

How can science advice to governments help unlock research for development in the Global South

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Panamá



Canada's IDRC: Investing in solutions

Canada's International Development Research Centre (IDRC) invests in *knowledge, innovation, and solutions* to improve the lives of people in the developing world.

IDRC Context

Agriculture and Environment

- Agriculture and food security
- Climate change
- Food, environment, and health

Inclusive Economies

- Employment and growth
- Governance and justice
- Maternal and child health
- Think Tank Initiative

Technology and Innovation

- **Foundations for innovation**
- Networked economies

- Individual capacity
- Organizational capacity
- Cutting-edge, collaborative research





Key themes

- Government science advice as a key piece of a larger goal of strengthening science systems
- Focusing on specific organizational and individual capacities for resilient national and regional networks
- Implications for IDRC-INGSA partnership and government science advice initiatives in Latin America and the Caribbean



Challenges for national/regional research systems (examples)

- Research **funding levels** and **numbers of researchers**
- Setting **national research agendas** to address priorities
- **Science careers** and **multisectoral** links: mobility, diversity, recognition
- **Science advocacy** and **literacy**



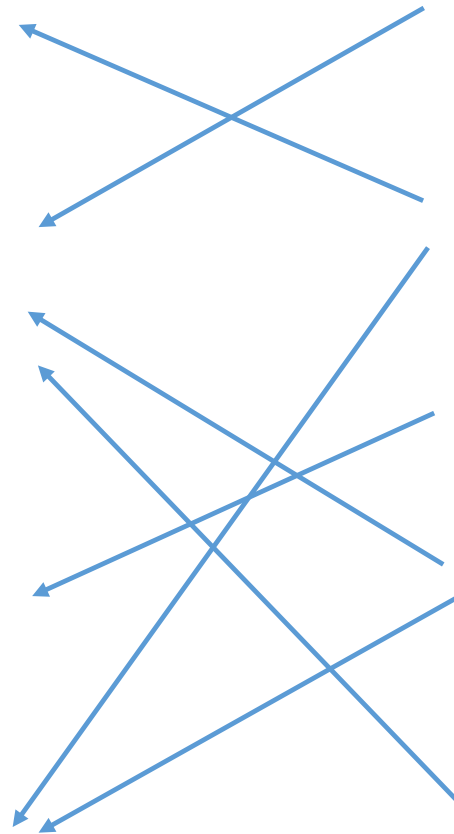
Focusing on the “niche” of government science advice

- Research **funding levels** and **numbers of researchers**
- Setting **national research agendas** to address priorities
- **Science careers** and **multisectoral** links: mobility, diversity, recognition
- **Science advocacy** and **literacy**
- **Formal institutions and structures** in dedicated to national science advice
- **Awareness** of science advice issues among researchers and policymakers
- **Individual skills** for science advice
- **Networks and fora** devoted to science advice and bridging science-policy gap
- Evidence to inform **regional or global policy issues**



... and understanding links between the two

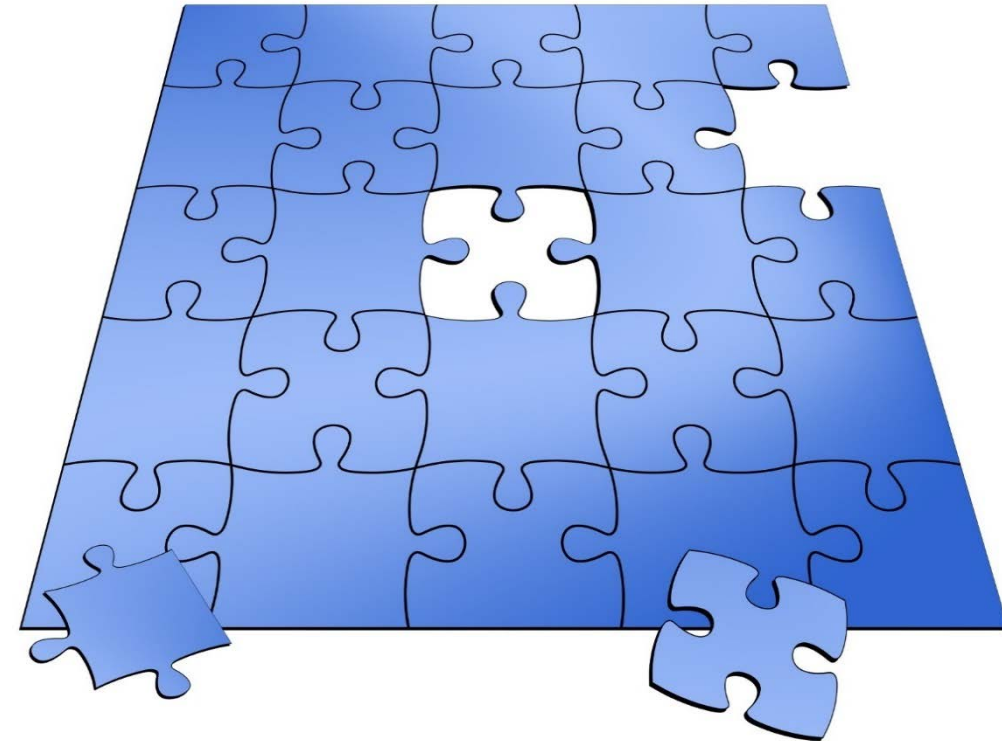
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Science advice capabilities as a key piece of the science system

- Can enhance visibility and relevance of national research funders and performers
- Can inform national STI policies and engagement of a broader range of actors
- Can facilitate regional science collaboration
- Can promote science education and new career pathways for graduates and researchers



Organizational and individual capacity-building for science systems



Academic / non-academic partnerships



CIES
consorcio de investigación
económica y social

Construyendo conocimiento para mejores políticas

*Promoting diversity and
inclusion in research and
innovation*



*Supporting non-
partisan think tanks*



*Focusing on early-career
researchers*

*Providing opportunities
for engagement in
policy*

*Supporting international
research consortia at the
science-policy interface*

Joint calls for regional priorities

*Strengthening and
linking science
academies*

INDIVIDUALS

ORGANIZATIONS

IDRC-INGSA collaboration: *supply and demand* for government science advice in the Global South

- Regional chapters as a key resource and active player
- Research associates to advance our knowledge of key issues
- Capacity-building workshops for researchers and policymakers



**International
Science Council**

Mr Miguel Vera, Bolivia



Project:

The role of research centers in the generation and promotion of knowledge for the SDGs





Summary

- Focus on the specificities of government science advice, while considering how it can help “unlock” potential for national and regional science
- A range of tools to build capacity, both on the supply and demand side of science advice, through organizations and individuals
- Many ways to become active in science advice at a national, regional and global level!



Knowledge. Innovation. Solutions.

Savoir. Innovation. Solutions.