



ISC 2021 Elections Committee

Candidates

The three-year term of the International Science Council's [Governing Board](#) comes to an end in October 2021, and members of the Council will be invited to elect a new Governing Board during the Second ISC General Assembly, which will be held on 11 – 15 October 2021.

According to the current [ISC Statutes and Rules of Procedure](#), an Elections Committee, which is chaired by the President and four *additional* members proposed by the Governing Board shall be responsible for advising on and managing the Governing Board nominations and election process.

The *additional* members will be elected by ISC Members from the list of candidates below during the [extraordinary General Assembly in February 2021](#).

The following candidates have been proposed by the ISC Governing Board to stand for election for the ISC 2021 Elections Committee.



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Alice Rangel de Paiva Abreu



Alice Abreu, Professor Emerita of the Federal University of Rio de Janeiro (UFRJ) in Brazil, PhD in Social Sciences from the University of São Paulo, Brazil (1980), and M.Sc. in Sociology from the London School of Economics and Political Science (LSE) of the University of London (1971), was a Full Professor of Sociology at the UFRJ for twenty-five years and has published extensively in sociology of work and gender as well as, more recently, on gender and science.

Since 1999, when she joined the National Research Council for Scientific and Technological Development (CNPq) of Brazil as Vice President and was responsible for the international cooperation in S&T, her career has been closely linked to science, technology and innovation policy. From 2002 to 2006, she was the Director of the Office of Education, Science and Technology of the Organization of American States, in Washington D.C., and organized the First Ministerial Meeting of S&T in the Americas, having organized four preparatory workshops congregating the best specialists in the region around central topics of S&T. Among the preparatory meetings, one in Gender Equity and Equality in Science and Technology brought together experts in gender and S&T.

Returning to Brazil, Prof. Abreu was the Director of the Regional Office for Latin America and the Caribbean of the International Council for Science (ICSU) from 2007 to 2011 and coordinated the production of four Science Plans for Latin America, on Biodiversity, Sustainable Energy, Natural Hazards and Mathematics Education. In 2012, she was appointed the Regional Coordinator of the Forum in Science, Technology and Innovation for Sustainable Development of the Rio+20 by ICSU: an event of universal science, one of the most important pre-events of the Rio+20 Conference.

More recently, Prof. Abreu was the Director of GenderInSITE from 2015 to 2017, a global initiative aimed at promoting the role of women in science, innovation, technology and engineering (SITE), and demonstrating how the application of a gender lens to SITE can lead to more equitable and sustainable development. She was part of the group of experts that published *Pathways to Success: Bringing a Gender Lens to the Scientific Leadership of Global Challenges* (2018) and the author of *Gender and Innovation: Implications for Sustainable Development*, a GenderInSITE Policy Brief (2020).

Prof. Abreu has been a member of several important boards and advisory committees of different institutions and projects: since 2010, the Board of the Gender Advisory Committee of the UNCSTD and the Vice-President of the Research Committee 23 Sociology of Science and Technology of the International Sociological Association; since 2017 the Steering Committee of GenderInSITE; from 2015 to 2017 the Advisory Committee of the STEM and Gender Advancement (SAGA) UNESCO project, that aimed at offering governments and policymakers a variety of tools to improve measurements and policies for gender equality in science, technology and innovation. In 2019/2020 she was member of the Emerging Science Partners Working Group of the Challenges for International Scientific Partnerships

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project of the American Academy of Arts and Sciences. She is the deputy representative of GenderInSITE at the Standing Committee for Gender Equality in Science.

Prof. Abreu has received relevant Awards and Honours such as the Ordem Nacional do Mérito Científico (Comendador) of Brazil in 2001; the Palmes Académiques (Officier), of the Ministère de la Jeunesse, de l'Éducation Nationale et de la Recherche. République Française, in 2003. She was awarded the Florestan Fernande Prize for Sociology in 2009 and the ANPOCS Award in Academic Excellence Antonio Flavio Pierucci Sociology in 2013. In February 2020 she received the Honorary Mention at the first edition of the "Carolina Bori Ciência & Mulher" Award of the Brazilian Society for the Advancement of Science.

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Carlos Henrique de Brito Cruz



Brito Cruz is the Senior Vice President, Research Networks, at Elsevier. He was a Professor at the Physics Institute, University of Campinas (Unicamp), Brazil until his retirement in 2020. He directed the Physics Institute at Unicamp, was the Vice-President for Research, President of the São Paulo Research Foundation (FAPESP) and the President of Unicamp. From 2005 to 2020 he was the Science Director at the São Paulo Research Foundation (FAPESP).

An experimental physicist, he has been a visiting researcher at the University of Rome, Université de Paris VI, and a resident visitor at AT&T Bell Laboratories.

Brito Cruz is a member of the Brazilian Academy of Sciences (ABC), Fellow of the American Association for the Advancement of Science (AAAS), and a Fellow of the American Physical Society (APS). He received the Order of the Scientific Merit (Brazil), Ordre des Palmes Académiques (France) and the Order of the British Empire (OBE).

