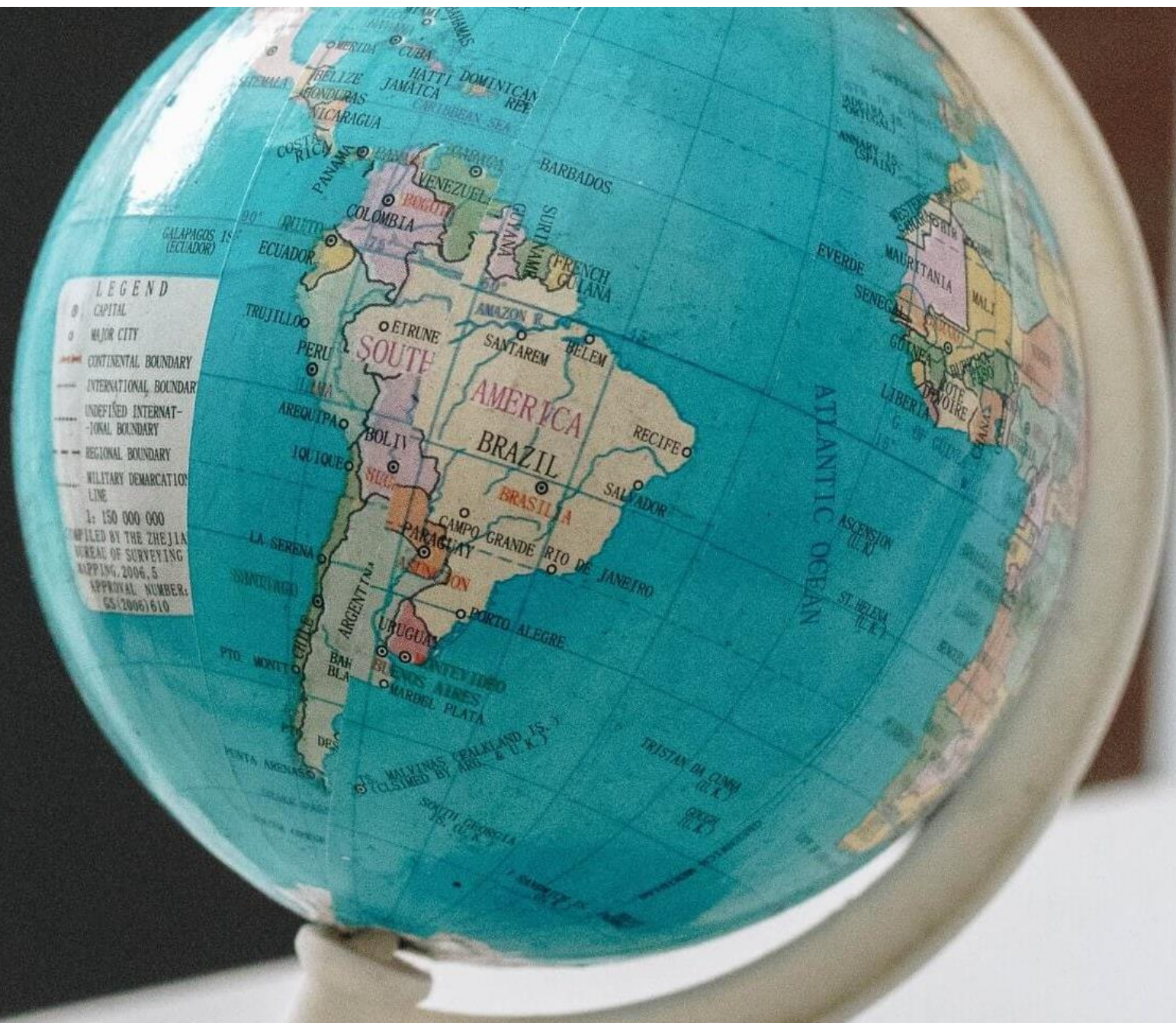




**International
Science Council**

The global voice for science



The ISC [membership](#) provides the foundation for its work. Through its activities, the ISC aims to create opportunities for its Members to participate in important scientific conversations and activities, to showcase their scientific contributions at the international level, and to connect to each other and to influential networks worldwide.

