages and recommendations of the paper.

### **17. ISC Strategy in the Intergovernmental System**



ISC President Daya Reddy invited Julia Marton-Lefèvre, Chair of the Steering Group, to introduce the item. The brief of the Steering Group was to provide advice to the ISC on a strategy to work more closely with the intergovernmental system.

Julia Marton-Lefèvre highlighted the ambitious level of the recommendations and recognized that significant fundraising and management efforts would be needed to position the ISC as the key scientific partner for intergovernmental organizations.

It was recognized that the ISC has the reputation and gravitas to be the authority on science. There was support for the idea for ISC to become a registered body with all main UN agencies and to apply for the status of permanent observer to the United Nations.

ISC President-elect Sir Peter Gluckman saw the ISC's role as a broker between the multilateral system and the science system and underlined that the ISC cannot be expert in all domains.

Julia Marton-Lefèvre pointed to recommendation 13 as one of the most important, proposing that the ISC should raise recognition and profile of transdisciplinary science.

An online poll was put to the General Assembly to gauge the membership's support for the recommendations of the Steering Group.

The results of the poll indicated that a large majority of ISC Members were in favour of the ISC's ambition to position itself as the major mechanism for providing scientific advice to the intergovernmental system. 89% of Members voted 'Yes', 2% voted 'No', and 9% were not sure.

Peter Gluckman thanked the Steering Group for their enthusiastic, swift and decisive work in producing the draft report.

## **18. Adoption of resolutions**

Chair of the Resolutions Committee Anna Mauranen presented the Resolutions Committee's report.

The Resolutions Committee proposed two resolutions for adoption by ISC Members:

8. Resolution 1, on actioning the recommendations of the 'Draft Report on the ISC Strategy in the Intergovernmental System': <https://council.science/resolution1>
9. Resolution 2, on endorsing the 'Eight principles for reform of scientific publishing' and working together to achieve reform: <https://council.science/resolution2>.

The voting members then had until 12.00 pm UTC on 18 October 2021 to vote on the proposed resolutions.

The General Assembly adopted both resolutions.

- Resolution 1: 103.5 votes were cast, with 100.5 (97%) in favour and 3 abstentions.
- Resolution 2: 102.5 votes were cast, with 93.8 (92%) in favour and 4 abstentions.

## **19. Any other business**

No further matters were raised by the Assembly.

## **20. Outgoing Presidential address**

Outgoing ISC President Daya Reddy began by emphasizing the fundamental nature of the Statutes in capturing the vision, mission and values of the Council, and the central place of the principle of freedom and responsibility in science. He noted the increased urgency to achieve the SDGs and to make progress towards 1.5-degree goal, as well as the threats to science posed by misinformation and scientific nationalism.

He highlighted the importance of working towards a more inclusive membership and the need for building capacity so that all can engage effectively.

He thanked the outgoing Governing Board for their contributions and engagement; the secretariat, including the Regional Offices, for their commitment and dedication; and the ISC members for their support, ideas and commitment to the ISC.

He warmly congratulated the members of the new Governing Board on their election and expressed his confidence in the incoming president's leadership and in the new Governing Board.

He concluded by thanking the ISC Members for the trust placed in him and stated that it had been a singular privilege to serve the ISC in its inaugural three-year period.

He wished the International Science Council ever greater success in speaking for science and in ensuring the central place of science in making the world a better place.

*Note:* The video and full text of the address can be found at <https://council.science/current/news/conclusion-ga2021/>

## **21. Closing of the 2<sup>nd</sup> ISC General Assembly**

In his closing words, outgoing President Daya Reddy thanked the team at the secretariat and the conference organizers in South Africa (ConfSA) for the efficient and successful organization of the General Assembly. He thanked all for their contributions and their participation, in some cases at local times that were highly uncongenial.

The meeting was adjourned at 15:30 CEST.

