



United Nations
Educational, Scientific and
Cultural Organization



International
Geoscience
Programme



International
Union of Geological
Sciences

INTERNATIONAL GEOSCIENCE PROGRAMME

IGCP

IN THE SERVICE OF SOCIETY

What is IGCP?

UNESCO is the only United Nations organization with a mandate to support research and capacity building in geology and geophysics, and the International Geoscience Programme (IGCP) is our flagship.

Since 1972, partnering with the International Union of Geological Sciences (IUGS), the IGCP has brought together tens of thousands of Earth scientists from around the world, including young scientists, and enabled them to benefit from the cooperative spirit generated under the umbrella of UNESCO.

IGCP scientists have worked on over 500 projects in 150 countries.

The IGCP support is especially earmarked to help **young and female scientists from developing countries**: In 2017, of all participants 38% were less than 35 years old, 52% came from the developing world and 37% were women.

Scientific objectives

- Increasing our understanding of the geoscientific factors affecting the global environment in order to improve human living conditions.
- Developing more effective methods to find and sustainably exploit natural resources of minerals, energy and groundwater.
- Improving standards, methods and techniques of carrying out geological research, including the transfer of geological and geotechnological knowledge between industrialized and developing countries.

Themes

- **Earth Resources:** Sustaining our Society
- **Global Change:** Evidence from the geological record
- **Geohazards:** Mitigating the risks
- **Hydrogeology:** Geoscience of the water cycle
- **Geodynamics:** Control of our environment



World map showing countries involved in IGCP projects in brown during 2017

IGCP aims to foster:

- interdisciplinary project proposals, approaches and techniques,
- global distribution of project areas, participants and leaders,
- leadership by women and young scientists,
- participation by young scientists from developing countries in field trips organized by leading academic bodies.



The IGCP contributes to the Sustainable Development Goals by:

- building partnerships and cooperation, not only between local stakeholders, but also internationally through regional and global (scientific) networks where knowledge, ideas and best practices are shared (SDG 17),
- giving opportunities to young Earth scientists to develop their careers internationally (SDG 4),
- emphasizing the empowerment of women scientists (SDG 5),
- developing more effective methods to find and sustainably exploit natural resources of minerals, and groundwater (SDG 1, SDG 6, SDG 7),
- supporting scientific researches on evidence collection from the Geological Records for the understanding of Earth's climate change and the evolution of life (SDG 13).



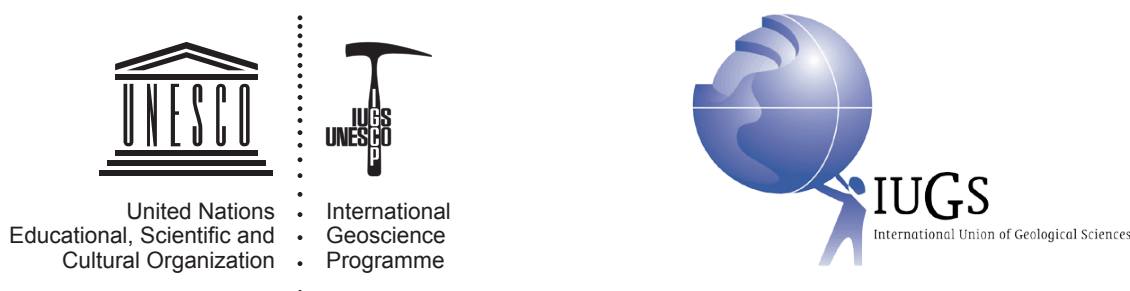
Why sponsor the IGCP?

The IGCP is the oldest and most successful example of scientific cooperation between a non-governmental organization – the IUGS – and an intergovernmental organization – UNESCO. Over the past 45 years, for thousands of scientists who participated in IGCP projects the Programme has been the gateway to a successful career in and beyond geoscience. IGCP has also been responsible for some major geoscientific programmes of ground-breaking international standard.

The Chinese National Commission for UNESCO and the Jeju Province Development Corporation (JPDC), Republic of Korea are current sponsors of the IGCP along with UNESCO and IUGS which are the initiators of this programme. Your contribution will guarantee that top young scientists from developing countries actively interact with some of the world's leading scientists, thus contributing to capacity-building worldwide.

What to do next...

If you are a scientist wishing to generate a research proposal relevant to one of the described themes please go to www.unesco.org/igcp proposals must reach UNESCO by October 15th in order to be considered for funding for the following year. If you wish to sponsor IGCP, please contact the Secretariat in Paris.



IGCP Secretariat

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