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Cheryl de la Rey



Professor Cheryl de la Rey has served as Vice-Chancellor of the University of Canterbury since February 2019. In total Cheryl has about twenty years experience as an executive in higher education in South Africa having served in many positions such as Deputy Vice-Chancellor at the University of Cape Town, Executive Director of the National Research Foundation (NRF) and most recently the Vice-Chancellor and Principal of the University of Pretoria for nine years. She has a PhD in Psychology and she has published many chapters, edited books and journal articles in Social Psychology. She serves on many committees including the Association of Commonwealth Universities Council (ACU), the ACU's Regional Pacific Committee, the New Zealand Qualifications Authority and the Academic Quality for Universities New Zealand. Cheryl served as an Executive Board member of the International Council for Science (ICSU) from 2014 to 2018 and before that she served two terms as a member of ICSU's Committee on Scientific Planning and Review.

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GONG Ke



Prof. Dr. GONG Ke is current President of the World Federation of Engineering Organizations (WFEO), and he was the President of the Nankai University and Tianjin University, China. He chaired the international cooperation committee of the China, Association for Science and Technology (CAST) (2006 – 2016), which is a member of the ISC.

Prof. Dr. GONG Ke was born in 1955 in Beijing, China. After obtaining his Bachelor's Degree in Engineering from the Beijing Institute of Technology, he studied further at the Technical University of Graz, where he worked on radio wave propagation in satellite links and obtained his Doctor Degree of Technological Science in 1986.

From 1987 to 2006, he worked at the Tsinghua University, Beijing as a full professor in Electronic Engineering (1994), Head of the Department of Electronic Engineering (1997 – 1999), Director of the State Key Laboratory of Microwave and Digital Communication (1997 – 2004), Vice President (R&D) (1999 – 2006), as well as the Director of Chinese National Research Center for Information Science and Technology (2004 – 2006). He served as the President of Tianjin University from 2006 to 2011. He carried on as the President of Nankai University in 2011 and stepped down in 2018.

Prof. Dr. GONG Ke is an electronics engineer with expertise in information, communication technology, and more than 30 years experience in engineering education, research, and management.

Since 2009, he has dedicated himself to the WFEO activities and has made great contributions to the development of the WFEO with his efforts and experience. As the chairman of the China National Committee of the WFEO, he has organized and led Chinese engineers to actively participate in WFEO's activities and given full support to the WFEO's activities in China. He has also stressed the essential role of engineering and engineers in the United Nations' sustainable development agenda through his engagement in drafting relevant documents and his attendance in high-level forums of the UN.

He was one of the 26 members of the United Nations Secretary-General's Scientific Advisory Board. He has established strong bonds with the United Nations, other international organizations and industrial communities. More information on www.gongke.info and www.wfeo.org/gong_ke

“Serving as a member of the 2021 ISC Elections Committee, if elected, would provide a great opportunity for me to learn how the ISC ensures effective, equitable and inclusive representation of different fields of science in the organization, and to build closer collaborative partnership with the ISC to advance science as a global public common good, to promote free and responsible practice of science, and to accelerate the delivery of the UN 2030 SDGs with science as an important lever.” Prof. Dr. GONG Ke



Adam Habib



Adam Habib is an academic, researcher, activist, administrator, and well-known public intellectual.

A Professor of Political Science, Habib has over 30 years of academic, research and administration expertise, spanning six universities and multiple local and international institutions, boards and task teams. His professional involvement in institutions has always been defined by three distinct engagements: the contest of ideas, their translation into actionable initiatives, and the building of institutions.

Habib will begin his tenure as Director of the School of Oriental and African Studies (SOAS), University of London in January 2021. He is currently the Vice-Chancellor and Principal of the University of the Witwatersrand (Wits). He is a former Chair of Universities South Africa (USAF), which represents vice-chancellors and higher education in the country. In these roles, he has been working with the government, students and other stakeholders to find solutions to the recent wave of protests around funding for higher education. He has also focused on building African research excellence, and together with the University of Cape Town, Wits initiated the African Research Universities Alliance (ARUA).

Prior to joining Wits, Habib served as Deputy Vice-Chancellor for Research, Innovation, Library and Faculty Coordination at the University of Johannesburg (UJ). He was instrumental in transforming UJ following the nationwide mergers of tertiary institutions in 2005 and played a key role in increasing research output. He also served as Research Director on Governance and Democracy, and Executive Director at the Human Sciences Research Council (HSRC), an ISC Member. He held several academic and research posts at the University of Natal, including Professor in the School of Development Studies and Research Director of the Centre for Civil Society.