Regional Focal Points

In order to deepen the Council's engagement with its Members and with individual scientists across the world, the ISC is in the process of establishing a number of Regional Focal Points.

REGIONAL FOCAL POINT FOR LATIN AMERICA AND THE CARIBBEAN



About Us

Regional Focal Point for Latin America and the Caribbean

Based at the Colombian Academy of Exact, Physical and Natural Sciences, the regional focal point convenes the scientific community in Latin America and the Caribbean and acts as a hub for ISC Members and activities in the region.



The regional focal point works with ISC Members in Latin America and the Caribbean to ensure



Photo by benjli, via
Wikimedia Commons

Latin America and the Caribbean

Find out more.



Photo by Beks, via
Unsplash

Africa

*More information
coming soon.*



Photo by Hari Krishnan,
via Wikimedia Commons

Asia-Pacific

*More information
coming soon.*

Based at the Colombian Academy of Exact, Physical and Natural Sciences, the Regional Focal Point convenes the scientific community in Latin America and the Caribbean and acts as a hub for ISC Members and activities in the región.



**International
Science Council**

CHAIR, ISC RFP-LAC

Botanist, Ph-D. Biology.

Honorary Member and former President of the
Colombian Academy of Exact, Physical and Natural
Sciences (2013-2022)

Member of the Council, United Nations University

Member, Executive Committee, IANAS

Member, Technical Advisory Committee, COMSATS

ISC RFP-LAC Science Officer

- Ph.D. in **Biophysics**; MSc in Biotechnology and Nanotechnology. Postdoctoral studies in Microbiology, Protein Crystallography, Biochemistry, Molecular / Cellular / Structural Biology, Photochemistry and Bioinformatics. Scholarships in Brazil from TWAS, CNPq, CAPES, FAPESP and from the Center for Biomembrane Research at Stockholm University.



Carolina Santacruz-Pérez

Members in Latin America and the Caribbean

Science Academies:

Bolivia
Brasil
Caribbean Academy
Chile
Colombia
Costa Rica
Cuba
Rep. Dominicana
Guatemala
Honduras
México
Perú

Additional Members:

Associação Nacional de Pós-Graduação e Pesquisa em
Ciências Sociais (ANPOCS)
CONICET de Argentina
CONICYT de Uruguay
Viceministerio de CT de El Salvador
FLACSO
CLACSO
Scientific Research Council, Jamaica
COMECSO – Consejo Mexicano de Estudios en Ciencias
Sociales
Universidad de Panamá



**International
Science Council**

Regional Focal Point- LAC - ISC Liaison Committee



Adelle Thomas (Bahamas)

- Senior Fellow of the **Climate Change** Adaptation and Resilience Research Centre at University of The Bahamas and Caribbean Science Lead with Climate Analytics.
- **Human-environment geographer** (research focused on adaptation, loss and damage and vulnerability of Small Island Developing States (SIDS) to climate change).
- She has worked for over fifteen years on intersections between climate change adaptation, disaster risk management and sustainable development.
- She has authored a variety of academic publications.
- Served as a Lead Author on several Intergovernmental Panel on Climate Change (IPCC) reports including the Special Report on Global Warming of 1.5C, the Fifth Assessment Report and the Sixth Assessment Report, focusing on key risks across regions and sectors, limits to adaptation, loss and damage.





Dora-Luz Flores (Mexico)

- **Computer engineer** and professor in the Department of Bioengineering at the Universidad Autónoma de Baja California (UABC), Ensenada, Mexico.
- MSc from Instituto Politécnico Nacional and her PhD from UABC.
- Member of the Sistema Nacional de Investigadores and heads the Bionanoengineering research group.
- Currently Coordinator of Research and Graduate education at UABC
- She is editor-in-chief of the Mexican Journal of Biomedical Engineering 2022-2023.
- In 2018, she received a Fulbright-García Robles scholarship to carry out a research project at the University of California Irvine.
- She has served as an organizer in more than ten Mexican and international conferences, including CLAIB, MICAI, and CNIB.
- 30 peer-reviewed manuscripts and six book chapters. Her current research interest focuses on **artificial intelligence** applied to biological systems, simulation of complex systems, computational biology, and agent-based systems.



