

INSTITUTE OF GEOLOGISTS OF IRELAND



2018 - 2019

ANNUAL REPORT and FINANCIAL STATEMENTS

Company number 314400. Directors:, Catherine Buckley, Henning Moe, Mairead Glennon, Cian O'Hora



*Member of the
European Federation
of Geologists*

The Institute of Geologists of Ireland

63 Merrion Square, Dublin 2, Ireland

Tel: +353 1 662 4914 e-mail: info@igi.ie web: www.igi.ie

MISSION

To promote and advance the science of geology and its professional application in all disciplines, especially the geosciences and to facilitate the exchange of information and ideas in relation thereto.

To require its Members to uphold, develop and maintain the highest professional standards in the practice of their profession, as described in the Company's Code of Ethics and Conduct.

July 2019

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1.0 PRESIDENT'S REPORT

It has been an honour to serve as President of the Institute of Geologists of Ireland for the past two years, particularly this year where we celebrate the 20-year anniversary of the IGI. A special event has been organised by the IGI in recognition of our anniversary and further details are included in Section 4.7. We hope as many members as possible will join us in the celebrations.

1.1 ACKNOWLEDGEMENTS

All IGI Board members volunteer their time in both developing the Institute and supporting the membership and I would sincerely like to thank them for their contributions; namely Vice President, Henning Moe; Honorary Secretary, Mairead Glennon; Treasurer, Cian O'Hora and Board Members Eoin Wyse, Ed Slowey, Bill Sheppard, Jon Hunt, Suzanne Tynan and Paul McDermott.

I would also like to thank Morgan Burke who has worked tirelessly over the last number of years as Chair of the IGI Validation Committee and the Past Presidents of the Institute who are always on hand to offer advice and help out.

Last year we welcomed Karen-Lee Ibbotson to the IGI team in the role of Executive Secretary. Since joining us Karen has done a fantastic job helping the board, keeping the office running and generally being the first point of contact for many of our general membership. I'd sincerely like to thank Karen for the fantastic work that she has done. Sincere thanks also to Eamonn Kelly, the IGI Webmaster.

The IGI acknowledges the continued support of our sponsoring bodies, the Irish Mining & Quarrying Society (IMQS), Geophysical Association of Ireland (GAI), Geotechnical Society of Ireland (GSI), Irish Association for Economic Geology (IAEG) and the International Association of Hydrogeologists (Irish Group, IAH).

Many of our Members actively contribute to the IGI's work, through the Standing Committees and Working Groups in the varied fields of accreditation and validation; ethics and disciplinary matters; development of technical guidelines and policy; corporate governance; European and international affairs; public advocacy and outreach, for which support the Board is extremely grateful. I would like to thank sincerely thank all those Members who give extensive personal time to represent the IGI at Board level and at various conventions at home and abroad, and to

those who participate voluntarily on working groups and committees in their own time. Such inputs ensure the continued, membership-led ethos of the IGI and contribute to its strength.

During the last year the IGI, and indeed the entire geoscience community, were saddened to hear of the passing of both Dr. Ron Holman and Mr. Herb Stanley. Both prominent in the mining and exploration sectors for many years, they have each left a significant legacy as highlighted in the tributes paid to them since their passing.

1.2 HIGHLIGHTS OF THE 2017 - 2018 TERM

IGI Honorary Fellowship Award

The IGI has two categories of award to acknowledge those who have excelled and/or given outstanding service in the field of geoscience: the Medal of Honour for those with national profile and the Honorary Fellowship to those with an International profile.

This year the first Honorary Fellowship Award was presented to Ollie Bonham PGeo on the 4th of October 2018 at a very enjoyable event in the National Concert Hall. Details of the event are outlined in Section 6.2.

Student membership

Over the past number of years the Boards of the IGI have recognised the need for dedicated activities to engage with third level institutions in order to attract more student and early-career stage members. We are pleased to report an increase in our student membership this year which was achieved through the removal of fees for student members and the outreach efforts by the current and past Boards.

To facilitate easier communication with students, a short presentation has been prepared for student audiences to introduce the IGI and highlight the benefits of membership. This presentation can be customised by the presenter as needed and is available from the office and we would encourage all members who will be speaking to students to avail of it.

IGI Representation

IGI Members continue to represent the Institute at regular events and meetings including but not limited to the following:

PERC (Pan-European Reserves & Resources Reporting Committee) is the organisation responsible for setting standards for public reporting of exploration results, mineral resources, and mineral reserves by companies listed on markets in Europe. Paul Gordon, Ed Sides, Andy Bowden and Paul Mc Dermott are the IGI representatives to PERC. Ed Sides is Secretary to PERC.

The NSAI (National Standards Authority of Ireland) manages the standards and guidance documents in relation to aggregates through the inter-disciplinary panel, the Aggregates Panel. The IGI is represented on this panel by John Kelly, Robbie Goodhue, Tom Moore, Billy O'Keeffe, Eoin Wyse, Eoin McGrath and Gerry Stanley. These individuals represent the IGI and geologists at the NSAI with respect to the review and revision of standards and guidance documents in relation to aggregates. The Panel addresses such matters as quality control of aggregates, deleterious materials in aggregate, specifications for quarry products and the role of geoscientists in the sector.

Marie Fleming is a member of the External Relations Committee of the Geological Society of London which aims to raise public awareness and understanding of geoscience, and the professional activities of geoscientists, including the relevance of the science and profession in aiding policy and decision-making concerning wealth creation, provision of resources, sustainability, environmental protection and conservation.

European Federation of Geologists (EFG)

The IGI continues to be an active National Association Member, as well as a National Licensed Body Member, of the European Federation of Geologists (EFG). The IGI is represented at the EFG by Jon Hunt and Eoin Wyse. Marie Fleming is Chair of the EFG Registration Authority and attends all Board and Council meetings of the EFG.

Courses & Events

As outlined in this report, a number of courses have been held by the IGI throughout the year, including a number of collaborative events. The IGI provided sponsorship to a number of events this year including IGRM held at UCD in March. The IGI continues to host the Irish Geoscience Network Meeting and details of this years event are provided in this report (Section 6.0 and Section 11.0).

This year, for the first time, we included a field for training course suggestions on the CPD form and were delighted to see the proactive response from the membership in filling this in. The board are considering the suggestions made with a view to next years courses. As always, if members have suggestions of courses or talks they would like the IGI to organise, please feel free to contact the office (info@igi.ie).