First Name	Last Name	Country	Organization
Jörn	Achterberg	Germany	Deutsche Forschungsgemeinschaft (DFG, German Research Foundation)
Yun-Kang	Ahn	France	International Science Council
Suminori	Akiba	Japan	Science Council of Japan
Andrew	Allen	United Kingdom	Royal Society
Othman	Almashaqbeh	Jordan	
Orhan	Altan	Turkey	ISPRS
Suchith	Anand	United Kingdom	Committee on Data (CODATA)
Aurela	Anastasi	Albania	Academy of Sciences of Albania
Fredrikke	Andersen	Norway	Global Research Programme on Inequality (GRIP)
Christopher	Anderson	Australia	
Makoto	Ando	Japan	International Union of Radio Science (URSI)
Anna-Maria	Arabia	Australia	Australian Academy of Science
Salvatore	Aricò	France	International Science Council
Juan A.	Asenjo	Chile	Chilean Academy of Sciences
Sufyan	Aslam	Malaysia	Academy of Sciences Malaysia
Michael	Atchia	Mauritius	MAST
Canan	Atilgan	Turkey	Bilim Akademisi - Science Academy Turkey
Budeebazar	Avid	Mongolia	Mongolian academy of Sciences
Awang Bulgiba	Awang Mahmud	Malaysia	Academy of Sciences Malaysia
Giles	B. Sioen	Japan	Future Earth (FE)
Dominique	Babini	Argentina	Latin American Council of Social Sciences (CLACSO)
Neela	Badrie	Trinidad & Tobago	Caribbean Academy of Sciences
John	Baglin	United States	International Union of Materials Research Societies
Kathie	Bailey	United States	US National Academy of Sciences
Fernanda	Bajanca	France	Marie Curie Alumni Association (MCAA)
Aleksandra	Bajić	Bosnia & Herzegovina	Academy of Sciences and Arts of Republic of Srpska
Karina	Batthyany	Uruguay	CLACSO
Françoise	Baylis	Canada	Dalhousie University
David	Black	Australia	Australian Academy of Science
Tonya	Blowers	Italy	OWSD
Winfried E.h.	Blum	Austria	IUSS
Suzanne	Board	Canada	Soc Sci and Humanities Res Council of Canada
Gergely	Böhm	Hungary	Hungarian Academy of Sciences
Silvia	Borsacchi	Italy	CNR
Geoffrey	Boulton	United Kingdom	
Ernie	Boyko	Canada	Committee on Data (CODATA)
Ekanem	Braide	Nigeria	Nigerian Academy of Science
Tudor	Braniste	Moldova (Republic of)	Academy of Sciences of Moldova
Christopher	Brett	Portugal	International Union of Pure and Applied Chemistry
Wendy	Broadgate	Sweden	
Kristaps	Broks	Latvia	
Michelle	Bruce	Australia	AASSREC
Melody	Burkins	United States	
Burke	Burnett	United States	Pacific Science Association
Angela	Camacho	Colombia	Academia Colombiana de ciencias exactas, físicas y naturales

Bonnie C	Carroll	United States	World Data System (WDS)
David	Castle	Canada	World Data System (WDS)
Richard	Catlow	United Kingdom	The Royal Society
Marie-lise	Chanin	France	Academie des Sciences France
Brotati	Chattopadhyay	India	Indian National Science Academy, India
Yue-Gau	Chen	Blank	Academia Sinica
Mei-hung	Chiu	China: Taipei	IUPAC
Han Yu	Chiu	Blank	Future Earth
Steven	Chown	Australia	Australian Academy of Science
Andrew	Cleland	New Zealand	ISC
Miodrag	Čolić	Serbia	Serbian Academy of Sciences and Arts
Ilona	Concha Grabinger	Chile	International Union of Biochemistry and Molecular Biology
Ruth	Cooper	United Kingdom	The Royal Society
Saths	Cooper	South Africa	
Nicolas	CORNU THENARD	France	International Association of Legal Science
Irasema	Coronado	United States	International Political Science Association
Edoardo	Costantini	Italy	IUSS
Lourdes J	Cruz	Philippines	National Research Council of the PhilippinesPhilippines
Christophe	Cudennec	France	IAHS (IUGG)
Marcos	Cueto	Brazil	Division of History of Science and Technology (DHST)
Zenonas	Dabkevičius	Lithuania	Lithuanian Academy of Sciences
Najwa	Daghestani	Jordan	Islamic World Academy of Sciences (IAS)
Felix	Dakora	South Africa	
Anna	Davies	Ireland	
Manuel	De León	Spain	Spain
Arno	De Marchi	France	International Science Council
Chamika	De Silva	Sri Lanka	National Science Foundation, Sri Lanka
Mathieu	Denis	France	International Science Council
Wiparat	De-ong	Thailand	National Research Council of Thailand (NRCT)
Rabindra Prasad	Dhakal	Nepal	Nepal Academy of Science and Technology
Suresh Kumar	Dhungel	Nepal	Nepal Academy of Science and Technology
Maria Laura	Di Lorenzo	Italy	CNR
Mürsel	Doğrul	Turkey	TÜBA
Patricia	Doherty	United States	Scientific Committee on Solar-Terrestrial Physics (SCOSTEP)
Virginia	Dominguez	United States	World Anthropological Union
Changyong	Dou	China	International Society for Digital Earth
Victorien Tamègnon	Dougnon	Benin	Global Young Academy
Luke	Drury	Ireland	Royal Irish Academy
Pearl	Dykstra	Netherlands	
Shymaa	Enany	Egypt	
Jüri	Engelbrecht	Estonia	Estonian Academy of Sciences
Anna	Erdei	Hungary	Hungarian Academy of Sciences
Maria J.	Esteban	France	International Council for Industrial and Applied Mathematics (ICIAM)
Xavier	Estico	Seychelles	
Bapon	Fakhruddin	New Zealand	Integrated Research on Disaster Risk (IRDR)
Marta	Farsang	Canada	National Research Council of Canada