Habib holds qualifications in Political Science from three universities, including the University of Natal and Wits. He earned his masters and doctoral qualifications from the Graduate School of the City University of New York. Transformation, democracy and inclusive development are fundamental themes of his research. Habib's book *South Africa's Suspended Revolution: Hopes and Prospects*, has informed debates around the country's transition into democracy, as well as its prospects for inclusive development. His latest book, *Rebels and Rage: Reflecting on #FeesMustFall*, provides an insight into the recent student protests in South Africa from the position of a vice-chancellor and social scientist.

Habib's contributions resulted in his election to the American Academy of Arts and Sciences, in addition to serving as a fellow of both the African Academy of Science (AAS), an ISC Member and the Academy of Science of South Africa (ASSAf). He also currently serves on the Council of the United Nations University (UNU).

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Yuko Harayama



Dr. Yuko Harayama is an Executive Director charged of international affairs, promotion of early career researchers and diversity at RIKEN, Japan's largest research organization for basic and applied science. Prior to joining RIKEN, she spent five years at the Cabinet Office of Japan, as an Executive Member of the Council for Science, Technology and Innovation (CSTI). In this capacity, she represented Japan in different international science and technology meetings, including G7 Science and Technology Ministers' meeting. Prior to joining the CSTI, she spent two years at the Organisation for Economic Co-operation and Development (OECD) as the Deputy Director of the Directorate for Science, Technology and Industry (STI) and ten years at the Graduate School of Engineering of Tohoku University as a professor of Science and Technology Policy. Through her work, she has contributed to the promotion of science and technology nationally and internationally for a long period of time.

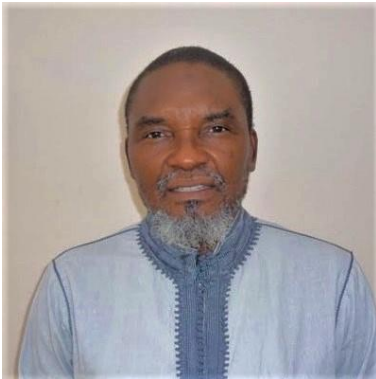
Her experience prior to Tohoku University includes being a Fellow at the Research Institute of Economy, Trade and Industry in Japan (RIETI) and an Assistant Professor in the Department of Political Economy at the University of Geneva. Ms. Harayama holds a Ph.D. in Education Sciences and a Ph.D. in Economics both from the University of Geneva. Her areas of expertise are Science, Technology and Innovation Policy and Higher Education studies.

She is a Legion D'Honneur recipient (Chevalier) and was awarded honorary doctorate from the University of Neuchâtel.

"My professional engagement has been and continues to be guided by the desire to serve science and technology and to support the next generation of researchers. With what we have experienced in 2020, my desire became my conviction. I am greatly interested to serve on the 2021 Elections Committee, if elected." Dr. Yuko Harayama



Mahouton Norbert Hounkonnou



Dr. Sc in 1992 from the Catholic University of Louvain in Belgium, Mahouton Norbert Hounkonnou is a full Professor of Mathematics and Physics at the University of Abomey-Calavi, Benin Republic.

His works deal with non-commutative and non-linear mathematics including differential equations, operator theory, coherent states, quantization techniques, orthogonal polynomials, special functions, graph theory, non-associative algebras, nonlinear systems, non-commutative field theories and geometric methods in Physics.

He authored and reviewed several books and refereed and served as an associate editor for renowned journals in mathematics and mathematical physics. He published over 200 main research papers in outstanding ISI-ranked peer reviewed journals and international conference proceedings in the fields of mathematics and mathematical physics.

Hounkonnou is a visiting professor at African, Asian, European and North American Universities. Together with his peers at the international level, he founded the International Chair in Mathematical Physics and Applications (ICMPA – UNESCO Chair) of the University of Abomey-Calavi where he created a multi-university master degree and PhD programmes in mathematics with connections, motivations or applications to physics, and in physics with important relations to mathematics. The best African students from over 13 French and English-speaking countries are selected to follow these graduate programs, which attract prominent and leading mathematicians and mathematical physicists worldwide who come to give lectures and supervise students research, what has substantially increased international collaboration with African, Asian, American, European and Indian mathematicians. The ICMPA-UNESCO Chair presently hosts the international conference and school series on Contemporary Problems in Mathematical Physics, which are held every two years and each year since 1999 and 2005, respectively. These activities have led to a significant network of researchers connected with the ICMPA-UNESCO Chair, that benefits from the resources available in mathematics and mathematical physics in Africa.

Professor Hounkonnou supervised 35 PhD and 38 M.Sc. students from various countries including Belgium, Benin, Burkina-Faso, Burundi, Cameroon, the Democratic Republic of Congo, Niger, Nigeria, Senegal, Togo and Zambia. He was awarded a series of recognitions for the excellency of his work such as the Prize of the Third World Academy of Sciences (TWAS) in 1996, the Tokyo University of Science President Award in 2015, and the 2016 World Academy of Sciences C.N.R. Rao Prize for Scientific Research "for his incisive work on noncommutative and nonlinear mathematics and his contributions to world-class mathematics education".