GDPR

The General Data Protection Regulation (GDPR) is an EU regulation (EU 2016/679) on data protection and privacy for all individuals within the European Union which came into force on 25th May 2018. This legislation has significant implications for the IGI and how we manage our members data. Our official procedural documentation is in draft.

By virtue of remaining members of the IGI (actively paying fees and submitting CPD), members are deemed to consent to receiving weekly email bulletins from the IGI. If members wish to be removed from the mailing list they should contact the office to 'opt-out'. Members will, however, be required to 'opt-in' if they want their details to be included on public registers available on the website in the future. We will be in touch with individual members about this.

Strategy update

A working group has been formed to update the IGI strategy which will be officially launched at the 20th anniversary event. Thank you to all members who participated in the survey issued this year. An update on the strategy is provided in Section 4.2.

EurGeol Catherine Buckley PGeo

President, 29th May 2019

2.0 SECRETARY'S REPORT

The 2018 Annual General Meeting (AGM) of the IGI was held on 26th July 2019 at No. 63 Merrion Square, Dublin 4. The meeting was chaired by the President, Catherine Buckley PGeo.

At the AGM the following were elected to the Board of the IGI to serve during the year 2018-2019:

President	Catherine Buckley
Vice President	Henning Moe
Honorary Treasurer	Cian O'Hora
Honorary Secretary	Mairéad Glennon
Board Members	Ed Slowey Jon Hunt Bill Sheppard Eoin Wyse Suzanne Tynan Paul McDermott

There were no extraordinary general meetings in 2018-2019.

2.1 BOARD MEETINGS

The IGI Board met on 9 occasions since the last AGM, with an 8th meeting scheduled for June 2019. Meetings scheduled for March and April did not proceed as the quorum was not met.

- 12th September 2018
- 10th October 2018
- 21st November 2019
- 5th December 2019
- 23rd January 2019
- 20th February 2019
- 15th May 2019
- 19th June 2019
- 3rd July 2019

2.2 MEMBERSHIP

The total membership as of the 5th June 2019 was 279 (up from 263 in June 2018) with the following membership numbers:

- 197 Professional Members (PGeo) of the Institute; 168 of whom are EFG members (EurGeol)
- 42 Members in Training (MIT);
- 12 Retired Members;
- 6 Associate Members; and
- 22 Student Members.

The membership grew by the following numbers in the year 2018-2019:

- New professional members: 3
- New MITs: 9
- New Associate members: 1
- New Retired members: 1
- New Student members: 2

During the period 2018 – 2019 the following changes occurred in the members database:

- 3 members were de-listed due to non-payment of fees and non-receipt of CPD (1 x PGeo and 2 x MITs)
- 4 PGeos resigned their memberships
- 1 PGeo changed membership status to Retired Membership category
- 1 PGeo changed membership to Associate Membership category

The reason cited for members resigning their IGI membership included change of career and retirement from the geoscience industry. One member, who has changed career direction but wishes to stay in touch with the geoscience community changed their membership to Associate member.

2.3 MEMBERS IN GOOD STANDING

To be a 'Member in good standing' of the IGI you must have completed and returned your CPD forms and be fully paid up in terms of subscription. It is up to individual Members to ensure that they comply with these requirements in order to be considered a Member in good standing with the Institute.

During the 2018-2019 year a review of CPD and fee payment compliance was carried out, following poor compliance levels in 2017-2018. A redesign of the CPD form and renewed communications to members has resulted in improved compliance rates this year. To try to reduce the significant burden on the IGI office in chasing up CPD and fee de-faulters, an administrative fine will be levied on members who remain in default after 31st May. Individual communications are issued from the office to members in default, so please do ensure we have your up-to-date email address(es) on file.

2.4 IGI ADMINISTRATION

The IGI Board, various committees, panels and working groups continues to be supported by the IGI Executive Secretary Karen-Lee Ibbotson. Over the 2018-19 year Karen Lee's efficiency and enthusiasm has greatly helped the organisation run smoothly and through the year we received many messages of thanks from members on foot of their interactions with Karen on administrative matters.

2.5 SECRETARY'S APPRECIATION

I would like to thank the Board Members for dedicating their time and effort to the work of the IGI Board throughout the year. The Board is supported in their work by a large number of members in various committees, panels and working groups, which is gratefully acknowledged. In particular the work of Morgan Burke and the Validation Committee, which continues to ensure that applications are reviewed and validation interviews held in a timely manner, is acknowledged. On behalf of IGI, I would like to gratefully acknowledge the support of Arup in providing the Board meeting venues / facilitating conference calls during the past year.

EurGeol Mairéad Glennon PGeo
Honorary Secretary, June 2019

3.0 HON. TREASURER'S REPORT

A copy of the 2018 (draft) Financial Statements for the IGI as prepared by Kieran Ryan & Co, Chartered Accountants and Registered Auditors, is attached to the Annual Report. This is the ninth year Kieran Ryan & Co. has audited the Institute's accounts and prepared its financial statement. The financial statement reflects the Institute's financial position to the year end 31st December 2018.

The Institute realised a deficit of -€1,703 in 2018 compared to a surplus of €39,812 in 2017.

Total income for 2018 was €53,304 and total expenditure was €55,034 for the year.

The Institute had net assets of €92,140 at year end 2018 with approximately half of the assets in a low yielding standard savings account.

The surplus decreased in 2018 compared with 2017 was primarily due to the income realised from H2020 projects in 2017. No significant income was received from H2020 projects in 2018 and the Institute ran a number of courses at break-even or a slight loss. There was no increase in the membership fees during 2018.

EurGeol Cian O'Hora PGeo

Hon. Treasurer, June 2019

4.0 IGI COMMITTEE / WORKING GROUP REPORTS

4.1 VALIDATION COMMITTEE

The Validation Committee held three validation interview sessions since the last AGM held in July 2018. A total of ten applicants were approved for professional membership during the period.

On the *8th October 2018* a panel comprising Morgan Burke, Deirdre Lewis and Dave Blaney interviewed two candidates:

- i) Deirdre O'Hara**
- ii) Jim Sweeney**

Both candidates met the required educational and technical criteria and were recommended by the interviewing panel for acceptance as Professional Geologists.