Carmen Samayoa

(Guatemala)

- Graduated in Biological Chemistry with a Masters in **Toxicology**.
- Occupied positions as President of the Academy of Medical, Physical and Natural Sciences of Guatemala and President of the Quality Commission of CONCYT.
- Membership and titles: Board of Directors of the College of Pharmacists and Chemists of Guatemala, founding member of the Association of Women in Science, Board of Directors of the Caribbean Scientific Community, Executive Committee and Focal Point of the Women for Science Program of the Network of Academies of America and the Regional Committee of the International Commission for Science.
- She was in charge of evaluating research projects of the General Directory of Investigation of the San Carlos University (DIGI) and the National Council of Science and Technology (CONCYT).
- As a researcher at the Central American Institute for Research and Industrial Technology, she has written 85 publications, as author and as co-author in international scientific publications.



Graciela Diaz de Delgado (Venezuela)

- **Chemistry** at Universidad de Los Andes (ULA) in Mérida, Ph.D. in Chemistry at Brandeis University, Massachusetts, USA (1983-1988).
- Full Professor since 2002 at the Crystallography Laboratory at ULA.
- She has been Chair of the Crystallography Laboratory, Chair of the Interdisciplinary Graduate Program in Applied Chemistry, and Director of Graduate Studies at the Faculty of Sciences.
- She has more than 70 publications in peer-reviewed and indexed journals and numerous presentations in national and international congresses.
- Member of the American Crystallographic Association (ACA), the International Centre for Diffraction Data (ICDD), the American Chemical Society (ACS), a founding member of the Venezuelan Society of Crystallography and of the Latin American Crystallographic Association.
- Serves in the Executive Committee and as Chair of the Sub-committee on the Union Calendar of the International Union of Crystallography (IUCr), the Board of Directors of ICDD, and is Section Editor of Acta Crystallographica E.

Luisa Echeverria-King

(Colombia)

- PhD in **Education** from Universidad de Murcia (Spain); researcher at Corporación Universitaria del Caribe (CECAR) in Colombia. She studied Translation, Linguistics and Cultural Studies at the Johannes Gutenberg Universität Mainz, Germany.
- She is Vice-President of the Colombian National Chapter of the Organization for Women in Science in the Developing World from UNESCO (OWSD).
- Fellow of the Warsaw School of **Science Diplomacy** and the Brazilian School of Science and Innovation Diplomacy. DAAD fellow for a course on Management of Internationalization, MASHAV fellow on a course on New Pedagogies for Higher Education. Fellow of the American Association for the Advancement of Science and of the World Academy of Sciences for a course on Science Diplomacy with a perspective on Southern countries.
- Executive Director of Diplocientifica.
- Researcher on issues related to international higher education, science diplomacy and the development of science, technology and innovation capacities in Latin America.
- She undertakes consultancies and projects at the interface of science, diplomacy and public policy. Course on Science Diplomacy in India (2020).



German Gutierrez

(Colombia)

- Psychologist from the Universidad Nacional de Colombia (UNC). Masters and Ph.D. degrees in Psychobiology and Behavioral Neurosciences from the University of Texas at Austin, USA.
- President of the **International Union of Psychological Science**.
- Professor and director of the Laboratory of Animal Learning and Behavior at UNC.
- President of the Colombian Association of Psychology Departments and Faculties,
- Vice-President of the Colombian College of Psychologists.
- Associate Dean for Research.
- Chair of the Department of Psychology at UNC.
- President and Treasurer of the International Society for Comparative Psychology.
- He has organized multiple capacity-building activities leading to the creation of the Observatory of Psychology in Latin America.