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He was a member of the UNESCO Scientific Board for International Basic Sciences Programme (IBSP), the NANUM 2014 Award Committee of the International Congress of Mathematicians (ICM 2014) as reviewer for region Africa, and member of the InterAcademy Partnership (IAP) working group on Harnessing Science, Engineering and Medicine to Address Africa's Challenges.

He is TWAS research Professor in Zambia, the chair of the African Academy of Sciences Commission on Pan-African Sciences Olympiad (since 2014), chair of the African Academy of Sciences Membership Advisory Committee (MAC) on Mathematical Sciences (since 2013).

Professor Hounkonnou is the co-chair of the network of African, European and Mediterranean Academies for Science Education (AEMASE III), the current President of the Network of African Science Academies (NASAC), and the current President of the Benin National Academy of Sciences, Arts and Letters.

His membership extends to the InterAcademy Partnership regional network board, the Global Council (GC) of InterAcademy Partnership Science Education Programme (IAP SEP), the International Association of Mathematical Physics, American Mathematical Society, London Mathematical Society, Society for Industrial and Applied Mathematics (SIAM), African Academy of Sciences (AAS), The World Academy of Sciences (TWAS), Scientific Council of the Centre International de Mathématiques Pures et Appliquées (CIMPA), Scientific Committee of the International Centre for Advanced Training and Research in Physics (CIFRA, Magurele-Bucharest, Romania), as well as other scientific organizations. Professor Hounkonnou is a Knight of the Benin National Order (Chevalier de l'Ordre National du Benin).

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Mobolaji Oladoyin Odubanjo



Dr Oladoyin Odubanjo is the Executive Secretary of the Nigerian Academy of Science (NAS), an ISC Member. He came to the Academy as a member of a team hired to drive a shift in the organization from simply performing an honorific role to providing service (in the form of science advice to government and others). Within two years of being hired he was promoted to the helm of affairs as Executive Secretary. He was charged with operationalizing a strategic plan for the Academy, hiring qualified staff, capacity building, creating an appropriate organizational structure, and ensuring sustainability. The effort of Dr Odubanjo and his team has led to an increasing visibility and impact of the Nigerian Academy of Science. He has initiated and led several projects with products that have become reference materials, winning several local and international grants. In providing science advice, the Academy has worked closely with the federal and state governments, as well as international entities.

Additionally, Dr Odubanjo chairs the Africa Chapter of the International Network for Government Science Advice (INGSA-Africa), which is a non-profit organization operating under the ISC. The Africa Chapter of INGSA (currently with headquarters in Pretoria, South Africa) was the first chapter to be formed and has built the capacity of over 1000 scientists and policymakers in the art of science advice.

Dr Odubanjo also chaired the Association of Public Health Physicians of Nigeria (Lagos Chapter) for four years (until 2018). Prior to that, as 1st Vice Chairman of the Association, he led a team from the Association that supported the government's effort to curtail the 2014 Ebola outbreak. Particularly, he was instrumental in making the Association a force to be reckoned in providing health education to the public. This is also felt now as AHPN Lagos has been at the forefront of educating the public on the COVID-19 pandemic, through the media. Dr Odubanjo is an Adviser to the Centre for Palliative Care Nigeria (CPCN), the foremost organization in the development of the field of Palliative Care in Nigeria. He is also on the Board of the West African office of The Conversation Africa.

Dr Odubanjo has collaborated with various academies, and even more with African academies and the Network of African Science Academies (NASAC) on diverse projects aimed at informing policy. He has also been a facilitator at training workshops for staff of African science academies on bridging the evidence to policy gap. He collaborates readily with the ISC, particularly the Regional Office for Africa, on several projects. He served on the Elections Committee that midwived the elections related to the merger of the ICSU and the ISSC.

Dr Odubanjo trained as a medical doctor at the University of Ibadan and has postgraduate qualifications in Child Health from the same university and the Institute of Child Health London.

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Päivi Pahta



Päivi Pahta, PhD., has been the Dean of the Faculty of Education and Culture at Tampere University since 1 Jan 2019, and Professor of English Philology in the same university since 2007. Prior to this she worked as Dean of the Faculty of Communication Sciences and Dean of the School of Language, Translation and Literary Studies at the former University of Tampere.

Her PhD is in English Philology, and she has worked as Research Fellow, Professor of English Language and Linguistics, and Research Professor of Multilingualism in four universities (Helsinki, Jyväskylä, Tampere, Wien). She has over 30 years' experience of working in various capacities in higher education communities and ambitious research organizations, including Centres of Excellence and multidisciplinary Institutes for Advanced Study. She has extensive international networks and is regularly involved in the organization and evaluation of international scholarly activities.