Alberto	Fernandez	Spain	Secretaría General de Investigación - Ministerio de Ciencia e Innovación - Spain
Walter	Fernández	Costa Rica	National Academy of Sciences of Costa Rica
Sirimali	Fernando	Sri Lanka	
Masresha	Fetene	United States	African Academy of Sciences
Ruth	Fincher	Australia	
Norman	Fleck	United Kingdom	IUTAM
Katalin	Fodor	Hungary	Hungarian Academy of Sciences
Nathalie	Fomproix	France	IUBS
Enrique	Forero	Colombia	Academia Colombiana de Ciencias Exactas, Físicas y Naturales
Terrence	Forrester	Jamaica	Terrence Forrester
Edgar	Franco	Guatemala	Academy of Medical, Physical and Natural Sciences
Gerlis	Fugmann	Iceland	International Arctic Science Committee (IASC)
Alberto	Gago	Peru	Academia Nacional de Ciencias, Perú
Franz	Gatzweiler	China	Urban Health & Well-being (UHWB)
Mayette	Geronimo	France	International Science Council
Mohsen	Ghafory-ashtiany	Iran	IRDR
Domenico	Giardini	Switzerland	ICSU
Irvy	Gledhill	South Africa	IUPAP
Peter	Gluckman	New Zealand	ISC
Jaqueline	Godoy Mesquita	Brazil	Brazilian Academy of Sciences
James	Goh	Singapore	IUPESM
Barbaros	Gönençgil	Turkey	International Geographical Union
Kevin	Govender	South Africa	International Astronomical Union
Johanna	Grabow	United Kingdom	Scientific Committee on Antarctic Research (SCAR)
Anna-Maria	Gramatté	Germany	Global Young Academy
Priscilla C	Grew	United States	International Union of Geodesy and Geophysics
Eoghan	Griffin	United Kingdom	Scientific Committee on Antarctic Research (SCAR)
Robin	Grimes	United Kingdom	Royal Society
Yanfeng	Gu	China	China Association for Science and Technology
Alexandra	Guenneç	France	International Science Council
Huadong	Guo	China	International Research Center of Big Data for Sustainable Development Goals
Angela M	Guzman H	Colombia	Colombian Academy of Exact, Physical and Natural Sciences (ACCEFYN)
Sepo	Hachigonta	South Africa	National Research Foundation, South Africa
Heide	Hackmann	France	International Science Council
Lena	Halounova	Czech Republic	ISPRS
Mark	Hamilton	United States	
Qunli	Han	China	Integrated Research on Disaster Risk (IRDR)
Sari	Hanafi	Lebanon	International Sociological Association
Jie	Hao	China	China Association for Science and Technology
David	Harel	Israel	Israel Academy of Sciences and Humanities
Shigeko	Haruyama	Japan	Science Council of Japan
Azhan	Hasan	Qatar	Future Earth
Takehiko	Hashimoto	Japan	IUHPST / DHST
Ines	Hassan	United Kingdom	International Science Council
Brent	Herbert-Copley	Canada	Social Sciences and Humanities Research Council of Canada

