



IAI's activities involving researchers and stakeholders in United States, and future opportunities for the country.



UNITED STATES

TRAINING

Climate, Environment, and Health Responders in the Americas 2022	141 participants
Course on Climate, Environment and Health for the Americas 2022	1 participant
Pan American Climate Resilient Health Systems Course 2023	205 participants
Regional training workshop: Climate, Environment and Health for the Americas (in person), San Martín de los Andes, Argentina	2 participants

FELLOWSHIPS

STeP Fellowship

17 fellows (1 at Department of State office of Mexican affairs, 1 at University of Texas, 1 at Texas Transportation Institute, 1 at NISF Office of advanced manufacturing, 4 at National Science Foundation, 5 at AAAS STPF, 1 at Duke University, 2 at U.S. Agency for International Development, 1 at NASA)

SCIENCE DIPLOMACY CENTER

The Science Diplomacy Center (SDC) is a regional initiative to foster dialogue and collaboration on science and policy for a peaceful, prosperous, and sustainable Americas, with a focus on capacity development through multinational collaboration and diplomacy, science communication, training, and a science diplomacy knowledge hub.

ASSOCIATES OF THE INSTITUTE

Center for International Earth Science Information Network (CIESIN), Columbia University

COMMITTEES

- **Member of the IAI's Executive Council 2023 – 2025**
- **Maria Uhle**, member of the Advisory Board of the Center for Science Diplomacy, Focal Point, and IAI Executive Council Chair
- **Kimberly Montgomery**, member of the Advisory Board of the Center for Science Diplomacy
- **Frances Cólón**, member of the Advisory Board of the Center for Science Diplomacy
- **Nathan Hotaling**, member of the Advisory Board of the Center for Science Diplomacy

SPECIAL PROJECTS

- Transdisciplinary Science Curriculum, Training Materials and Content on Global Environmental Change in the Americas (California State University, Long Beach)
- Capacity Building: Science Diplomacy STeP Forum
- Special issue of Journal of Science Policy and Governance Article: Environmental Justice Across the Lithium Supply Chain: A Role for Science Diplomacy?



Forums and number of participants

STeP Science Diplomacy Project Forum	19
AWS Program for Cloud-Based Solutions Addressing Health Inequalities (in partnership with Amazon Web Services)	13
Academic best practices: how to be a reviewer and editor of a scientific journal (in partnership with PLOS Climate)	7
Social media workshop - eliciting re(actions) on global change (in partnership with Latinoamérica 21)	8
Where to invest and how to create climate-sensitive models to prevent infectious diseases (in partnership with Wellcome Trust)	24
Networks on past global change research in Latin America and the Caribbean (in partnership with PAGES - Past Global Changes)	13
From data to action: using science for sustainable development in Mexico (in partnership with Colegio de la Frontera Norte and CICESE)	6
Publishing scientific articles - an editor's perspective (in partnership with PLOS Climate)	13
6th IPCC report - Water security and anticipatory governance for resilient communities (in alliance with SARAS Institute, ANDEX, University of São Paulo, CEAZA, Mountain Research Initiative)	2
Key messages from the IPCC AR6 for the UNFCCC COP27 (in partnership with CONICET, ESPOL, EPOMEX Institute, and Latinoamérica 21)	5
6th IPCC report - Science communication to tackle global environmental change (in alliance with Latin America 21, Belmont Forum, UNIBAC)	4

ADDITIONAL OPPORTUNITIES

- Science Summit at United Nations General Assembly (annual, virtual or in-person).
- Sustainability Research and Innovation Congress (SRI) (annual, virtual or in-person)
- Belmont Forum Collaborative Research Actions (depending on each funding call schedule)
- AmeriGEO Week (annual, multi-national and multi-sectoral meetings, Ministerial Roundtable and scientific presentations)
- STeP Professional Development (online and in-person, intensive training in leadership, communication and science diplomacy including group projects and mentoring)
- Nomination of members for the Scientific Advisory Committee (SAC) and the Science and Policy Advisory Committee (SPAC) (annual, prior to IAI CoP meeting)
- Nomination of institutions to be IAI associates (annual, prior to IAI CoP meeting)
- Virtual Campus courses (online and asynchronous, free of charge and with certificate).

