

# INTERNATIONAL UNION OF GEOLOGICAL SCIENCES (IUGS)

## Reporting Form for IUGS Adhering Organizations 2016

1. Country/region -

Ireland and Northern Ireland

2. Name of IUGS adhering organization or national committee

IUGS Adhering organisation is Royal Irish Academy

Name of National Committee is Irish Committee for IUGS and IGCP

3. Status of the organization or committee:

Irish committee for IUGS and IGCP is a subcommittee of the Geosciences and Geographical Sciences Committee of the Royal Irish Academy

4. Number and of people on the National Committee

Geosciences and Geographical Sciences Committee of the Royal Irish Academy 19 people

Irish committee for IUGS and IGCP

5. Name, address and e-mail of person preparing the report and/or Committee contact(s):

Chair Geosciences and Geographical Sciences Committee , Royal Irish Academy,

Professor Patrick M Shannon, ( UCD School Of EarthScience,

Science Centre West, Belfield, Dublin 4. Ireland. Email: [p.shannon@ucd.ie](mailto:p.shannon@ucd.ie)

IUGS-IGCP Committee contact : Mary Carter, Secretary Irish Committee for IUGS and IGCP,

Geological Survey of Ireland, Beggars Bush, Haddington Road, Dublin 4, Ireland. [Mary.carter@gsi.ie](mailto:Mary.carter@gsi.ie)

6. Number of meetings of the committee during the year

RIA Geosciences Committee Two

7. What are the major issues of the current committee?

Political engagement, communicating science in Ireland, strategic geoscience planning

8. Major accomplishments of the committee (or the geological communities).

The main geoscience related committee event for 2016 was the launch of “The Tellus geoscience surveys of the north of Ireland: context, delivery and impacts” which is a detailed study of this project which was funded to promote Minerals Exploration and also to address environmental issues. The survey results are presented elsewhere but this book seeks to reflect on the outcomes in terms of the economy, the environment and policy. The Tellus model has been extended to the rest of Ireland, and is scheduled to be complete by 2025, funding permitting. It has also been extended to the U.K.

The Committee discussed the Parliamentary pairing scheme, where different specialists were paired with different members of the Dail (Parliament ). Future work is also planned with Oireachtas Research Services to allow the academy provide expertise to support the research units work in the area of Science.

Part of the programme of work are a number of selected events which are selected by the Academic Board, such as Morals and Markets. It looked at morals and education market, morals and Surrogacy, and morals and financial markets.

Expert statements are prepared on specific topics such as housing and flooding. These were discussed with other committees, such as Engineering and Computer science committee to get their input. The next expert statement will be "Energy options for Ireland into the future"

9. Major activities (international symposium, workshop, outreach activities, hosting international/national meetings..

The committee coordinated the Irish representatives at the IGU in Cape Town. The geological Survey team were involved in sessions on geoparks, geoethics, geoforensics, and mathematical geosciences. National Geoscience Meetings include Geoscience2016 arranged by the Geological Survey, Atlantic Ireland, organised by the Petroleum industry, IAH Ireland Annual Meeting, Irish Association for Economic Geology annual conference and the IGRM (Irish Geological Research Meeting).

10. Recent geo-hazard such as earthquake, volcanic eruptions, etc.  
there are usually about 200 small earthquakes around Ireland every year.

11. Known activities of other geology-related academic organization(s) in each country (Geological Society, Geophysical/Geological Union, etc.). This data is compiled now annually by the Irish Geoscience Network and will be available on the website [gsi.ie](http://gsi.ie) in late Q1.

The Geological Survey of Ireland,  
Geological Survey of Northern Ireland,

Dublin Institute for Advanced Studies. School of Cosmic Physics, Geophysics Section. (DIAS)

- National University of Ireland, Galway. Department of Earth and Ocean Sciences. (NUIG)

- Trinity College, Dublin. Department of Geology. (TCD)

- University College, Cork. Department of Geology. (UCC)

- University College, Dublin. School of Geological Sciences. (UCD)

- University of Ulster, Coleraine. School of Environmental Sciences, Geophysics Research Group.

(UU)

The Institute of Geologists in Ireland (IGI) are the National Licensing Body Member of the European Federation of Geologists.

12. Any specific activity/achievement that you would report on in Episodes and/or in the IUGS website (or in your website with a link on the IUGS one)?

Tellus programme, the national geological airborne geophysical and ground geochemical mapping programme.

13. Direct relation with IUGS, executive members in the IUGS council?

Are there people who are organizing or chairing task force meetings or any other IUGS activities?

Jenny McKinley, based at Queens University Belfast is incoming President of IAMG

14. Approximate number of people who intend to participate in IUGS-IGC meeting every 4 years.

Approximately twelve people attended from Ireland, including five staff from the Geological Survey, Marie Fleming (President of IGI), and several researchers from Irish Geoscience Departments both in Ireland and Northern Ireland.