



PANAMÁ 21-22 JUNIO 2023





Capacity Building



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- Kim Portmess, STeP Coordinator
- Anne-Teresa Birthwright, STeP Fellow
- María Inés Carabajal, STeP Fellow
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- Andrea Chavez, Consultant

Capacity Building Report: Outline

1. Science, Technology and Policy (**STeP**) Fellowship Program.
2. Educational Partnerships for Innovation in Communities (**EPIC**) Program.
3. IAI Regional Landscape & Opportunities Analysis for the **Wellcome Trust**.
4. Past Global Changes (**PAGES**) - IAI collaboration.
5. Drought Information System for Southern South America (**SISSA**) project.
6. Capacity Building Fundraising Efforts.
7. Science Diplomacy Center (**SDC**).
8. Science Diplomacy Center (**SDC**) Side Event CoP 31 (21 June 2023).

Science, Technology, and Policy (STeP) Fellowship Program

- Expansion of the cohort to a total of **66 Fellows from 14 countries**,
23 males and 43 females
> 40 different advanced degrees/disciplines
30 public (executive and legislative branches)
and private host institutions.
- The 2023-2024 program: **45 active fellows**
 - Leadership
 - Science Communication
 - Science Diplomacy



14 Participating Countries

- Argentina
- Barbados
- Bolivia
- Brazil
- Canada
- Colombia
- Chile
- Jamaica
- Mexico
- Panama
- Peru
- Trinidad & Tobago
- Uruguay
- USA



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Science Technology and Policy (STeP) Fellowship Program

STeP Professional Development Highlights

- Leadership in Science Diplomacy Workshop.
- Journal of Science Policy & Governance Special Issue: June 26, 2023.
- Fundraising Efforts.



Plans for 2023-2024 Intersessional Period

- Orientation & Training topics.
- Mentorship Program.
- Quarterly Supervisor Meetings.



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The EPIC Model in LAC: Linking knowledge with practice Educational Partnership for Innovation in Communities (EPIC)

- EPIC regional assessment of universities and communities in LAC lled by the **IAI** funded by UNEP, EPIC in 2022.
- Scoping exercise in Mexico and the Caribbean, Andean/Amazon, Southern Cone, Brazil.
- Mian Results:
 1. Stakeholder and institutional mapping.
 2. Over **370** institutions and individuals identified
 3. Strategy document with key recommendations.
- Today: **20** academic institutions ready
- **Ten (10)** grants to university-community/city partnerships
 - a. Partnership with **14** cities in 2023.

IAI facilitator, build and support network or networks

2023 EPIC-LAC granted small start-up funding

University Partnership
Universidad Veracruzana / Cordoba City Council and Córdoba-UNAM-UV
Universidad Autónoma Metropolitana / Ejidos (Commons) of San José Huilango and San Francisco Tepojaco, Cuautitlán Izcalli
University of Guadalajara CUCEA – Municipal Government of Zapopan and Cocula, Jalisco
University of Colima, Apiarian Committee of Colima, Government of the State of Colima
University of Chile
PUCP – Legal Environmental Clinics/ School of Law, Pontificia Catholic University of Peru
Escuela Superior Politécnica del Litoral/ Manglaralto Parrish
Universidade do Estado de Mato Grosso UNEMAT / Nova Xavantina
Universidade Federal de Minas Gerais; Town Hall of Belo Horizonte
Pontificia Universidade Católica do Paraná PUCPR / Community of Vila Torres

Wellcome Trust Consultancy

The IAI led the project, “**Latin America and the Caribbean regional landscape and opportunities analysis**”

IAI WORK:

- IAI successful effort to consult LAC communities on CEH priorities, gaps, needs, recommendations.
- Convening power of the IAI to mobilize communities: stakeholders working in research, policy, funding, in health in LAC and to communicate needs of an emerging sector - Health.
- IAI identify funders and opportunities for LAC policy and research communities and align them with ongoing work in the region.



