



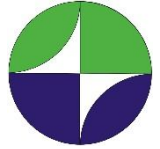
# WELCOME FROM IUGG

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*Secretary General*



# What is IUGG?



Established in 1919, IUGG is the oldest non-governmental, international, scientific organization dedicated to advancing, promoting, and communicating knowledge of the Earth system, its space environment, and the dynamical processes causing change.

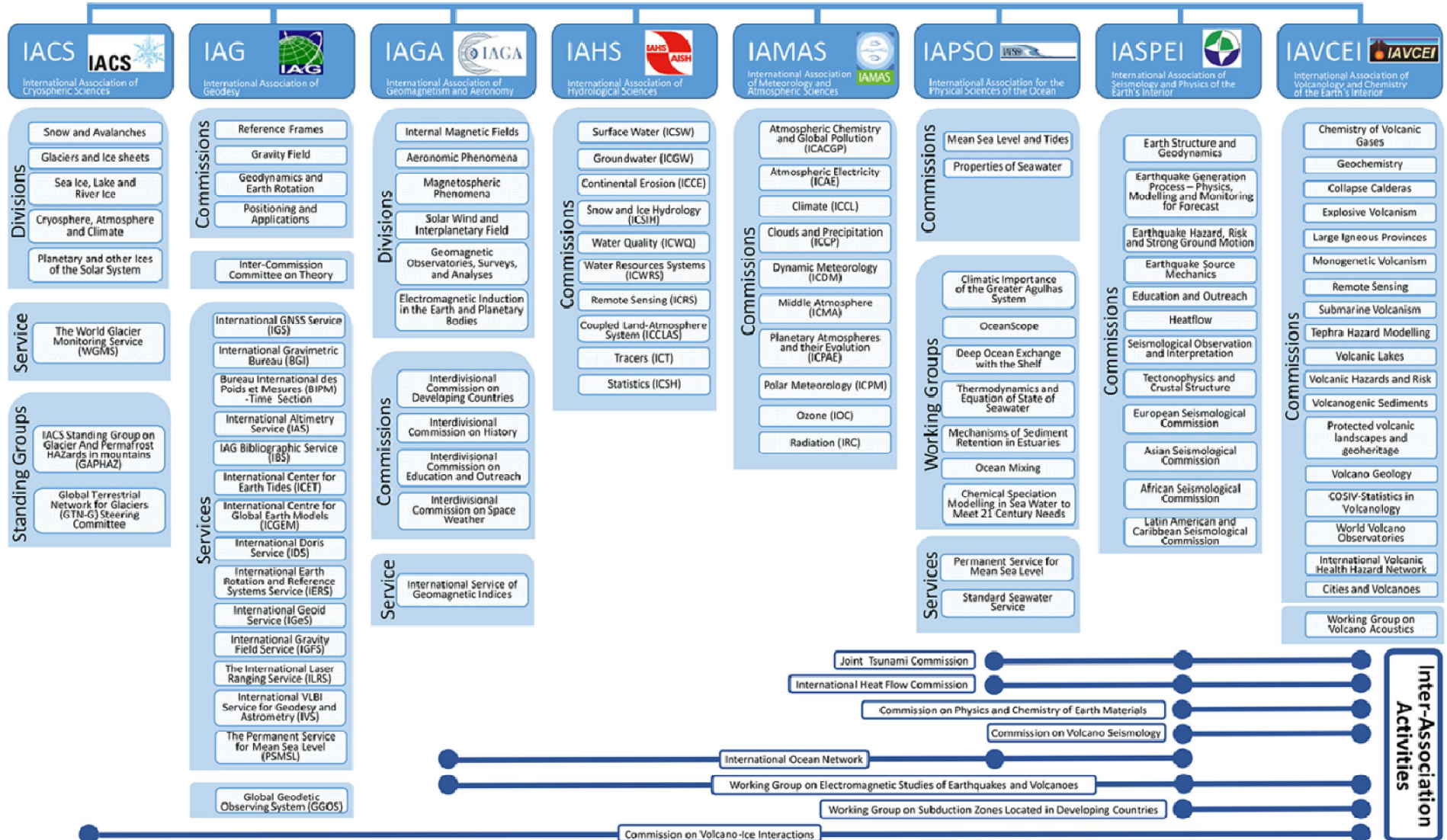
IUGG encourages the application of this knowledge to societal needs, such as mitigation of natural hazards, mineral and water resources, and environmental preservation.

