



## **SCIENTIFIC ADVICE WORKSHOP: -SCIENCE ESSENCE IN THE DECISION OF THE GOVERNMENT-**

INGSA Workshop in Bogota, Colombia. August 22-23th, 2019

The Latin America and Caribbean Chapter of INGSA, the Colombian Academy of Physical, Exact and Natural Sciences, the British and the United States Embassies in Colombia, with the support of the International Life Science Institute (ILSI) branch NorAndino and the Agricultural Biotechnology Association (AgroBio), organised a Workshop on Science Advice to Government and Science Diplomacy as part of the events held globally by INGSA, which seek to build capacities and develop practical and theoretical approaches on the use of scientific evidence in the development and implementation of policies at all levels of government.

The workshop was held in Bogota, Colombia, on August 22 and 23, 2019 with the participation of 70 attendees. 43 people participated the second day in the case studies session, that seeks through hypothetical cases to involve the assistants in situations in which they must simulate scientific advice to government or the participation in an international meeting where scientific diplomacy is fundamental for success of its purposes. The workshop included participants from the Presidency of the Republic, the Colombian Congress, Ministries, executive level entities, academics and researchers from public and private universities, and national and international research centres, as well as members of the Academy of Sciences of Colombia and of the Mission of Sages (group of national and international experts whose objective is to contribute to the construction and implementation of the public policy of Education, Science, Technology and Innovation of Colombia)

The first day of the workshop included the participation of national and international speakers that discussed the value of a scientific advice system, the establishment of Science and Technology Advice Systems to Parliaments, the Present and Future of Science Diplomacy, the challenges of the 2030 Agenda for science, technology and innovation policy; and the contribution of human sciences to Scientific Advice. At the end of the day, there was a panel that included a representative of the Administrative Department of Science, Technology and Innovation -COLCIENCIAS, by its name in Spanish- and with a

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quest of the Scientific Research Commission of the Province of Buenos Aires, Argentina. The panel analysed the role of the academies of sciences and institutions in Science Advice to Governments and Parliaments with the moderation of Dr. Enrique Forero President of the Academy of Sciences of Colombia.

With a very active and participatory dynamic of the attendees, three case studies were worked on. The first on THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE; followed by a fictitious study in the REPUBLIC OF DOUMBELANE on access to water and soil resources for food security; closing the day with another hypothetical case entitled: TANGUEIRA: genetic edition and climate response - science, values and politics. With a role-playing methodology, the assistants assumed different roles from those they play in their professional life, so that they could experience situations that in a political, social and scientific context are faced by decision makers and governing persons.

The presentations of the invited speakers may be accessed through the [following link](#).





**Workshop Attendees First and Second day**



**Study case working groups**



**Panel: The Role of Academies and Institutions in  
Science Advice**



**Dr. Enrique Forero - President Colombian Academy of  
Science and Dr. Carlos Abeledo Chair INGSA Latin  
America and Caribbean, closing the workshop**



**Dr. Jan Marco Muller. Operations Director - International Institute for Applied Systems Analysis (IIASA)**



**Dr. Franklin Carrero-Martinez. Director of its Science and Technology for Sustainability (STS) Program - US National Academy of Sciences**



**Dra. Sarah Foxen. Knowledge Exchange Manager.  
Parliamentary Office of Science and Technology  
(POST)- UK Parliament**



**Dra. Elizabeth Hodson de Jaramillo. Emeritus  
Professor Pontificia Universidad Javeriana,  
Member of the Colombian Academy of Science,  
Member of the Mission of Sages**



**Dr. Carlos Abeledo (INGSA), Dra Sara Foxen (POST) and members of the British Embassy in Colombia, in a meeting at the Colombian Congress with parliamentarians, discussing parliamentary scientific advice**