

the
INTERACADEMY PANEL
on international issues

iap

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TWAS, the academy of sciences for the
developing world

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IAP Secretariat:

c/o TWAS
Strada Costiera 11
34151 Trieste
Italy

Contact persons:

Mohamed H.A. Hassan
Joanna C.R. Lacey
Daniel Schaffer (media)

tel: + 39 040 2240 680/681

fax: + 39 040 2240 688

iap@twas.org

www.interacademies.net/iap

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a global network of science academies

iap is a global network of
the world's science
academies launched in
1993. Its primary goal is to
help member academies
work together to advise
citizens and public officials
on the scientific aspects of
critical global issues. **iap** is
particularly interested in
assisting young and small
academies achieve these
goals.

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African Academy of Sciences
 Albanian Academy of Sciences
 National Academy of Exact, Physical and Natural Sciences, Argentina
 The National Academy of Sciences of Armenia
 Australian Academy of Science
 Austrian Academy of Sciences
 Bangladesh Academy of Sciences
 National Academy of Sciences of Belarus
 The Royal Academies for Science and the Arts of Belgium
 Academia Nacional de Ciencias de Bolivia
 Academy of Sciences and Arts of Bosnia and Herzegovina
 Brazilian Academy of Sciences
 Bulgarian Academy of Sciences
 Cameroon Academy of Sciences
 The Academies of Arts, Humanities and Sciences of Canada
 Caribbean Academy of Sciences
 Academia Chilena de Ciencias
 Chinese Academy of Sciences
 Academia Sinica, Taiwan, China
 Colombian Academy of Exact, Physical & Natural Sciences
 Croatian Academy of Arts and Sciences
 Cuban Academy of Sciences
 Academy of Sciences of the Czech Republic
 Royal Danish Academy of Sciences and Letters
 Academia de Ciencias de la República Dominicana
 Academy of Scientific Research and Technology, Egypt
 Estonian Academy of Sciences
 The Delegation of the Finnish Academies of Science and Letters
 Académie des Sciences, France
 Georgian Academy of Sciences
 Union of German Academies of Sciences and Humanities
 Deutsche Akademie der Naturforscher Leopoldina
 Ghana Academy of Arts and Sciences
 The Academy of Athens, Greece
 Academia de Ciencias Medicas, Fisicas y Naturales de Guatemala
 Pontificia Academia Scientiarum, Holy See
 Hungarian Academy of Sciences
 Indian National Science Academy
 Indonesian Academy of Sciences
 Academy of Sciences of the Islamic Republic of Iran
 Royal Irish Academy
 Israel Academy of Sciences and Humanities
 Accademia Nazionale dei Lincei, Italy
 Science Council of Japan
 Royal Scientific Society of Jordan
 Islamic World Academy of Sciences
 National Academy of Sciences of the Republic of Kazakhstan
 Kenya National Academy of Sciences
 Korean Academy of Science and Technology
 The National Academy of Sciences, Republic of Korea

Objectives

Science and technology have never been more critical to our lives. Yet most science academies, despite serving as respected repositories of scientific knowledge, have rarely engaged in public discourse.

iap was created to bring together member academies to discuss the scientific aspects of problems of global concern and to help academies develop the tools they need to participate in science policy discussions taking place beyond university classrooms and research laboratories.

Members of **iap** believe that they have much to learn from each other. Members also believe that through the communication links and networks created by **iap**, academies will be able to raise both their public profile among citizens and their influence among policy makers.

Since its inception, **iap** has issued statements on:

access to scientific information
 biosecurity
 evolution
 health of mothers and children
 human reproductive cloning
 ocean acidification
 population growth
 science and the media
 science education
 scientific capacity building
 sustainability
 urban development

iap also organizes international conferences, sponsors workshops and serves as a forum for the exchange of ideas and experiences among academies.

iap serves as a hub of activities for science academies interested in gaining a greater public presence within their nations and regions.

Partners works

iap has forged partnerships among its member institutions and closely with other scientific organizations, including the InterAcademy Council (IAC), InterAcademy Medical Panel (IAMP), International Council for Science (ICSU), European Academies' Science Advisory Council (EASAC), and All European Academies (ALLEA).

iap also collaborates with the World Economic Forum (WEF) by organizing Young Scientists Conferences at the Forum's Annual Meeting of the New Champions, otherwise known as "Summer Davos".

Networks

iap cooperates with networks of regional academies, including Federation of Asian Scientific Academies (FASAS), Network of African Science Academies (NASAC), Network of Academies of Science in OIC Countries (NASIC), Association of Academies of Sciences in Asia (AASA), the InterAmerican Network of Academies of Sciences (IANAS) and the Caribbean Scientific Union (CSU).

iap helped to launch NASAC, NASIC and IANAS through its capacity building programme.

The listed partners and networks are all observers of **iap**

Programmes

iap programmes involve interdisciplinary activities and studies on critical issues related to science and technology.

iap's flagship programme focuses on capacity building for science academies, paying particular attention to building the capacity of science academies in developing countries. A key objective is to strengthen the role of academies in providing advice to governments on issues of national and global concern.

iap's efforts include working with governments to develop national science, technology and innovation strategies. This programme, which is coordinated by TWAS, has led to the creation of regional networks of science academies in Africa, the Americas and Organization of Islamic Conference (OIC) member states.

In addition to its flagship programme, **iap** supports projects that are coordinated by groups of member academies and regional networks. These projects include: digital knowledge and infrastructure, science education, water research and management, and biosecurity.

Sponsors

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.

Kosovo Academy of Sciences and Arts
 National Academy of Sciences of the Kyrgyz Republic
 Latin American Academy of Sciences
 Latvian Academy of Sciences
 Lithuanian Academy of Sciences
 Macedonian Academy of Sciences and Arts
 Madagascar's National Academy of Arts, Letters and Sciences
 Akademi Sains Malaysia
 Mauritius Academy of Science and Technology
 Academia Mexicana de Ciencias
 Academy of Sciences of Moldova
 Mongolian Academy of Sciences
 Montenegrin Academy of Sciences and Arts
 Hassan II Academy of Science and Technology, Morocco
 Royal Nepal Academy of Science and Technology
 The Royal Netherlands Academy of Arts and Sciences
 Academy Council of the Royal Society of New Zealand
 Nigerian Academy of Sciences
 Norwegian Academy of Sciences and Letters
 Pakistan Academy of Sciences
 Palestine Academy for Science and Technology
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 National Academy of Science and Technology, Philippines
 Polska Akademia Nauk, Poland
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 Tanzania Academy of Sciences
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 The Academy of Sciences for the Developing World
 The Uganda National Academy of Sciences
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 The Royal Society, UK
 US National Academy of Sciences
 Uzbekistan Academy of Sciences
 Academia de Ciencias Fisicas, Matemáticas y Naturales de Venezuela
 Zimbabwe Academy of Sciences