Ana Rada (Bolivia)

- Bachelor's Degree in Biochemistry and Pharmacy (Universidad Mayor de San Andrés, UMSA. La Paz – Bolivia).
- Masters Degree in **Public Health** with a major in **Epidemiology**. She works at the Cytogenetics Unit, Genetics Institute, Medicine School UMSA, professor, assistant professor and guest professor in several national and international courses.
- Member of the National Academy of Sciences – Bolivia (ANC).
- TWAS Fellow of The World Academy of Sciences for the advancement of science in developing countries, Focal Point for Bolivia in the Women for Science program of the InterAmerican Network of Science Academies (IANAS),
- Member of the Latin American Network of Biological Dosimetry.
- Member of the Organization for Women in Science for the Developing World.
- Member of the Bolivian Genetics Society.



Elisa Reis (Brasil)

- Chair of the Interdisciplinary Research Network for the Study of Social Inequality (NIED).
- She was **Vice-President of the International Social Science Council (ISSC)**.
- Ph.D. in **Political Science** from the Massachusetts Institute of Technology.
- Fellow member of the Brazilian Academy of Sciences.
- Fellow member of the World Academy of Sciences (TWAS).
- Professor of Political Sociology at the Federal University of Rio de Janeiro (UFRJ).
- Scholarships from the Brazilian National Research Council (CNPq.), the Research Council of the State of Rio de Janeiro (FAPERJ), The Fulbright Commission, the Italian Consiglio Nazionale delle Ricerche.
- Visiting professor at the University of California at San Diego, Columbia University, MIT, and the Ludwig Maximilians Universitat, Munich.
- She was Vice-President of the Brazilian Academy of Sciences, Secretary of the Brazilian Sociological Society (SBS), and President of the National Association for the Social Sciences (ANPOCS).



Daniel Peluffo (Uruguay)



- PhD in **Biochemistry**, Univ. of Buenos Aires, Argentina and a Postdoc in Biophysics/Electrophysiology, Univ. of Pennsylvania, USA.
- Full Professor of **Biophysics**, Director of the Group of Biophysical Chemistry, and Adjunct Associate Professor, Department of Pharmacology, Physiology and Neuroscience, Rutgers Biomedical and Health Sciences, New Jersey Medical School, Rutgers, The State University of New Jersey, USA.
- Chair of the Department of Biological Sciences, Centro Universitario Regional Litoral Norte (CENUR North Riverside), Salto Campus, Universidad de la República (Uruguay).
- President, Latin American Federation of Biophysical Societies (LAFéBS); Delegate on behalf of Uruguay, Asociación de Universidades del Grupo Montevideo (AUGM, International Association integrated by Universities of Argentina, Bolivia, Brazil, Chile, Paraguay and Uruguay).
- Counselor, Scientific Council for the Biology Area Program for the Development of the Basic Sciences (PEDECIBA, Ministry of Education and Culture, Uruguayan Government).
- Member, National System of Investigators (SNI, Uruguay), US Biophysical Society.



Silvina Ponce

(Argentina)

- PhD in **Physics** from the Universidad de Buenos Aires (1988). Full Professor, University of Buenos Aires (UBA). She is a Superior Researcher, Argentinian National Research Council (CONICET) and President Designate, International Union of Pure and Applied Physics (IUPAP).
- Faculty representative on the Executive Council of the School of Sciences of UBA; Senior Associate, International Centre for Theoretical Physics (ICTP) of Trieste, Italy. Associate Member, ICTP-SAIFR, Sao Paulo, Brazil.
- Member of the Advisory Board of the National Program for Gender Equality of the Ministry of Science of Argentina.
- She is Divisional Associate Editor for Physical Review Letters and Associate Editor, Editorial Board of Biophysics for Frontiers.
- She was Chair (2005-2009) of the Physics Department, UBA and in charge of its outreach activities (2010-2016). She occupied positions on various advisory committees.
- She was Chair (2011-2014) of the IUPAP Working Group on Women in Physics, IUPAP Gender Champion (2017-2019) and member of the **Executive Committee of the ICSU-funded Gender Gap in Science Project**.

