

## Objectives

IAP's Strategic Plan 2010, 2011, 2012 sets three overarching objectives:

- To position **IAP** as a recognized and independent provider of high quality global science advice.
- To initiate and support programs on capacity building, science education and science communication.
- To take a leading role in efforts to improve the effectiveness of international science cooperation.

**IAP** pursues these objectives by mobilizing its member academies and, through them, the best scientists worldwide.

## Programmes

**IAP** has three flagship programmes: capacity building, science education and science communication.

- Capacity building focuses on science academies in developing countries and its core objective is to strengthen the role of academies in providing advice to governments on issues of national and global concern. The programme, which is coordinated by TWAS, has also led to the creation of regional networks of academies in Africa, the Americas and Asia.
- Through its second programme, **IAP** supports inter-academy projects that focus on improving the quality of science education worldwide. Based on materials and approaches developed by several **IAP** member academies, science education projects are currently underway on all continents, and with considerable impact.
- Science communication is **IAP**'s newest flagship programme. Statements on the scientific aspects of timely issues, was **IAP**'s initial venture into science communication. By investing in human resources and modern communication tools, **IAP** will markedly enhance its capacity to reach out to the world's decision-makers. It will also support projects of member academies to develop their capabilities to communicate with the media and the general public.

## Statements

**IAP** has issued Statements on the following global issues:

- Population growth (1994)
- Urban development (1996)
- Sustainability (2000)
- Human reproductive cloning (2003)
- Access to scientific information (2003)
- Health of mothers and children (2003)
- Science and the media (2003)
- Science education (2003)
- Scientific capacity building (2003)
- Biosecurity (2005)
- Evolution (2006)
- Ocean acidification (2009)
- Tropical forests and climate change (2009)

In these Statements, **IAP** member academies articulate common positions on issues of topical concern to decision-makers worldwide.

## Partnerships

**IAP** collaborates with the World Economic Forum in organizing Young Scientists Conferences at the Forum's Annual Meeting of the New Champions, otherwise known as the "Summer Davos". More than 40 outstanding young scientists participated in the first **IAP** Young Scientists Conference and their numbers have increased to reach 60 at present. The aim is to bring the next generation of science leaders in contact with the next generation of leaders from business and government. An imaginative scientist-entrepreneur grants program was created at the 2008 Forum, to support meritorious partnership proposals

**IAP** was instrumental in the establishment of two other interacademy organizations: the InterAcademy Council (IAC) and the InterAcademy Medical Panel (IAMP). IAC carries out in-depth studies on the scientific aspects of global issues. **IAP** member academies nominate experts for IAC study panels, and **IAP** and IAC work together to disseminate the recommendations of the studies. IAMP is a global network of academies of medicine and academies of sciences with a medical section. Its aim is to improve health and medical research worldwide.

## Other activities

In 2009 **IAP** co-organized three regional climate-change workshops in partnership with the European Climate Foundation, IAC and TWAS. Aim of the workshops was to give input to delegates from smaller developing countries in preparation for the Copenhagen Summit of December 2009 on a new Kyoto Protocol.

In January 2010 **IAP** held an international conference on Biodiversity in London hosted by The Royal Society, and organized in conjunction with the **IAP** General Assembly meeting. This Conference was the first major meeting in the International Year of Biodiversity.

## Regional networks

**IAP** has assisted groups of member academies to create regional networks and it cooperates with these networks as part of its flagship programmes and other activities. There now are several well-established regional networks worldwide that participate in **IAP** as observers:

- Association of Academies of Sciences in Asia (AASA)
- European Academies' Science Advisory Council (EASAC)
- InterAmerican Network of Academies of Sciences (IANAS)
- Network of African Science Academies (NASAC)
- Network of Academies of Science in OIC Countries (NASIC).

## Sponsors and funding

**IAP**'s Secretariat, which is located in Trieste, Italy, operates under the administrative umbrella of TWAS. The Italian Government provides core funding. Member academies make financial and in-kind contributions to **IAP** programmatic activities. They also sponsor **IAP** events and host Executive Committee and General Assembly meetings.



the global network of science academies

## Executive Committee

### Co-chairs

- **Howard Alper**, Canada
- **Mohamed H.A. Hassan**, Sudan

### Members

- Australian Academy of Science
- Academia Chilena de Ciencias
- Chinese Academy of Sciences
- Academy of Scientific Research and Technology, Egypt
- Académie des Sciences, France
- Indian National Science Academy
- Accademia Nazionale dei Lincei, Italy
- Akademi Sains Malaysia
- Academia Mexicana de Ciencias
- The Royal Society, UK
- US National Academy of Sciences

### Ex-officio

- Academy of Sciences for the Developing World, TWAS



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**Launched in 1993, IAP is the global network of the world's academies of sciences. At present 104 academies are members of IAP.**

**IAP and its member academies believe that science, scientific knowledge and scientific progress are an essential part of human culture and are vital to advance human welfare and well being. They also believe that the scientific method has much to offer in the pursuit of just and fair societies. IAP is committed to making the voice of science heard on issues of crucial importance to the future of humankind.**

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