On the *28th January 2019* a panel comprising Morgan Burke, Deirdre Lewis and Dave Blaney interviewed four candidates:

- i) Greg Balding**
- ii) Stephen Kealy**
- iii) John Conneally**
- iv) John Bligh**

All candidates met the required educational and technical criteria and were recommended by the interviewing panel for acceptance as Professional Geologists.

On the *11th February 2019* a panel comprising Morgan Burke, Sean Finlay and Mark Conroy interviewed four candidates:

- i) Paul Wilson**
- ii) Alison Orr**
- iii) James Lalor**
- iv) Jennifer Allen**

All candidates met the required educational and technical criteria and were recommended by the interviewing panel for acceptance as Professional Geologists.

Ten applicants for the MIT category were approved during the past year:

- i) **Barry Crowley**
- ii) **Lloyd Vaz**
- iii) **Sean Troy**
- iv) **Mark Coughlan**
- v) **Diarmuid MagLochlainn**
- vi) **Colm Long**
- vii) **Luke Holland**
- viii) **Grace Kelliher**
- ix) **Rashaqat Ali Siddiqui**
- x) **Gabriella Horan**

The mix and competence of candidates interviewed and assessed in the past year has demonstrated the varied disciplines in the IGI, extending from mineral geology, to hydrogeology, to environmental geology. The elected candidates are a welcome addition to the collective experience of IGI members.

EurGeol Morgan Burke PGeo.

Chair of the Validation Committee

4.2 IGI STRATEGIC PLAN WORKING GROUP

The IGI last undertook a strategic review of its' aims and objectives in 2011. In order to ensure that the organisation maintained its' relevance to members and their needs in an ever-evolving sector, it was decided in 2018 to initiate an updated review.

A working group was established, led by Mairead Glennon, along with Catherine Buckley, Henning Moe, Gareth Jones & Ed Slowey. The review process involved several steps:

- Stakeholder analysis
- Member and stakeholder organisation consultation
- Identification of priority objectives, actions and measures
- Preparation of a 6-year strategy

Response by members and stakeholder organisations to a survey questionnaire has been excellent. This process has highlighted several priorities which will provide a focus for the new strategy, and the aim will be to have this ready for launch at the IGI 20th anniversary conference on 11th October 2019.

EurGeol Ed Slowey PGeo

June 2019

4.3 ETHICS AND DISCIPLINARY COMMITTEE

The Members of the Ethics Committee are EurGeol Dr. Jonathan Derham PGeo (Chair), EurGeol Dr. John Ashton PGeo and EurGeol Dr. Matthew Parkes PGeo.

The Members of the Disciplinary Committee are EurGeol Dr. Eibhlín Doyle PGeo (Chair), EurGeol Dr. Deirdre Lewis PGeo and EurGeol Nick O'Neill PGeo.

The current Members of both the Ethics and Disciplinary Committees have kindly agreed to serve for another year.

The Ethics & Conduct committee can confirm that one complaint was adjudicated on in the last year. A complaint was received regarding the professional conduct of a member. In line with the Articles of Association, this complaint was first referred to the Ethics Committee who conducted a thorough review of the complaint and the defendant's response. Some items were dismissed and those that were upheld were referred to the Disciplinary Committee. This item is now closed.

4.4 CONTAMINATED LAND WORKING GROUP

The Contaminated Land working group met twice during the year, in December 2018 and February 2019.

The contaminated land working group for the IGI consists of the following:

- Claire Clifford – Chair
- Catherine Buckley
- Mairead Glennon
- Cian O'Hora
- Eoin Wyse

This working group was set up to deal with matters arising in relation to Contaminated Land which would have an impact on our members in line with the overall IGI Strategy. They are also responsible for the maintenance and review of the IGI's Register of Professionally Qualified Geoscientists / Competent Persons (in respect of environmental risk assessment for regulated and unregulated waste disposal and contaminated land). Finally, the working group is to look at providing relevant contaminated land training to our members.

EurGeol Eoin Wyse PGeo

4.5 EIA WORKING GROUP

The guidance document ***Guidelines for the Preparation of Soils, Geology and Hydrogeology Chapters of Environmental Impact Statements*** was published by the IGI in 2008.

There have been a number of changes to the EU, and resulting Irish, legislation which informs environmental impact assessment since this publication. The most significant of these are:

- EU Directive 2011/92/EU and its
- Subsequent amendment by Directive 2014/52/EU.



Member states were required to transpose this legislation into their national legal systems by 16 May 2017. The Irish legislation comprises:

- European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018, which amend 2000 Planning Act and 2001 Planning Regulations.

A number of provisions of the Irish legislation have been backdated to May 2017.

New guidance on environmental impact assessment and reporting (EIAR) has been issued by the European Commission, the Environmental Protection Agency and the Department of Housing, Planning and Local Government to include these legislative changes. These guidance documents address the whole EIAR process, rather than the individual elements which may be subject to impact.

The existing IGI guidance therefore needs updating in order to reflect these changes in the environmental impact assessment procedures and reporting, as they apply to the soils, geology and water elements of the environment.

A working group has been set up, following on from a call to the IGI membership for volunteers. It includes members from public service and industry, with a range of experience across the areas of the guidance.

- Two meetings have taken place to date;
- Review of the existing guidelines to identify the areas which need updating and additional topics which need inclusion was carried out;
- Work is ongoing on updating topics and researching new topics to be included.

IGI members have been requested (by email) to give feedback on the existing guidelines (clarity, usability etc.) so as to guide the working group in producing the best update for users of the guidance. We encourage members who have an interest in this area to give us feedback

EurGeol Dr. Suzanne Tynan PGeo

4.6 CONTINUING PROFESSIONAL DEVELOPMENT (CPD)

The year was notable from the point of view of the new CPD record form used for the first time for the year 2018. The Board and Executive Secretary, given difficulty in recent years with getting members to complete their returns in a timely manner, were intent on setting strict deadlines. On both these fronts there has been a very pleasing response from members.

First, the new CPD form has been successfully used by most members with review of returns resulting in a low percentage of revisions necessary. At the time of writing, the returns of engineering based members are being reviewed, while 113 returns of geologist members have been checked. A total of 21 geologist returns have required revision, five will be flagged for completion on old form (which will not be accepted next year). The remaining 87 were accepted as submitted. Of those revised, five revisions resulted in additional accredited CD hours, three were unchanged and 13 had CPD hours reduced. The most common error was in the 'Participation' category where this was, for example taken to refer to referring to presentation in say a conference which is actually 'Informal Activity'. Some members put more than 1 hour in the 'Membership' category against a particular organisation. Second, in terms to timely return of CPD forms, there has been a significant improvement. At the time of writing, 209 of the 231 eligible members have completed their CPD returns. The remaining members face the €25 Administrative fee introduced by the Board for late submission and the possibility of delisting.