Pahta is member of the Finnish Academy of Science and Letters, and serves currently on its Election Committee for the Section of the Humanities. She is Board Member of The Emil Aaltonen Foundation (est. 1937), a private foundation supporting academic research in Finland by grants amounting to a total of c. 6 mill. € annually. She has been member of several other committees evaluating academic achievements for purposes of career promotion or funding. She is President of the Modern Language Society (est. 1887) and Editor-in-Chief of its scholarly journal *Neuphilologische Mitteilungen*. She is particularly keen on promoting Open Access publishing and Open Science policy, and is working towards them in various capacities and an academic leader and researcher.

As a researcher, Pahta's main areas of interest are related to how language is used in meaning-making practices in various social and communicative contexts where English is one of the languages used, with a specific focus on multilingualism; special languages, esp. scientific writing; and digitally-enhanced methodologies, esp. corpus linguistics. Her peer-reviewed publications include 20 books or edited collections and over 100 research articles. Her most important publications take a long-term historical or diachronic view on language practices. Recent international publications include *The Cambridge Handbook of English Historical Linguistics* (Cambridge University Press 2016), *Multilingual Practices in Language History: English and Beyond* (de Gruyter 2018), *Challenging the Myth of Monolingual Corpora* (Brill 2018) and *Corpus Approaches into World Englishes and Language Contrasts* (OA 2019).

She is currently PI of an Academy of Finland funded research consortium of Tampere and Helsinki Universities (2016 – 2020, Democratization, Mediatization and Language Practices in Britain, 1700 – 1950).



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Rémi Quirion



Professor Rémi Quirion is the inaugural Chief Scientist of Quebec since July 1st, 2011. A McGill Full Professor, Psychiatry and outgoing Scientific Director at the Douglas Mental Health University Institute. He served as Vice-Dean, Faculty of Medicine at McGill University, as well as Senior University Advisor (Health Sciences Research) in addition to being the Canadian Institutes of Health Research (CIHR) Executive Director, for Alzheimer's Diseases, from 2009 to 2011.

Under his leadership, the Douglas Research Centre became a premier research facility in Canada in the fields of neurosciences and mental health. Prof. Quirion promoted the development of neurosciences and clinical research in Neurology and Psychiatry as well as social and evaluation aspects of research in mental health and addiction. His research interests include: a) understanding the relationships between key phenotypes of the Alzheimer's brain and b) molecular and pharmacological features of neuropeptide receptors focusing on NPY and CGRP, and their role in memory, pain and drug dependence, and in animal models of schizophrenia. He trained over 20 PhD students and 50 PDF. In addition to being on the Advisory Board of over 15 journals in Psychiatry, Pharmacology, and Neurosciences, he has published five books, more than 650 scientific papers and articles, and over 25,000 citations and h index of 78.

Prof. Quirion was the inaugural Scientific Director of the Institute of Neurosciences, Mental Health and Addiction (INMHA) until March 2009. He received many awards and recognitions as: the Médaille de l'Assemblée nationale du Québec"; Fellow of the Royal Society of Canada; "Chevalier" of the "Ordre national du Québec"; Wilder-Penfield Award"; the Dr. Mary V. Seeman Award and was appointed Fellow of the Canadian Academy of Health Sciences. In 2007, Prof. Quirion became a Member of the Order of Canada (O.C.).

"I am very keen to serve and to help the ISC as an elected member of the Elections Committee. Over the years, I had multiple interactions with the ISC and earlier organizations as founding member & currently vice-chair of INGSA, as well as long time member of the governing council of Future Earth. Leaders at the ISC have helped and supported me over the years. It is now time for me to give back to the organisation."
Rémi Quirion

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Flavia Schlegel



Dr Flavia Schlegel has a distinguished international career, which includes positions as a Science Diplomat in Washington DC, the USA and Shanghai, China.

At UNESCO, Dr Schlegel held the position of Assistant Director General for the Natural Sciences sector. During her tenure, 2014 – 2019, she oversaw UNESCO's response to multilateral development agendas such as the 2030 Agenda or the Paris Agreement. In Shanghai, Dr Schlegel established swissnex China – the Swiss house for science, technology, innovation and culture – a trans-disciplinary institution supported by public and private funding.

She also served as Vice-Director at the Swiss Federal Office of Public Health, responsible for pandemic preparation, prevention of communicable and non-communicable diseases and bioethics.

From April 2019 to December 2020, Dr Schlegel served as the International Science Council's first Special Envoy for Science in Global Policy. Current mandates in a senior advisory role include science engagement for I-DAIR, the recently created International Digital Health & Artificial Intelligence Research Collaborative (a follow up initiative to the UN High Level Panel on Digital Cooperation), SDG alignment of a multilateral development bank and support to the COVID-19 task force of the Swiss Federal Office of Public Health.

Her areas of expertise are public health, international science cooperation for sustainable development and multi actor governance. She benefits from a global network covering science/science-policy interface/science diplomacy, governmental and non-governmental organizations and the private sector.