Luis Sobrevia (Chile)

- BSc in Biology and Natural Sciences, MSc in Physiological Sciences, PhD in **Physiology and Medical Sciences**, postdoctoral training in vascular physiology at King's College London, University of London (UK). Diploma in Teaching from the Pontificia Universidad Católica de Chile (PUC).
- Fellow of The Physiological Society (UK) (FTPS), a Fellow of the Academy of Physiology of the International Union of Physiological Sciences (FIUPS),
- Member of the Academy of Sciences of Latin America (ACAL).
- Professor of Molecular Physiology and Medicine at the Faculty of Medicine at PUC, Honorary Professor at University of Queensland (Australia), Universidad de Sevilla (Spain), and São Paulo State University (UNESP, Brazil), Distinguished Research Professor at TecSalud, Tecnológico de Monterrey (Mexico), Visiting Professor at the University of Groningen (The Netherlands).
- Director of the Cellular and Molecular Physiology Laboratory (CMPL) at PUC, Executive Editor and member of the editorial board of several scientific/medical journals, IUPS Representative to Americas, immediate past-President of the Chilean Society of Physiological Sciences (2021-2023) and President of the Latin-American Association of Physiological Societies (ALACF) (until 2023).





Carolina Santacruz-Perez



Academia Colombiana de Ciencias



Enrique Forero



Silvina Ponce Dawson



elisareis



Luis Sobrevia



Salvatore Arico



Daniel Peluffo-CENUR Salto Uy



Mathieu Denis, ISC



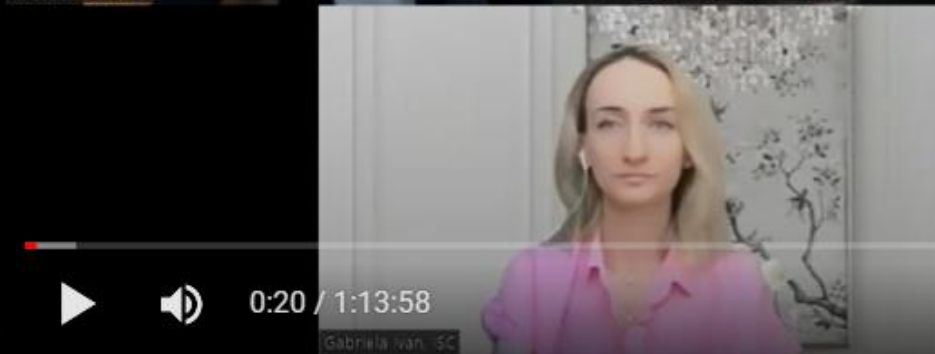
LUISA F. ECHEVERRIA-KING



Graciela Díaz de Delgado



Ana Rada



Gabriela Ivan, ISC



Dora-Luz Flores



Adelle Thomas



OUTREACH AND ENGAGEMENT





IANAS GENERAL ASSEMBLY
Cordoba, Argentina, September 19 to 21, 2022

**III INTERNACIONAL CONGRESS ON SCIENCE AND
EDUCATION FOR DEVELOPMENT AND PEACE**
Bogotá, 22 – 24 de febrero de 2023

UN OFFICE FOR DISASTER RISK REDUCTION
UNDRR
(Regional Office for the Americas and the Caribbean)

**INTERNATIONAL UNION OF BASIC AND CLINICAL
PHARMACOLOGY – IUPHAR**



Año internacional de las
ciencias básicas para
el desarrollo sostenible
en Colombia 2022

Academia punto focal

La Academia Colombiana de Ciencias Exactas, Físicas y Naturales es el punto focal de la celebración del Año Internacional de las Ciencias Básicas para el Desarrollo Sostenible- IYBSSD22. Esta celebración se enfocará en los vínculos entre las ciencias básicas y los objetivos de desarrollo sostenible



Enrique Forero
Academia Colombiana
de Ciencias Exactas,
Físicas y Naturales.



Horacio Torres
Academia Colombiana
de Ciencias Exactas,
Físicas y Naturales.