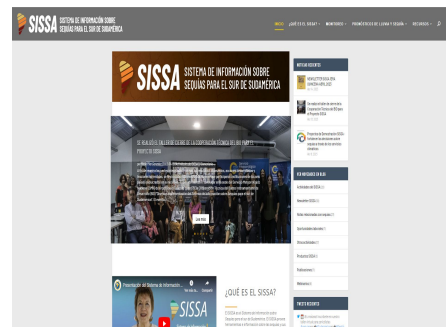
- **51** national and regional interviews.
- Participants from over **20** countries from academia, government, policy, NGOs, civil society.
- **122** funding organizations and institutions located in the Americas Region.

SISSA

SISTEMA DE INFORMACIÓN SOBRE SEQUÍAS PARA EL SUR DE SUDAMÉRICA



La Plata Basin Countries: Argentina, Bolivia, Brazil, Chile, Paraguay, Uruguay



Main outcomes:

1. Implementation of SISSA IT Platform: <http://sissa.crc-sas.org>
2. Probabilistic Estimation of Drought Risks and Impacts in Southern South America (tools and methodologies).
3. Implementation of a crop simulation model based on synthetic climate series.
4. National technical reports identifying activities to reduce impacts.
5. Regional political dialogue to promote the implementation of national policies for drought management and planning at the national level.
6. Economic valuation of the impacts of dry events on soybean cultivation in Uruguay and Argentina.



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Financiado por la Unión Europea



International Mobility Research Fellowship Program for Latin American and Caribbean early-career scientists on Past Global Changes



Contribute to the development of collaborative research and the promotion of paleoscience networks in Latin America and the Caribbean



IAI- PAGES WEBINAR
30 MARCH 2023
>70 ATTENDEES
>200 REGISTRANTS

Two cohorts of fellows

2022: 5 fellows (Arg, Bolivia, Brazil, Guatemala)

2023: 5 fellows (Arg, Brazil, Colombia, Peru)

Host Institutions

2022: 1 Argentina 1 Chile, 3 Mexico

2023: 1 Argentina, 2 Brazil, 1 Mexico, 1 Uruguay



Call for Applications 2023-2024 / Deadline: 18 August 2023

<https://www.iai.int/en/post/detail/International-Mobility-Research-Fellowship-Program-for-Latin-American-and-Caribbean-early-career-scientists-on-past-global-changes>

Ongoing funding efforts for Capacity Building



1. Scoping Study and Regional Consultation on Climate-sensitive Infectious Diseases and Health Outcome for **Canada's IDRC**.
1. Proposal development to IAI Parties and Partners for the Science Diplomacy Center and requests for services for science diplomacy training (GRC).
1. Collaboration for future joint proposals on Science Diplomacy and MOU renewals with the **American Association for Advancement of Science (AAAS)**.
1. STeP proposal development to **Frontiers of Knowledge Awards BBVA Foundation**.
1. STeP proposal submitted to **Gordon and Betty Moore Foundation** in coordination with Smithsonian Tropical Research Institute (**STRI**).
1. Collaboration with **EPIC-N** proposal for **National Science Foundation**.

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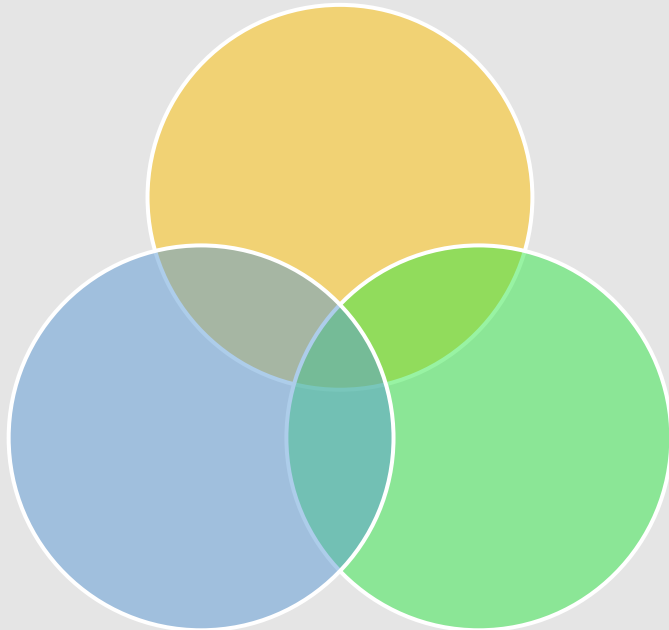