Dr Schlegel holds a Medical Doctorate and a Master's Degree in Organizational Development

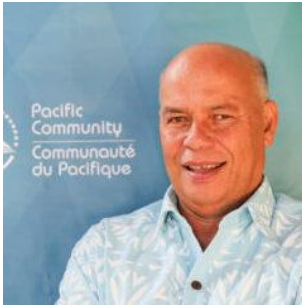
"I had the privilege to support the ISC as its first Special Envoy for Science in Global Policy. This mandate ended in December 2020. Serving on the Elections Committee would give me the chance to contribute to the next phase of the ISC governance towards consolidation of the organization after the merger in 2018. I'd like to offer my experience, energy and time to prepare the nomination process for the ISC Governing Board to the best of my knowledge. It would be one of my priorities to ensure that the diversity of the ISC global membership, which sets the organization apart from other science organizations, will be reflected in the selection of candidates. No compromise should be made in terms of excellence of the candidates and their contribution to science as a global public good." Flavia Schlegel



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Colin Tukuitonga



Dr Colin Tukuitonga has served as Pacific Community (SPC) Director-General since January 2014 and is based at the organization's headquarters in Noumea, New Caledonia. He is currently a member of the ISC Committee for Science Planning (CSP).

He is the inaugural Associate Dean Pacific and Associate Professor of Public Health at the Faculty of Medical and Health Sciences University of Auckland. The role includes promoting science and evidence in policy making and encouraging students into the sciences

Dr Tukuitonga, from the Pacific island of Niue, was formerly the Director of SPC's Public Health Division. He was a member of an Independent External Review of SPC in 2012. His previous roles include: Chief Executive Officer of the New Zealand Government's Ministry of Pacific Island Affairs; Associate Professor of Public Health and Head of Pacific and International Health at the University of Auckland; Director of Public Health, New Zealand Ministry of Health; and Head of Surveillance and Prevention of Chronic Non-Communicable Diseases at the World Health Organization, Switzerland.

Dr Tukuitonga has also served in various leadership and management roles, including at the Fiji School of Medicine, the Auckland District Health Board, Northern Regional Health Authority (Auckland), University of Auckland and the Health Research Council of New Zealand. He is a former Board member of the Pacific Cooperation Foundation.

Additionally, Dr Tukuitonga was a commissioner for the World Health Organization (WHO) global Commission on Ending Childhood Obesity from 2014 until its work concluded in early 2016.

Dr Tukuitonga is a Founding Member of the Niue Arts and Culture Festival, Pacific Language Weeks in New Zealand, and of the Leadership Development Programme for Pacific civil servants in New Zealand. He is a member of the Pacific Research panel for the Performance-Based Research Fund 2018 Quality Evaluation.

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Vaughan Turekian



Dr. Vaughan C. Turekian has been the Executive Director of the Policy and Global Affairs Division of the National Academies of Sciences, Engineering, and Medicine since May 2018. Dr. Turekian is currently serving a joint appointment as Senior Director of the Program on Science and Technology for Sustainability (STS), a program within PGA for which he was hired August of 2017. Prior to joining the STS program, Dr. Turekian served as the fifth Science and Technology Advisor to the U.S. Secretary of State. In this capacity, he advised the Secretary of State and other senior State Department officials on international environment, science, technology, and health matters affecting the foreign policy of the United States. From 2016 to 2017, he served as a country co-chair, along with the Kenyan Ambassador to the United Nations, for the Multi-stakeholder Forum on Science, Technology, and Innovation for the Sustainable Development Goals, a high-level discussion at the United Nations designed to accelerate progress toward globally agreed upon development targets. In 2018, Dr. Turekian was appointed by the U.N. Secretary General as one of the ten international members to promote the role of science, technology, and innovation for achieving for the 17 SDGs.

Dr. Turekian drew upon his background in atmospheric chemistry and extensive policy experience to promote science, technology, and engineering as integral components of U.S. diplomacy. Previously, he was Chief International Officer for the American Association for the Advancement of Science (AAAS) and the Director of AAAS's Center for Science Diplomacy (2006 – 2015). In this capacity, he worked to build bridges between nations based on shared scientific goals, placing special emphasis on regions where traditional political relationships are strained or do not exist. As Editor-in-Chief of Science & Diplomacy, an online quarterly publication, he published original policy pieces that have served to inform international science policy recommendations. In addition, Dr. Turekian worked at the State Department as a Special Assistant and Advisor to the Under Secretary for Global Affairs (2002 – 2006) on issues related to sustainable development, climate change, environment, energy, science, technology, and health. He also served as Program Director for the Committee on Global Change Research at the National Research Council (2000 – 2002), where he was study director for a White House report on climate change science.

Dr. Turekian holds a B.S. in Geology and Geophysics and International Studies from Yale University and a M.S. and Ph.D. from the University of Virginia where he focused on the transport and chemistry of atmospheric aerosols in marine environments. Dr. Turekian not only brings both technical expertise and over 15 years of policy experience to the position, but also a decorated track-record and steadfast commitment to utilizing our nation's capital science and technology innovation to advance the long-term sustainability and U.S. diplomacy.