To ensure that the IGI can easily make contact when necessary with each member a second third party contact was requested on the CPD form. While many gave a second personal contact, very few gave a third party contact. The need for this is to ensure communication can be made in the event of overdue subscription or to inform a member of a delisting. It is urged that, to minimize the risk of avoidable, unnecessary delisting, all members make a third party address to the IGI Secretary.

EurGeol Dr. Bill Sheppard PGeo

June 2019

4.7 20TH ANNIVERSARY OF THE IGI

This year we, the IGI, are celebrating our 20th anniversary. Happy birthday everybody! Having been established in 1999 to promote and advance the science of geology and its professional application in all disciplines, the IGI has over the last twenty years gone from strength to strength. This is down to you our members who voluntarily represent the IGI not only at board level but through representation on various working groups, conferences and committees both nationally and internationally. This membership-led ethos of the IGI has created a close-knit community where there is always an IGI member available for advice.

To mark the occasion, we will be hosting a one-day conference / networking event on Friday 11th October. The event will be held in the Sheraton Hotel in Athlone and will be a mix of lectures, discussion panels and networking events. Topics for discussion will be climate change and community relations and we hope through modern technology to allow audience participation in the whole process.

Naturally the whole event will be wrapped up with a birthday dinner including cake. So please save the date and watch out for updates on the event. Our organising committee is working hard behind the scenes to give the organisation the celebration it deserves. We hope to see you there.



EurGeol Paul McDermott PGeo

5.0 SPECIALIST REGISTERS

5.1 RoGEP

The UK Register of Ground Engineering Professionals (RoGEP) which is a specialist register maintained by the Institution of Civil Engineers (ICE), the Institute of Materials, Minerals and Mining (IoM3) or the Geological Society of London (GSL), provides a means to identify individuals who are suitably qualified and competent in ground engineering from the background of consultants, contractors, public bodies or academia. Those on the register may be involved in various disciplines or on various projects that fall within the broad heading of ground engineering. They must have an appreciation of other disciplines and interests that extend beyond, but interface with, ground engineering. They must be able to demonstrate how ground engineering interacts with other technical professions.

The IGI along with Engineers Ireland have signed an agreement which will allow the setting up of an Irish branch of RoGEP. The first eight Irish RoGEPs nominated by Engineers Ireland have just been registered and three more nominated by the IGI are due to be registered over the coming months. These individuals will then act as references and also assessors for the next wave of RoGEPs from Ireland.

One of the purposes of the register is to provide a means of demonstrating the ground engineering competences, for example those required for the roles of Ground Engineering Professional, Ground Engineering Specialist and Ground Engineering Adviser, as defined by the Site Investigation Steering Group (SISG) and other specifications, codes and standards.

There are three grades of registrants:

Registered Ground Engineering Professional

Registered Ground Engineering Specialist

Registered Ground Engineering Adviser

We had one successful applicant in the past year (Kate Corcoran) and await further applicants which will be supported by the IGI. If you are interested in applying for this please don't hesitate to contact the IGI office.

EurGeol Eoin Wyse PGeo

5.2 PYRITE REGISTER

CPD returns for those members on the register will be checked for confirmation that each professional Member meets the competency requirements and to self-regulate as a Competent Person as per the Code of Practice.

To assist in maintaining CPD levels we are currently in the process of putting together another one day course in pyrite and other deleterious materials in construction aggregates.

EurGeol Eoin Wyse PGeo

5.3 REGISTER OF PROFESSIONAL QUALIFIED GEOSCIENTISTS/COMPETENT PERSONS: REGULATED AND UNREGULATED WASTE DISPOSAL/CONTAMINATED LAND ASSESSMENTS

The IGI continues to maintain the Contaminated Land Register for Professional Members who meet the competency requirements as set out in the EPA Code of Practice Environmental Risk Assessment for Unregulated Waste Disposal Sites.

The Register lists professionally competent and accredited geologists (Professional Geologist, PGeo, or equivalent international mutually recognised title, such as Chartered Geologist, CGeol (UK), who have demonstrable experience and expertise to carry out risk-based assessments of historical unregulated landfill sites and contaminated lands sites.

CPD returns for those members on the register will be checked for confirmation that each professional Member meets the competency requirements and to self-regulate as a Competent Person as per the Code of Practice.

EurGeol Eoin Wyse PGeo.

6.0 2018 – 2019 EVENTS

The last year has been a busy one with varied events designed to appeal to our members. As always, if you have a particular training need or have a proposal for an interesting talk please just get in touch with the IGI office (info@igi.ie).

6.1 LECTURES/TALKS

In October 2018, we hosted a double bill of lectures by Doug Bartlett (Principal Hydrogeologists with Clear Creek Associates in Arizona) and Dr. Aaron Johnston (Executive Director of the American Institute of Professional Geologists). They presented talks on: *“Copper mining in the southwestern United States – understanding and managing environmental impacts”* and *“Complexities of Mined Land Remediation in the United States: A Case Study of the Tri-States (Kansas-Missouri-Oklahoma, USA) Mining District”* respectively. For the first time we broadcast these talks as Webinars, allowing our members to listen in from home or office, from both near and far. Whilst we did have some sound issues, we are hopeful of using this technology again in the future.

In March 2019, whilst on holiday in Ireland with his wife Kath, Mark Priddle (President of Geoscience Canada) visited us in Merrion Square and delivered two very engaging talks on: *“Professional Geoscience Regulation in Canada – An Update”* and *“Perspectives on Rural Domestic Groundwater Supplies in Eastern Canada – Water Sources and Protection”*. The hydrogeologists in the audience discovered that our Canadian colleagues face many of the same challenges as we do here in Ireland!



Mark and Kath Priddle (photo courtesy of Gareth Jones)

Karen-Lee Ibbotson PGeo

6.2 IGI HONORARY FELLOWSHIP AWARD

The IGI Honorary Fellowship was developed for those geoscientists who have contributed significantly to Earth Science on an international platform. The Past Presidents of the IGI, along with the current Board, proposed Mr. Ollie Bonham as a worthy recipient of the IGI Fellowship Award in recognition of his outstanding achievements in the field of professional geology.