IUGG communicates the knowledge to governments and policy-makers for the benefit of humanity.

IUGG is a Founder Member of the International Council for Science (ICSU).

# International Union of Geodesy and Geophysics (IUGG)

## Associations



# Union Geodesique et Geophysique Internationale

## International Union of Geodesy and Geophysics



### National Membership

#### Regular Members

ARGENTINA		EGYPT		JORDAN		ROMANIA	
AUSTRALIA		ESTONIA		REP. OF KOREA		RUSSIA	
AUSTRIA		FINLAND		LUXEMBOURG		SAUDI ARABIA	
AZERBAIJAN		FRANCE		MACEDONIA		SLOVAK REPUBLIC	
BELGIUM		GERMANY		MEXICO		SLOVENIA	
BRAZIL		GREECE		MOZAMBIQUE		SOUTH AFRICA	
BULGARIA		HUNGARY		The NETHERLANDS		SPAIN	
CANADA		ICELAND		NEW ZEALAND		SWEDEN	
CHILE		INDIA		NICARAGUA		SWITZERLAND	
CHINA Beijing		INDONESIA		NIGERIA		THAILAND	
CHINA Taipei		IRAN		NORWAY		TURKEY	
COLOMBIA		IRELAND		PAKISTAN		UK	
CROATIA		ISRAEL		PHILIPPINES		USA	
CZECH REPUBLIC		ITALY		POLAND		VIETNAM	
DENMARK		JAPAN		PORTUGAL			

#### Associate Members

ALBANIA		BOLIVIA		GHANA		MAURITIUS	
ARMENIA		CONGO D.R.		GEORGIA		PERU	
BOSNIA & HERZEGOVINA		COSTA RICA		MOROCCO			



# What does IUGG do?



IUGG envisions a future Earth that is environmentally sustainable and where societies are resilient against natural hazards. IUGG advances, strengthens, and promotes international research cooperation as well as science education and capacity building in Earth and space sciences through its Associations and National Member countries.

IUGG develops and facilitates international cooperation in geosciences through its Associations, and more than 100 commissions, committees, working groups, services, and scientific partner organizations.

IUGG Associations set up and promote activities of geodetic and geophysical services, e.g. the *International GNSS Service (IGS)*; the *World Glacier Monitoring Service*; the *International Service of Geomagnetic Indices*; the *Permanent Service for Mean Sea Level*.

# What does IUGG do?



IUGG Associations develop and promote global standards for research, e.g. the *International Classification for Seasonal Snow on the Ground*; the *International Terrestrial Reference Frame*; the *International Geomagnetic Reference Field*; the *International Thermodynamic Equation of Seawater*; the *Manual of Seismological Observatory Practice*; and the *Guidelines for Professional Interaction During Volcanic Crises*.

These products (and services) are widely used by researchers of different disciplines, companies, and private persons, and therefore serve as a link between research, policy-making and the public.

Together with its Associations and scientific partner organizations, IUGG initiates and promotes world-wide interdisciplinary research programs (e.g. the *International Lithosphere Programme*), to explore the Earth System and its space environment as well as to analyze societal implications of the research.

# Programmes and Projects initiated and/or supported by IUGG



## Current

- **International Lithosphere Programme** (ILP, a joint IUGS-IUGG activity)
- **Global Geodetic Observing System** (GGOS, an IAG program)
- **World Climate Research Programme** (WCRP)
- **Integrated Research on Disaster Risk** (IRDR)
- **International Year of Global Understanding** (IYGU)
- **Mathematics of Planet Earth** (MPE)
- **World Data System** (WDS)

## Past

- **International Geosphere-Biosphere Programme** (IGBP, 1987-2015)
- **International Year of Deltas** (IYD, 2013-2014)
- **Extreme Natural Hazards and Societal Implications** (ENHANS, 2010-2014)
- **International Year of Planet Earth** (IYPE, 2007-2010)
- **Electronic Geophysical Year** (eGY, 2007-2008)
- **International Polar Year** (IPY, 2007-2008)
- **International Heliophysical Year** (IHY, 2007-2008)
- **International Decade for Natural Disaster Reduction** (IDNDR, 1990-1999)
- **Geodynamics Project** (1972-1979)
- **Global Atmospheric Research Programme** (1967-1980)
- **International Hydrological Decade** (1965-1974)
- **Upper Mantle Project** (1964-1970)
- **International Geophysical Year** (IGY, 1957-1958)



# IUGG GENERAL ASSEMBLY Montreal, 2019