"I am honored to be considered as a member of the nominating committee. Over the past two decades, I have been committed to the critical importance of international science cooperation as central to

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efforts to address some of the greatest global challenges. I have been particularly honored to be engaged in efforts to ensure the inclusion of science, social science and technology in the critical role of achieving the UN Sustainable Development Goals. ISC leadership will be critical in this effort, and new leadership in ISC will be at the forefront of efforts to ensure that policy makers have access to information and evidence to make sound decision. Further, ISC has a central role in ensuring that science from all parts of the world are integrated into such deliberations. The response and recovery to COVID-19, makes such efforts both more challenging and more important, especially as we look at the critical need to promote an equitable recovery both within and across borders I hope that by serving as a member of the Election Committee, I can work with colleagues to help identify the types of leadership that can help the ISC in this critical mission.” Dr. Vaughan Turekian

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Jaime Urrutia-Fucugauchi



Jaime Urrutia-Fucugauchi is a Professor of Geophysics at the National University of Mexico (UNAM) and holds a PhD from the School of Physics, University of Newcastle upon Tyne, England, as well as an MSc and Bachelor's degrees from UNAM and a Post-doc from the University of Michigan, USA. He is the Director of the Chicxulub Institute of Advanced Studies at UNAM, as well as member and Governing Board member of the UNAM Foundation and Colegio Nacional.

His research interests include Earth System, paleomagnetism, tectonics, geophysical exploration, paleoclimates and impact craters. Jaime conducts studies on Chicxulub impact, mass extinctions and planetary systems and has published more than 250 papers on the subjects, edited 20 special volumes in journals and co-edited *Extreme Natural Hazards and Extreme Events* Cambridge University Press and American Geophysical Union books. He has created a laboratory network of Paleomagnetism, Nuclear Geophysics, Magnetic Properties, Radiocarbon Dating, Drill Core Analysis and Seismic Processing and has been a thesis advisor for more than 100 students.

He served as American Geophysical Union (AGU) International Secretary and President of the Mexican Academy of Sciences (an ISC Member), the Mexican Physics Society, the Mexican Geophysical Union, the Mexican Quaternary Studies Union and the College of Geophysical Engineers. In addition, he served as Board member of the American Institute of Physics, American Geophysical Union, Inter-Academy Council, Inter-Academy Network Science Academies and International Year Planet Earth. He is a member of the Nominating Committee of the American Geosciences Institute, AGU Governance Committee and International Union Geodesy and Geophysics, as well as committee member of the AGU Joint Assemblies, European Geosciences Union Merida Humboldt Conference, EGU GIFT Workshops, EHANS Natural Disasters Symposium, AGU Earth Space Science Presidents' Convocation, AGU Future Task Force and Geosciences Global Initiative. He is current President of the Federation Scientific Societies of Mexico.

Jaime has conducted collaborative projects in many countries, including the United States, United Kingdom, Japan, Spain, Canada, Brazil, Chile, Argentina, Venezuela, Cuba, El Salvador, Uruguay, France, Germany, Italy, India, Morocco and Thailand, with support from the Consejo Nacional de Ciencia y Tecnología (Conacyt) Mexico, US National Science Foundation, European Science Foundation, National Environmental Research Council, ConTex, ICDP, UC-MEXUS, National Geographics, Mombusho Japan, VW Foundation, and other funding agencies.

He is active in outreach and science communication, coordinated the Chicxulub Science Museum in Yucatan and the Chicxulub and Dinosaur Extinction Exhibition Maya World Museum, and is a member of the science advisory council for the President of Mexico. He received the National Journalism Prize and Quo-discovery distinction.

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Jaime is an Associate editor for Quaternary Research, Geologica Acta, History of Geo and Space Sciences, Journal of Geophysical Research, Bulletin Geological Society of America, Revista de Ciencias Geologicas, Geofisica Internacional, Boletin Sociedad Geologica Mexicana, and Ingeniera Petrolera.

Lastly, Jaime is a Fellow of the TWAS Academy of Sciences, Geological Society of America, Mexican Academy of Sciences, Academy of Engineering, Royal Astronomical Society and Academia Europaea. He has received various recognitions, such as the National Science Medal, AGU International Award, LatinMag Valencio Award, Universidad Nacional Award, Mexican Academy of Sciences Award, Bárcena Award Mexican Geophysical Union, Potosí Award and American States Organization Noriega Award.