More information at: Opportunities: <https://bit.ly/3OskjnR> • STeP Fellowship Program: <https://bit.ly/3QAoyAN>
Center for Science Diplomacy: <https://bit.ly/3QsP1ju> • IAI News: <https://bit.ly/3QAoyAN>

Share news and opportunities with the IAI community by email to: communication@dir.iai.int



The Inter-American Institute for Global Change Research (IAI) is an intergovernmental organization serving 19 member states of the Americas. The IAI was established in 1992 with the signing of the Agreement establishing the Inter-American Institute for Global Change Research with the mission to "pursue the principles of scientific excellence and integrity, international cooperation, science outreach, and capacity building, and the full and open exchange of scientific information relevant to global change to reach the vision of a sustainable Americas."

HOW WE WORK

- Support of transdisciplinary multinational scientific research projects
- Training and capacity-building at the science-policy interface
- Communication, outreach, and dissemination of relevant information
- Building of communities of practice and partnerships across the science-policy spectrum

By focusing on transdisciplinary research, the IAI convenes and supports research teams of biophysical scientists, social scientists, decision-makers, the private sector, and civil society to co-create solutions to the most pressing global change issues.

The IAI works with government officials to ensure that research is aligned with national and regional interests and that outcomes are used to support evidence-based decision-making.

- For example, projects from IAI's small grants program have addressed climate change adaptation actions for artisanal fisheries, early detection platforms coupled with education for wildfires in the Amazon, anticipatory governance for water crises, and local and indigenous knowledge systems in the governance of ecosystem services.

In addition to the Agreement, the work of the IAI is guided by a scientific agenda, strategic plan, and a recently adopted policy on gender, equity, diversity, and inclusion. The IAI operates via a conference of the parties, where government representatives (focal points) meet annually to discuss the work of the IAI and adopt decisions. The Directorate is charged with implementing the annual program approved by governments. An executive council and scientific advisory committees guide the work of the Directorate.

Spotlight on IAI Programs



The nexus of health, climate & environment

The IAI has partnered with regional and global partners to align funding, research, and training actions at the nexus of health, climate, and the environment in the Americas. Through an intensive 6-month training process, it has formed transdisciplinary research teams that are developing proposals for research applied to address the most pressing issues in Latin America and the Caribbean.

The IAI will provide seed grant funding for these projects. Among the topics of focus are: the development of a South American data portal in the climate, environment, and health nexus; energy-efficient cooling of buildings to reduce heat exposure of the population; sustainable food production by women and healthy nutrition; and multidimensional vulnerability to dengue in the context of climate change.

Amazonia & Tropical Forests

The IAI and the São Paulo Research Foundation (FAPESP) are developing a global funding call entitled “The Amazon and tropical forests: its global implications and needed urgent actions.” This will be issued as a call for grants (a collaborative research action, CRA) under the Belmont Forum mechanism.

The IAI hosts the Belmont Forum, a global consortium of science funding agencies that issue coordinated research funding calls on transdisciplinary science and global environmental change. Scoping workshops with diverse actors will be ongoing in 2023 to identify the focus of the funding call, which we anticipate to present at the Belmont Forum Plenary in October 2023, followed by a launch of the call in 2024.

The IAI's Science, Technology, and Policy (STeP) fellowship program

Is an innovative capacity-building program for early career researchers hosted by government and private sector institutions. Fellows earn practical experience navigating the science-policy interface and providing technical, scientific support to decision-makers in their home countries.



Since starting in 2020, 47 fellows from 11 countries have joined this unique inter-American science policy network and community. The IAI provides professional development in leadership, science diplomacy, and communication connecting expertise and skills from both the Global North and Global South to address transboundary issues of global environmental change (GEC). This program is part of the IAI's newly established Science Diplomacy Center.