Dudi	Hidayat	Indonesia	National Research and Innovation Agency, Indonesia
John G.	Hildebrand	United States	US National Academy of Sciences
Yukio	Himiyama	Japan	IGU
Simon	Hodson	France	Committee on Data (CODATA)
Helge	Holden	Norway	The International Mathematical Union
Arlene	Hopkins	United States	Future Earth
John	Howell	Israel	International Commission for Optics
Ren	Huang	Blank	Academy of Sciences located in Taipei
Roula	Inglesi-lotz	South Africa	Global Young Academy
Atsushi	Iriki	Japan	International Council for Laboratory Animal Science
Alik	Ismail-Zadeh	Germany	
Shuichi	Iwata	Japan	Committee on Data (CODATA)
Raymond	Jagessar	Guyana	Caribbean Academy of Sciences
Catherine	Jami	France	International Union of History and Philosophy of Science and Technology
Aaron	Janofsky	France	
Saroj	Jayasinghe	Sri Lanka	National Science Foundation
Gensuo	Jia	China	Regional Committee for Asia and the Pacific
Sergio de Jesús	Jorge Pastrana	Barbados	Academia de Ciencias de Cuba
Gabriel	Kabanda	Zimbabwe	Professor Gabriel Kabanda
Ivars	Kalvins	Latvia	Ivars kalvins
David	Kaplan	France	ISC
Fumiko	KASUGA	Japan	Future Earth
Bugwesa	Katale	Tanzania, United Republic of	
Roslyn	Kemp	New Zealand	International Union of Immunological Societies (IUIS)
Yeadong	Kim	South Korea	Scientific Committee on Antarctic Research (SCAR)
Yoon Soo	Kim	South Korea	National Academy of Sciences, Rep. of Korea (South)
Yoon	Kim	South Korea	National Academy of Sciences, Rep. of Korea (South)
Donghyun	Kim	South Korea	
Angus	Kirkland	United Kingdom	International Federation of Societies for Microscopy
Hiroshi	Kitazato	Japan	IUGS
Kseniya	Kizilova	Austria	World Association for Public Opinion Research
Michael	Kleine	Austria	IUFRO
Raina	Klüppelberg	Germany	ISC
Junji	Koizumi	Japan	WAO
Chihaya	Koriyama	Japan	Science Council of Japan
Polina	Koroleva	Russian Federation	UNEP
Takashi	Kosaki	Japan	International Union of Soil Sciences
Motoko	Kotani	Japan	SCJ
Emma	Kowal	Australia	Society for Social Studies of Science
Melle	Kromhout	Netherlands	KNAW
Renata	Kuskowska	Poland	Polish Academy of Sciences
Rattan	Lal	United States	IUSS
Geoffroy	Lambrecht	Canada	National Research Council of Canada
Sam	Lanfranco	Canada	Society for the Advancement of Science in Africa (SASA)
Lang	Lang	China	Integrated Research on Disaster Risk (IRDR)

MARIO R.	LANZA SANTAMARIA	Honduras	NATIONAL ACADEMY OF SCIENCES OF HONDURAS
Ari	Laptev	Sweden	Royal Swedish Academy of Sciences (KVA)
Dan	Larhammar	Sweden	Royal Swedish Academy of Sciences
Kirsi	Latola	Finland	University of Arctic
Doo Sung	Lee	South Korea	The Korean Academy of Science and Technology (KAST)
Jisoon	Lee	South Korea	National Academy of Sciences, Republic of Korea
Byeong Gi	Lee	South Korea	National Academy of Science, Republic of Korea
Thomas	LeGrand	Canada	Thomas LeGrand
Lai Peng	Leong	Singapore	Singapore National Academy of Science
Jinghai	Li	China	
Fang	Lian	China	Integrated Research on Disaster Risk (IRDR)
James C.	Liao	Blank	
Sven	Lidin	Sweden	IUCr
Denise	Lievesley	United Kingdom	International Statistical Institute
Tit Meng	Lim	Singapore	Singapore National Academy of Science
Ying-hsuan	Lin	China: Taipei	Integrated Research on Disaster Risk (IRDR)
Yi-Chun	Lin	China: Taipei	Academic Sinica
Zhen	Liu	China	International Society for Digital Earth
Susana	Lizano	Mexico	Mexican Academy of Sciences
Rubén Camilo	Lois-González	Spain	IGU/UGI
Marta	Losada	United Arab Emirates	Academia Colombia de Ciencias Físicas y Naturales
Benedikt	Löwe	United Kingdom	IUHPST
Yonglong	Lu	China	Pacific Science Association
Yisha	Lu	China	China Association for Science and Technology
John	Ludden	United Kingdom	International Union of Geological Sciences
Mahesh Prasad	Madhukar	India	Indian Council of Social Science Research (ICSSR)
Zdenka	Mansfeldova	Czech Republic	Czech Academy of Sciences
Pam	Maras	United Kingdom	International Union of Psychological Science (IUPsyS)
Miklós	Maróth	Hungary	Eötvös Loránd Research Network
Belen	Martin Miguez	Switzerland	Global Climate Observing System (GCOS)
Ban	Masadeh	Jordan	Royal Scientific Society - Jordan
Pamela	Matson	United States	
Phethiwe	Matutu	South Africa	National Research Foundation, SA
Anna	Mauranen	Finland	The Council of Finnish Academies (CoFA)
Michael	Meadows	South Africa	International Geographical Union
Narinder	Mehra	India	Indian National Science Academy
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Kathy	Whaler	United Kingdom	International Union of Geodesy and Geophysics
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Dongmei	Yan	China	International Society for Digital Earth
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Yuanyuan	Zhang	China	China Association for Science and Technology
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Hector F.	Zuluaga	Colombia	