“I have participated in nomination committees, including for the Mexican Academy of Sciences, American Geophysical Union, International Union of Geodesy and Geophysics, American Geosciences Institute, and I greatly acknowledge the invitation to participate as a candidate for membership of the ISC Elections Committee and to contribute to the activities and programs of the International Science Council. This is a critical and important time for the ISC following the merger of ICSU and ISSC and the ISC Governing Board plays a crucial role. As Past President of the Mexican Academy of Sciences and council member of the Inter-American Network of Academies of Science, I participated during the merger of ICSU and ISSC and followed the development, importance and potential of the new organization. The ISC provides enhanced capacities, scientific expertise and resources, linking the natural and social sciences into the largest scientific organization. Past participation in governance and nominating committees for international organizations, scientific societies, universities and research centers have permitted me to gain experience and appreciation of the task. The need to consider the different aspects involved, the organization, mission, vision, values, action programme, activities, requirements and potential, and the inclusiveness, gender and international perspective. The Governing Board plays a major role for the ISC, bringing the scientific and strategic leadership for the organization.” Jaime Urrutia-Fucugauchi

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Ewine van Dishoeck



Ewine van Dishoeck is professor of molecular astrophysics at Leiden University, the Netherlands. Graduated from Leiden in 1984, she held positions at Harvard University, Princeton University and Caltech University before returning to Leiden in 1990. The work of her group innovatively unites the world of chemistry with that of physics and astronomy. She has been heavily involved in planning major new telescopes, and has been fortunate to receive many awards, including the 2018 Kavli Prize for Astrophysics, the 2015 Albert Einstein World Award of Science, and the 2018 James Craig Watson Medal of the National Academy of Sciences. She is a Member or Foreign Associate of several academies, including that of the Netherlands, USA, Germany and Norway.

Since 2007, she is the scientific director of the Netherlands Research School for Astronomy (NOVA). From 2018 – 2021, van Dishoeck serves as the President of the International Astronomical Union (IAU), an ISC Member, the worldwide organization of professional astronomers. Van Dishoeck has a passion for outreach to the general public and a special interest in art and astronomy.

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Hebe Vessuri



Hebe Vessuri, a social anthropologist (D.Phil.Oxon.), taught social studies of science and technology in numerous universities between 1966 and 2013, including Dalhousie University, Halifax, N.S.; Victoria University (Vancouver Island), and Simon Fraser University, Vancouver (Canada); National University of Tucumán (Argentina); Central University of Venezuela, Caracas (Venezuela); State University of Campinas, Campinas (Brazil); Universidad Nacional Autónoma de México (Mexico), but the major period was spent at the Venezuelan Institute of Scientific Research in Caracas, leaving in 2010 as an Emeritus Professor.

She is currently collaborating researcher of the Centro de Investigaciones en Geografía Ambiental (CIGA-UNAM, Mexico), visiting lecturer in Argentine universities, and lives in Buenos Aires. She has contributed to the emergence and consolidation of the field of social studies of science and technology in Latin America. Her research focus is on science in world peripheries, with emphasis in the Latin American region, the dilemmas of participation/social exclusion and expert knowledge, and the interface between higher education, scientific research and autochthonous or traditional knowledge.

Hebe was awarded the 2017 Houssay Prize to the Trajectory in the field of Human Sciences, from the Ministry of Education, Culture, Science and Technology, Buenos Aires, and the John D. Bernal 2017 Prize to Distinguished Contribution, from the Society for the Social Study of Science (4S) Boston. She has belonged to the Council of United Nations University in Tokyo in 2004-2010; was Vice-President of the UNESCO Committee on Ethics of Science and Technology (COMEST), and belonged to several scientific committees of international programs, such as the ICSU Planning and Review Committee, IHDP of ISSC, INTECH-UNU, IRGC.

She is or has been associated to the editorial boards of several international journals like *Science, Technology & Society; Industry & Higher Education; Interciencia; Redes*, and has been general editor of *Educación Superior y Sociedad*, published by UNESCO- IESALC. Author of more than three hundred scientific works, among her books are Vessuri H & M Kuhn (eds.). *The global social science world – under and beyond ‘Western’ universalism*. Ibidem, Stuttgart (2016); Vessuri & Canino (eds.) *La otra, el mismo*. *Mujeres en la ciencia y la tecnología en Venezuela*. Caracas. Editorial El perro y la rana (2016); Kuhn & Vessuri (eds.) *Some Contributions to Alternative Concepts of Knowledge*. Ibidem, Stuttgart (2016); Vessuri & Bocco (eds.) *Conocimiento, Paisaje y Territorio. Procesos de cambio individual y colectivo*. UNPA, -CIGA/UNAM, CENPAT / CONICET, UNRN, Rio Gallegos (2016); Kreimer, Vessuri, Velho & Arellano (eds.) *“Perspectivas latinoamericanas en el estudio social de la Ciencia, la Tecnología”*. Editorial Siglo XXI, México (2014); Vessuri *Igualdad y jerarquía en Antajé*. IDES/ Editorial Al Margen, Buenos Aires (2011); Vessuri *“O inventamos o erramos”*. *La ciencia como idea-fuerza en América Latina*, Universidad Nacional de Quilmes (2010); Vessuri *Conocimiento, Desarrollo y Ambiente (Reflexiones)*, Ediciones Ministerio del Poder Popular para la Ciencia y la Tecnología, Caracas (2008); Vessuri & Teichler (eds.) *Universities as*

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