The IGI hosted an award ceremony in the National Concert Hall, Dublin, on 4th October 2018. It was a wonderful occasion, made all the more so by the presence of Ollie's family, friends and former classmates, many of whom had travelled specially to attend the event. Ollie delivered an interesting and thought-provoking lecture on self-regulation of the geoscience industry which led to many questions and much discussion. IGI President Catherine Buckley then presented Ollie with his award. In her speech, Catherine touched on the significant contribution that Ollie has made to the field of Professional Geology including the establishment of international Co-operation Agreements and Mutual Recognition Agreements, which many of our own members benefit from. Ollie very kindly presented the IGI with a book on Canada's Geological Heritage. We then enjoyed a lovely meal and took the opportunity to chat and mingle in the lovely surroundings of the National Concert Hall.



IGI President Catherine Buckley presenting Ollie with the award



Classmates and mentors - Ed Sides PGeo, Ruth Lynam, Tom Blake, Mary Carter PGeo, Ollie Bonham PGeo, Bill Sheppard PGeo, Maeve Boland PGeo, George Sevastopulo.

Karen-Lee Ibbotson PGeo

6.3 AVOCA FIELD TRIP

The Institute of Geologists of Ireland hosted a one-day field trip to the former mines site at Avoca in Co. Wicklow on Saturday, 3rd November 2018. As fitting for a fieldtrip in Wicklow in November it was a truly miserable day. It rained, then rained some more and then when that was finished it rained even more. It is to the credit of the members that we had a full turn out and despite the rain, have I mentioned the rain; the trip was both informative and enjoyable.

The field trip provided members with a history of the mining at Avoca, the geology and mineralisation of the area, an overview of the recent remediation work and a summary of the major scientific findings. They also saw first-hand the legacy of the mining operations, and learnt about the many investigations which have provided new information and perspectives on risk assessments and remedial options. We started in Cronebane pit where Bill Sheppard (Liamin Consulting) talked us through the geology and mineralisation of the area. Eibhlín Doyle (EMD) then gave us the history, legacy and an overview of the remedial actions and studies including the specific challenges of the Cronebane pit itself.



Dr E. Doyle (EMD) explaining to the hardy IGI members the mining history of the Cronebane Pit at Avoca

The group then visited the Tigroney (House of the Romans) East taking in East Avoca Pit and the protected structures of Baronet's Engine House and the Dresser Floor within its curtilage. Ruaírl O'Carroll (CDM Smith) talked us through the number of Protected Structures within the mine site and the work the Department is doing to maintain them.



Tracking up out of East Avoca Pit in the rain

Last stop of the day was to view the recently completed remediation work at Tigroney West, including the entrance to the 850 Adit. Ruaírl took us through the work carried out, the challenges of the site and the next stages of the project. He also gave an overview of the status of the Avoca River which cuts through the mine site, acid mine drainage pathways; tracer tests on the 850 Adit / Deep Adit / Avoca River, and a summary of the point verses diffuse metals loading.



Ruaírl O'Carroll of CDM Smith explaining about the remedial work at Tigroney West to the group at the entrance to the 850 Adit, with the Williams Engine House in the background

It was then back to the car park where we got the answer to the age old question of how many geologists does it take to change a tyre on a wet miserable day in Avoca. The answer was a lot, but then again there were several consultants in the group and once they get involved.....

The IGI would like to thank the Exploration and Mining Division (EMD) for facilitating the trip, together with consultants CDM Smith and Liam Consulting. We would also like to thank the presenters Eibhlin Doyle, Paul McDermott, Ruaírl O'Carroll and Bill Sheppard for an outstanding job in tough conditions. If you are interested in finding out more about the remedial work at Avoca please visit the Department of Communications, Climate

Action and Environment website at www.dccae.gov.ie/avoca which includes the 2008 Feasibility Study and a 3D scan of the 850 Adit.

EurGeol Paul McDermott PGeo

6.4 COURSES/WORKSHOPS

The IGI engaged Professional Training to deliver a Report Writing and Presentation Skills workshop to our early career stage members in March 2019. Due to the demand we ran the course twice. Twenty-four people attended over two days. The IGI is always keen to run events outside the capital – we asked members to express a preference for the location of this course, either Dublin or Cork, but a disappointingly small number indicated Cork as a preference; two. Perhaps next time we run this course we will garner sufficient numbers to deliver it elsewhere.

In April 2019, the IGI joined forces with the IMQS, IAEG and Geoscience Ireland to host a one-day Practical Mining Course delivered by Lisheen Technical and Mining Services – LTMS. The course provided an overview of mining and was designed to give geoscience professionals, such as geologists, geotechnical engineers, environmentalists and planners an understanding of the mining process from the exploration stage to mine closure. Again, demand meant we ran the course twice, on two consecutive days with sixty-four people attending. The course appealed to a wide audience of geoscientists with representatives from GSI, EMD, GSNI, iCRAG, Northern Ireland Minerals and Petroleum Branch, Tara Mines, mining consultants and students.

Thank you to the GSI for providing us with the venue for both these events.



***GSI Director, Koen Verbruggen
PGeo welcoming LTMS***

Karen-Lee Ibbotson PGeo



***Andrew Gaynor PGeo (Geoscience Ireland),
Mairead Glennon PGeo (IGI), Brendan Morris
and Padraig Barrett (LTMS)***

7.0 COMMUNICATIONS AND OUTREACH

7.1 WEBSITE

The redeveloped IGI website was maintained by Eamonn Kelly, SLR Consulting Ltd. The website easily shows all upcoming events, and provides easy links to latest news, the IGI LinkedIn pages and Twitter profile. Recent updates include updates on committee members and the “Free to Join” membership to students.

7.2 LINKEDIN GROUP

The IGI’s LinkedIn Group continues to be a useful forum for promoting events and news. Although this information is also disseminated on an email list, LinkedIn facilitates discussions and comments on posts for members within the group. The Group administrator is Karen-Lee Ibbotson.

7.3 TWITTER

The IGI Twitter account is becoming increasingly popular with new followers, follow us

@IGI_PGeo. A social media presence has become an essential aspect of any outward-facing communications strategy, providing a forum for the public dissemination of IGI news in an informal way. From a year ago, the number of followers of @IGI_PGeo has increased 434 in 2-17 to 623 in 2018 and to 732 in June 2019. The account provides fast news, content and links to geoscience in Ireland. The Board intend to start publishing more original content on our Twitter page over the coming months. The IGI twitter account is managed by Karen-Lee Ibbotson.