The IAI Science Diplomacy Center (SDC)

A regional initiative to foster Science-Policy Dialogue and Collaboration for a peaceful, prosperous and sustainable Americas

Pillars

Capacity Building



*Science Diplomacy
Knowledge Hub*

*Convener on
Emerging Issues*

Vision: The Science Diplomacy Center shall contribute to the maintenance of a peaceful and sustainable Americas through innovative transdisciplinary collaborations to address the region's shared challenges and safeguard the livelihoods and well-being of future generations and the planet.

Mission: The Center shall enhance the capacity of Parties (IAI member states) to meet the objectives of the IAI Strategic Plan and the Sustainable Development Goals by strengthening the interface between science and policy, establishing a science diplomacy knowledge hub, and developing open, just, and equitable programs and activities for the Americas to meet the challenges of global change.

The Science Diplomacy Center (SDC) - Background

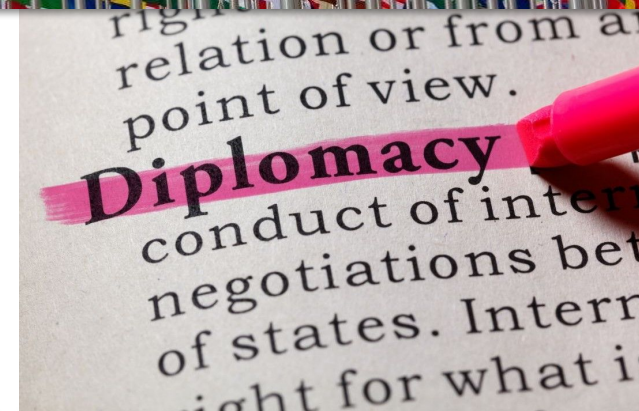
Seated in the heart of the Americas for 30 years, the IAI has excelled in:

- Fostering international and regional cooperation in science
- Establishing diverse scientific networks on global environmental change research (GEC)
- Expanding transboundary and transdisciplinary research networks
- Supporting capacity-building efforts – investing in generations of GEC scientists

Yet, major challenges persist.

The state of the science-policy interface in the Americas, particularly in Latin America and the Caribbean, such as:

- Institutional and professional capacities
- Fragmented governance mechanism and lack of effective science-policy instruments
- Limited resources (human, financial, technological etc.)
- Challenges that no single Nation can address alone (Multilateralism)

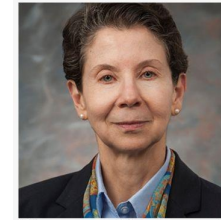


The Science Diplomacy Center (SDC)

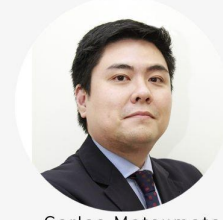
COP 30 Decision: XXX/9. The Directorate is instructed to establish a steering committee, with the participation of Parties, the SAC and the SPAC, Associates, and experts on science diplomacy, to assist in and advise on the design and development of the IAI Center for Science Diplomacy and its programs and activities.