Ana María Groot
Academia Colombiana
de Ciencias Exactas,
Físicas y Naturales.



Carlos Diez
Academia Joven



Yuley Cardona
Academia Joven



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ACADEMIA COLOMBIANA
DE CIENCIAS EXACTAS,
FÍSICAS Y NATURALES



Año internacional de las
**ciencias básicas para
el desarrollo sostenible**
en Colombia 2022



IYBSSD2022

Año Internacional
de las Ciencias Básicas
para el Desarrollo Sostenible

<https://www.iybssd2022.org/>

<https://iybssd2022-colombia.accefyn.com/>

iybssd2022-colombia@accefyn.org.co

**INGSA LATIN AMERICA AND THE CARIBBEAN
ACADEMY OF SCIENCES OF LATIN AMERICA
ORGANIZATION OF IBERO-AMERICAN STATES
OEI**

**ENGAGING YOUNG ACADEMIES AND
ASSOCIATIONS TO JOIN THE ISC**



Año internacional de las
ciencias básicas para
el desarrollo sostenible
en Colombia 2022

Academia punto focal

La Academia Colombiana de Ciencias Exactas, Físicas y Naturales es el punto focal de la celebración del Año Internacional de las Ciencias Básicas para el Desarrollo Sostenible- IYBSSD22. Esta celebración se enfocará en los vínculos entre las ciencias básicas y los objetivos de desarrollo sostenible



Carlos Diez
Academia Joven



Yuley Cardona
Academia Joven



Yolima Álvarez
Academia Joven



Karen Corredor
Academia Joven



Esperanza Guerra
Academia Colombiana
de Ciencias Exactas,
Físicas y Naturales.

Colombian Young Academy

**FIRST FACE-TO-FACE MEETING OF THE
RFP-LAC LIAISON COMMITTEE
Santo Domingo, Dominican Republic
March 30 – 31, April 1, 2023**

- a) Workshop Science Integration in Latin America and the Caribbean (1 day)**
- b) Liaison Committee meeting (2 days)**

Workshop: Science Integration in Latin America and the Caribbean



Liaison Committee meeting



Main tasks identified by the Liaison Committee members:

Building and leveraging the ISC Fellowship.

Fundraising.

Addressing gaps in membership.

Engaging our members more directly in UN-related activities.

Determining and delivering on Action Plan priorities and identifying emerging opportunities.

- a) The public value of science, including disinformation.*
- b) Scientific publishing-related matters*
- c) Issues related to freedom and responsibility in science*
- d) Science education*

Building the profile of the ISC as the global voice for science

Vision

The RFP-LAC-ISC will act as a reference point for science in Latin America and the Caribbean, leading regional initiatives on topics related to sustainable development and contributing to decision making at the regional and global levels based on pertinent scientific evidence.

Mission

The RFP-LAC-ISC has as its mission to be the consultative body and the regional voice of science, promoting research and facilitating collaboration among the scientific community in the region and the world. Our objective is to support capacity building and to promote inclusion and diversity in science and technology throughout the region. We work closely with the civil society, governments, international organizations, and the private sector to identify regional needs and opportunities in key issues for our countries.

We are committed to the principles of freedom, responsibility and ethics in science, equity and inclusion, interdisciplinarity and regional and global integration.

ISC RFP-LAC Action Plan



1. LAC sciences in the search for regional and global sustainability
2. Interdisciplinary collaboration in the digital age
3. Science for policy, and science advice
4. Collaboration between Academia, public and private sectors, and civil society
5. Science Education and the strengthening of scientific and research infrastructure in the LAC region.



ACADEMIA COLOMBIANA
DE CIENCIAS EXACTAS,
FÍSICAS Y NATURALES



**International
Science Council**

Regional Focal Point for Latin America and the Caribbean

<https://council.science/about-us/latin-america-and-caribbean/>

enrique.forero@council.science

carolina.santacruz@council.science



**International
Science Council**

Regional Focal Point for Latin America and the Caribbean

MUCHAS GRACIAS

THANK YOU