7.4 WEEKLY BULLETIN

The weekly bulletin continues to serve as a useful communication tool, identifying upcoming course and lectures as well as advertised job positions in the geosciences. The bulletin is particularly useful to new members in assisting them with the understanding of the organisation and the regular events held across the country. The IGI office appreciates being notified of any events that members feel would be of interest to other members, please forward relevant information to Karen at info@igi.ie.

7.5 IRISH GEOLOGICAL RESEARCH MEETING (IGRM)

The IGI was delighted to sponsor the IGRM in UCD in March 2019, reaching students from third level institutions across the island. Our stand, with various promotional material was on display throughout.

Feedback received in 2018 from our representation at events was that our stand and promotional material requires enhancement. As a result of this feedback, three new promotional stands have been developed which have been well received. The new stands display a range of photos that were entered into last years Photography Competition.



Various Board members in front of our three newly designed promotional stands

7.6 BT YOUNG SCIENTIST EXHIBITION

The IGI assisted with the Geological Stand at this years Young Scientist Exhibition, which took place in the RDS from 9th – 12th January. A number of our members volunteered their time to assist with demonstrations and to interact with the students.

Karen-Lee Ibbotson PGeo

8.0 THE IGI MENTORING SCHEME

The IGI established a free, voluntary mentorship scheme for members in 2016 in order to support the career development of IGI members. The scheme has been supporting members in order to prepare for chartership, develop Personal Career Plans within the IGI CPD framework and to manage career changes which many of us experience as geoscience professionals. Participation in the scheme as a mentor or mentee is also eligible for CPD of up to 10 hours per year.

A mentoring workshop was run by IGI in early 2018. The course had a positive impact mentor and mentee numbers.

Priorities for the future of Mentoring Scheme will be to formally gauge the level of participation by undertaking a review of CPD hours recorded against mentoring activities. The IGI strongly recommends attendance at a Mentoring workshop before volunteering as a mentor, in order to reduce the risk of poor mentoring relationship outcomes and to ensure quality for mentees. For future mentoring workshops to be economically viable for the IGI and members, a more concerted and focussed effort to attract prospective mentors and mentees into participation is required and this will be addressed as part of the IGI's new 6-year strategy. The gender profile of the mentor list is currently 77% male and 23% female, so increasing female representation and participation in both mentor and mentee roles will also be a priority. The IGI will consider linkages with other organisations to increase mentoring activities and welcomes feedback from members on the scheme.

The IGI reminds EurGeol members about the EFG mentorship programme. We are aware of two IGI PGeo members who have acted as mentors to overseas EFG members during the last year, and we would welcome being notified by members who avail of or partake in this programme in the future.

The current list of mentors is available on the IGI website or from the IGI office.

EurGeol Mairead Glennon PGeo

9.0 PARTICIPATION

9.1 EUROPEAN FEDERATION OF GEOLOGISTS (EFG)

The European Federation of Geologists is a non-governmental organisation that was established in 1980 and includes 26 national association members (representing over 45,000 geoscientists across Europe) and two associated members American Institute of Professional Geologists (AIPG) and Geoscientists Canada. EFG is a professional organisation whose main aims are to contribute to a safer and more sustainable use of the natural environment, to protect and inform the public and to promote a more responsible exploitation of natural resources. EFG's members are National Associations (NAs), whose principal objectives are based on similar aims. The guidelines to achieve these aims are the promotion of excellence in the application of geology and the creation of public awareness of the importance of geoscience for society.

The IGI Delegates to the EFG for 2018/19 were Eoin Wyse and Jon Hunt. Marie Fleming (IGI) is chair of the EFG Registration Authority.

During 2018, the EFG continued to promote the professional mobility and status of geologists in the 26 member states across Europe, through the expanding use and recognition of the EurGeol title, involvement in EU funded projects, making representations to the EU Commission and liaison with other international geological bodies. National and international awareness of the profession is maintained through publication of the *European Geologist* journal and the EFG newsletter, close liaison with the EU parliament and via its own web site at www.eurogeologists.eu.

The EFG is run by a Council consisting of delegates from all member national associations such as the IGI, from which a 5-member Board is elected. Each member country has one vote at Council Meetings. The current EFG President is Marko Komac from Serbia whose term of office started in November 2018 with a six month overlap with outgoing president Vitor Correia. The Council meets twice a year with a Winter Council meeting held in November/December in Brussels and a Summer Council member held in May/June in one of the member countries. The executive authority of the Council is enacted by the Board, which is appointed for a two year term and comprises a President, Vice-President, General Secretary, Treasurer and External Relations Officer. The Board meets four to six times per year, mostly in Brussels, with the day to day business of EFG maintained within the Board by email.

Jon Hunt and Eoin Wyse attended the Winter Council meeting in Brussels on the 17th/18th November 2018. It followed the EU Raw Materials Week. The main focus of the meeting was:

- Approval of revised CPD Scheme for EurGeol title holders
- Election of new president (see above)
- National Association presentations on their activities.



EFG Delegates at the Winter Council Meeting in Brussels

Dinner Debate

In addition to the two council meetings the EFG and European Geosciences Union (EGU) hosted a dinner debate in Brussels entitled “Horizon Geoscience: overcoming societal challenges, creating change”. Jon Hunt took part and was in attendance as 80 scientists, policymakers and industry professionals discussed how greater collaboration can be achieved including:

- continued support for collaboration in the upcoming Horizon Europe programme through its mission-oriented approach and the European Innovation Council.
- Science communication and societal impact with the need for scientists to communicate their research in a way that is more understandable to policymakers.
- Opportunities to network and interact through more events that bring different sectors together.
- Interdisciplinarity with focus on broader, more outward-facing topics.



Iain Stewart presenting at the dinner debate

One Day in Europe Series

One Day in Europe is a feature of EFG's monthly newsletter GeoNews. Eoin Wyse featured in [April's edition](#) and he gave an insight into his role with IGI as well as some of the challenges facing the IGI and how it is addressing them.