The SDC steering committee/advisory board is composed of 11 professionals:

- 4 IAI Parties (Brazil, Chile, Costa Rica, USA)
- 1 Associate (AAAS)
- 2 members of the IAI SAC and SPAC (Canada, Dominican Republic)
- 4 experts in science diplomacy (Brazil, USA, Switzerland)



Carmen Claramunt,
Ministry of Foreign
Affairs, Costa Rica



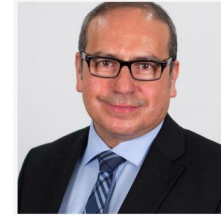
Carlos Matsumoto,
International
Cooperation, Ministry
of Science and
Technology, Brazil



Maria Uhle, NSF,
USA



Marcelo Mena, former
Minister of the
Environment of Chile,
Chile



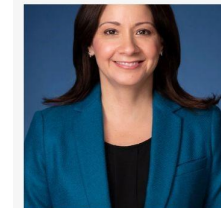
Javier Gracia-Garza,
IAI SAC/SPAC
Canada



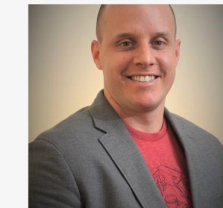
Carol Franco, IAI SAC/SPAC,
Dominican Republic/ USA



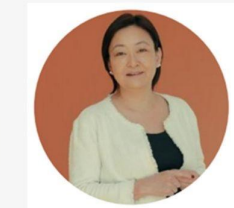
Kimberly Montgomery
AAAS, USA



Frances Colon,
International Climate
Center for American
Progress, Puerto
Rico/USA



Nathan Hotelling,
National Institutes
of Health, USA



Janina Onuki,
University of São
Paulo, Brazil



Marga Gual Soler,
Geneva Science and
Diplomacy Anticipator
(GESDA), Switzerland

The Science Diplomacy Center (SDC)

COP 30 Decision: XXX/8. The Parties are encouraged to participate in the training and education activities of the IAI Center for Science Diplomacy as lecturers or instructors with a view to providing participants with experience in and knowledge about the science-to-policy interface related to global environmental change.

Proposed Activities for the SDC

- **Introduction to Science Diplomacy:** To develop effective governance mechanisms for science diplomacy by strengthening science in policy, and priority areas for the Americas
- **Negotiation Best Practices:** To strengthen new/emerging generation of negotiators to understand the mechanics of the negotiating process within several multilateral frameworks, (eg. the UNFCCC, CBD, G-20, etc)
- **A Science Diplomacy Knowledge Hub:** A platform where countries can access training, information, regional case studies, scientific literature, policy papers, and national science diplomacy strategies, among others to foster knowledge sharing across borders.
- **Convene webinars, conferences, and workshops:** Convene relevant communities to promote collaboration, networks and dialogue between scientists and decision-makers in the Americas on emerging issues

Development of training materials on science diplomacy related to global environmental change in the Americas

A consortium led by the University of São Paulo (USP) entitled *Americas Science Diplomacy Initiative (ADSI)*

Objective:

Develop training materials to enhance the capacity of professionals and institutions across the Americas to better understand and practice science diplomacy.



The Science Diplomacy Center (SDC)

A regional initiative to foster Science-Policy Dialogue and Collaboration for a peaceful, prosperous and sustainable Americas

The SDC will:

- Foster a supportive environment for government officials, experts, and advisors.
- Strengthen institutional, professional capacities in countries, in the region.
- Contribute to the development of national and regional science diplomacy strategies, programs, and effective public policies.
- Support the next generation of science advisors, and policy makers.

Fundraising Efforts

- Investment by Parties to initiate the Center's flagship activities over the next 3 years. Negotiation with Parties to provide financial and in-kind contributions to the SDC and its activities.
- Partnership with IAI Associate (AAAS) to develop joint proposals for conference participation and science diplomacy training activities.
- Partnerships with other collaborators to develop synergies in Science Diplomacy

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The Science Diplomacy Center (SDC)

Summary Output from Side Event (DAY 1) for the SDC's 3-year plan.

Capacity Building in Science Diplomacy

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Summary Output from Side Event (DAY 1) for the SDC's 3-year plan.

Emerging Issues and Science Diplomacy Knowledge Hub

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Presentation by STeP Fellows

Science Diplomacy Leadership Statement

<https://youtu.be/xKqiPBvzsOY>