## Resolution One:

# Actioning the recommendations of the “Draft Report on the ISC Strategy in the Intergovernmental System”

ISC/GA-2/DOC.18.1

[For adoption]

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### RESOLUTION

The General Assembly recognizes the urgent need for science to have greater influence and impact on policy making and programming at all levels of governance.

We welcome the recommendations of the Council’s international Steering Group on the role of the ISC in the intergovernmental system. We also welcome the United Nations Secretary General’s intention to re-establish the Secretary General’s Scientific Advisory Board<sup>1</sup> and strongly endorse the ISC’s intention to engage actively in supporting its development and effective operation in order to fully integrate scientific evidence into international policy making.

The General Assembly requests the new Governing Board to respond to the Steering Group’s recommendations through the development of an action-oriented strategy that fully mobilizes the scientific and policy expertise of ISC members, partners and broader international networks.

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<sup>1</sup> See Our Common Agenda – Recommendation under Commitment 8 “Upgrade the United Nations:  
[https://www.un.org/en/content/common-agenda-report/assets/pdf/Common\\_Agenda\\_Report\\_English.pdf](https://www.un.org/en/content/common-agenda-report/assets/pdf/Common_Agenda_Report_English.pdf)



## Resolution Two:

# Endorsing the “Eight principles for reform of scientific publishing” and working together to achieve reform.

ISC/GA-2/DOC.18.2

[For adoption]

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### **PREAMBLE**

The International Science Council’s vision of science as a global public good envisages the scientific enterprise as globally inclusive and sensitive to diverse perspectives. Ideas, evidence and data must be disseminated widely, and be openly available for sceptical scrutiny, revision and use, through efficient and accessible publication systems. Widespread concern about systemic shortcomings in these priorities stimulated an ISC community debate that led to articulation of the principles set out in the ISC report “Opening the record of science: making scholarly publishing work for science in the digital era”<sup>1</sup>.

### **RESOLUTION**

This 2nd General Assembly of the International Science Council resolves to:

1. Endorse the principles below as a guiding framework for necessary reform of scientific publishing.
2. Work together to achieve reform.

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<sup>1</sup> <https://council.science/wp-content/uploads/2020/06/2020-02-19-Opening-the-record-of-science.pdf>

## **PRINCIPLES OF SCIENTIFIC PUBLISHING**

1. There should be universal open access to the record of science, both for authors and readers, with no barriers to participation, in particular those based on ability to pay, institutional privilege, language or geography.
2. Scientific publications should carry open licences that permit reuse and text and data mining.
3. Rigorous, timely and ongoing peer review must continue to play a key role in creating and maintaining the public record of science.
4. The data and observations on which a published truth claim is based should be concurrently accessible to scrutiny and supported by necessary metadata
5. The record of science should be maintained in such a way as to ensure open access by future generations.
6. Publication traditions and the bibliodiversity of different disciplines and regions should be respected, whilst recognizing the need for communication and interoperability in the shared enterprise of knowledge.
7. Publication systems should be so designed to continually adapt to new opportunities for beneficial change rather than embedding inflexible systems that inhibit change.
8. Governance of the processes of dissemination of scientific knowledge should be accountable to the scientific community.