9.2 EU FUNDED PROJECTS

The IGI are currently involved as an EFG linked partner to the following H2020 projects:

UNEXMIN - Autonomous Underwater Explorer for Flooded Mines

This H2020 project (690008) is aimed at developing novel robotic systems for the autonomous exploration and mapping of Europe's flooded underground mines. The Robotic Explorer (UX-1) uses non-invasive methods for autonomous 3D mine mapping for gathering valuable geological and mineralogical information. The aim of this technique is to develop new exploration scenarios so that strategic decisions on the re-opening of Europe's abandoned mines can be supported by actualised data that cannot be obtained by any other means. The Multi-robot Platform represents a new technology line that is made possible by recent developments in autonomy research that allows the development of a new class of mine explorer service robots, capable of operating

without remote control. Such robots do not exist at present. Research challenges include miniaturisation and adaptation of deep sea robotic technology to this new application environment and to the interpretation of geoscientific data.

CHPM - Combined Heat, Power and Metal extraction from ultra-deep ore bodies

The CHPM2030 project (project number: 654100) aims to develop a novel, pilot level technology which combines geothermal resource development, minerals extraction and electro-metallurgy in a single interlinked process. In order to improve the economics of geothermal energy production the project will investigate possible technologies of manipulating metal-bearing geological formations with high geothermal potential at a depth of 3-4 km in a way that the co-production of energy and metals will be possible and may be optimised according to the market demands in the future. Led by the University of Miskolc, the project will be implemented in the cooperation of 12 partners from 10 European countries.

EurGeol Dr. Jon Hunt PGeo

9.3 NSAI WORK

Over the past 12 months work has been ongoing in a number of topics relating to the use of defective or deleterious material in construction products.

IS 465:2018 “Assessment, Testing and Categorisation of Damaged Buildings incorporating Concrete Blocks containing Deleterious Materials” was published on 13/11/2018. This document been developed for use by those who intend to provide assessment and testing services for dwellings that are suspected of being affected by defective concrete blocks. Furthermore the Standard Recommendation, SR18:2008, Guidance on the use of IS EN 13139:2002 – Aggregates for Mortar is currently undergoing review, with the aim of issuing for public consultation later in the summer.

The IGI would like to thank the following PGeo’s who have been involved in the writing of both documents: Dr Robbie Goodhue PGeo, EurGeol Tom Moore PGeo, EurGeol Eoin McGrath PGeo and EurGeol Eoin Wyse PGeo.

EurGeol Eoin Wyse PGeo

9.4 PERC

The Pan-European Reserves and Resources Reporting Committee (PERC) is constituted to promote best practice in the public reporting of Exploration Results, Mineral Resources and Mineral Reserves. In this context PERC is responsible for managing the PERC Reporting Standard and serves as the CRIRSCO National Reporting Organisation (NRO) for Europe including (but not restricted to) countries of the European Union and European Economic Area. European countries excluded from the scope of PERC include Russia and any other countries which have defined reporting standards that are recognised as aligned with the CRIRSCO Template and have their own, separate, representation in CRIRSCO.



Participating Organisations and Membership

PERC was established by four professional organisations, namely:

- the Institute of Materials, Minerals, and Mining (IOM3);
- the European Federation of Geologists (EFG);
- the Geological Society of London (GSL); and
- the Institute of Geologists of Ireland (IGI).

In 2017, two additional bodies, were accepted as participating organisations, namely:

- the Iberian Mining Engineers Board (IMEB) – representing mining engineers from Spain and Portugal; and
- the Fennoscandian Association for Metals and Minerals Professionals (FAMMP) – representing mining professionals from Finland, Norway and Sweden and which replaces the role previously fulfilled by the Fennoscandian Review Board (FRB)

The six professional organisations are entitled to appoint four representatives each to PERC. Additional committee members with specialist knowledge or interests are co-opted onto PERC from time to time. The current membership of PERC is listed on the PERC website at: <http://www.percstandard.eu/>.

The participating professional organisations accredit their members with professional qualifications which are recognised as meeting the requirements for their members to act as Competent Persons.

Summary of activities during 2018/2019

PERC Executive and IGI representatives

In September 2018, Pim Demecheleer was appointed as Chairperson to fill the position which had become vacant at the previous AGM in May 2018. At the same time Ed Sides was appointed as the second PERC representative on CRIRSCO and also became one of the IGI's official representatives on PERC in place of John Barry.

At this year's AGM which was held in May 2019, Neil Wells stepped down as Deputy Chairperson and was replaced by Markku Iljina. Neil Wells remains as the first PERC representative on CRIRSCO and currently serves as Chairperson of CRIRSCO.

The current PERC officers and official representatives are as follows:

- Chairperson: Pim Demecheleer
- Deputy chairperson: Markku Iljina
- 1st CRIRSCO representatives: Neil Wells, Ed Sides
- Treasurer: Ruth Allington
- Secretary & 2nd CRIRSCO representative: Edmund Sides

The current IGI representatives on PERC are: Paul Gordon; Andy Bowden; Paul McDermott and Ed Sides.

Changes to PERC list of RPOs

During the year, there were two significant changes to the PERC list of RPOs, namely:

- The finalisation, in February 2019, of the FAMMP organisational structures and the approval by PERC of the addition of the category of "**FAMMP – Member**" to the PERC list of RPOs; and
- The finalisation, in March 2019, of the IMEB organisational structures and the approval by PERC of the addition of the category of "**IMEB – Member**" to the PERC list of RPOs.

The other CRIRSCO NROs will now be contacted in order to establish reciprocal recognition of these new membership categories as RPOs by other NROs.

PERC activities

The 2019 PERC AGM, was held at the Fundacion Gómez Pardo, Calle Alenza 1, Madrid, Spain and was hosted by the Iberian Mining Engineers Board (IMEB). As reported at the AGM, PERC has been more active during the past year than in previous years due to the introduction of some new approaches, including:

- The holding of regular teleconferences of the PERC Executive so as to ensure that action points noted from the previous AGM, and during the course of the year, are followed up in a timely manner. Executive teleconferences have been held at 6- to 8-week intervals, with a total of six teleconferences having been held since the last AGM.
- The use of electronic polls (based on doodle.com) to allow all PERC committee members to participate in important decisions during the intervals between AGMs, without the need to try to arrange an extraordinary AGM. Three electronic polls were held during the year, namely to approve the change in Chairperson and second CRIRSCO representative (18 responses), approval of the addition of FAMMP-Member to the PERC list of RPOs (26 responses) and approval of the addition of IMEB-Member to the PERC list of RPOs (28 responses).
- Trialling the position of 'shadow' Chairperson so as to assist the Chairperson and to provide an opportunity to gain experience of the work of the PERC Executive. Markku Iljina has been fulfilling this role.

PERC Strategic and Business Plan

One important matter which was considered by the PERC Executive during the year is the need to develop and finalise a strategic plan for PERC together with a linked business

plan. A draft strategic plan which had been prepared by the PERC Executive, was discussed in some detail at the AGM and is likely to be developed further during the coming year.

Initial consideration of PERC's long-term business plan suggest that it is likely that in future PERC will be requesting an annual fee from all of the participating organisations, including the IGI, in order to ensure the long-term financial sustainability of PERC. This will allow PERC to continue its activities of representing the interests of the PERC participating organisations within Europe and also at an international level through PERC's membership of CRIRSCO.

EurGeol Dr. Edmund Sides PGeo, PERC Secretary

23rd May 2019

10.0 REPRESENTATIONS

10.1 EIA REQUIREMENT FOR DRILLING

In June 2018 the Exploration and Mining Division (EMD) of the Department of Communications, Climate Action and Environment (DCCAE) received legal advice that mineral exploration drilling fell within the scope of Annex II 2(d) of EIA Directive (2011/92/EU). In addition, it was identified that Statutory Instruments (SI) 543/2014 did not provide the legal basis for the Minister for Communications, Climate Action and Environment (MCCAE), the relevant Competent Authority, to undertake EIA Screening for exploration drilling. Therefore, EMD was unable to grant drilling permissions and a stay was placed on drilling until legislation could be enacted. To resolve the issue three statutory instruments (S.I. No. 384 of 2018, S.I. No. 385 of 2018 and SI No. 404 of 2018) were passed in September 2018 providing the MCCAE with the legislative basis to undertake EIA screening. Following enactment of the statutory instruments exploration drilling was allowed resumed once screened for Appropriate Assessment and EIA. The three SIs will remain in place until the full transposition of the EIA by the DCCAE is completed. The full transposition will be by way of amendments to the Minerals Development Act (2017).

EurGeol Paul McDermott PGeo

10.2 PETROLEUM AND OTHER MINERALS DEVELOPMENT (AMENDMENT) CLIMATE EMERGENCY MEASURES BILL 2018

The IGI issued a letter to Mr Brian Stanley TD, Sinn Féin Spokesperson on Communications, Climate Change & Natural Resources in July 2018 highlighting the significance of the minerals sectors to the Irish economy, both north and south of the border. The letter emphasized that the IGI supports the strict implementation of environmental regulations in mining and, indeed, that many of our members work in the environmental sector. An invitation was extended to liaise with Sinn Fein in relation to policy development within the minerals sector. No feedback or response has been received to date.

11.0 IRISH GEOSCIENCE NETWORK (IGN)

The Irish Geoscience Network (IGN) is an informal network of geoscience organisations, learned societies, universities and those involved in various aspects relating to the Earth Sciences in Ireland. It was established in 2012 to represent all geo-related disciplines on the island of Ireland, and to provide a forum for discussion, exchange of ideas, and improved communication among the extended geoscience community. The IGN held its annual meeting at Merrion Square on 27th March 2019 with seventeen organisations represented by those present. The main topics discussed were:

- The need for IGN members to inform the IGI office of events etc. so that the IGI online calendar can better represent the multiple activities.
- Updating of the current mailing list to include new members and remove inactive organisations.
- Expansion of IGN presence on IGI website.
- Upcoming events and in particular the upcoming INQUA 2019 conference.
- Current geoscience research

EurGeol Dr. Jon Hunt PGeo

12.0 INTERNATIONAL AGREEMENTS

12.1 MUTUAL RECOGNITION AGREEMENTS (MRAs)

The IGI now has six MRAs with the following organisations with their respective country in parentheses:

- i) Australian Institute of Mining and Metallurgy – AusIMM (Australia).
- ii) Geoscientists Canada – GC (Canada).
- iii) European Association of Geoscientists and Engineers – EAGE (International).
- iv) Southern Africa Institute of Mining and Metallurgy – SAIMM and the Geological Society of South Africa – GSSA jointly sponsoring the SAMREC and SAMVAL Committee – SSC (South Africa).
- v) Geological Society of London – GeolSoc (United Kingdom).
- vi) American Institute of Professional Geologists – AIPG (USA) – informal agreement.

The importance of maintaining these MRAs, based on continuing professional development (CPD) and ethically good professional practice cannot be overstated, given the international nature of geological practice and the mobility of IGI's membership. During the year our efforts were thanked by several Irish people now working in Canada who have been able to join Geoscientists Canada through the fast-track mechanism afforded by the MoU with GC.

IGI is currently working with the American Institute of Professional Geologists (AIPG) in a process towards a Mutual Recognition Agreement. The process is at the review stage where both organisations input their requirements for membership, CPD etc. into a document template and then discuss similarities and differences and whether they are generally compatible. The results will then be used as inputs into both organisations entering into a formal agreement. IGI and AIPG are aiming to complete the process before September 2019.

13.0 NOTICE OF ANNUAL GENERAL MEETING

Notice is hereby given that the Annual General Meeting of the Institute of Geologists of Ireland Limited will be held at 6.30 p.m. Wednesday 3rd July 2019 at the IGI Offices, No. 63 Merrion Square for the following purposes:

- i)** To receive and consider the Directors' Reports.
- ii)** To receive and consider the Audited Accounts for year ended December 31st 2018.
- iii)** To elect Directors.
- iv)** To transact any other ordinary business of the Annual General Meeting.

By Order of the Board

EurGeol Mairead Glennon PGeo

Honorary Secretary Dated 2nd May 2019

14.0 NOMINATIONS FOR DIRECTORS

The Nominations Committee, under the Chair of the Nominations Committee Marie Fleming (immediate Past-President), has presented the following list of candidates to stand for election at the forthcoming Annual General Meeting on 3rd July 2019:

Executive Directors:

President:	EurGeol Mairead Glennon PGeo	(1 st year of 2 year term)
Vice-President:	EurGeol Cian O'Hora PGeo	(1 st year of 2 year term)
Treasurer:	EurGeol Dr. Jon Hunt PGeo	(1 st year of 2 year term)
Secretary:	EurGeol Eoin Wyse PGeo	(1 st year of 2 year term)

Non-Executive Directors:

EurGeol Dr. Bill Sheppard PGeo	(3 rd Year as a Board Member)
EurGeol Ed Slowey PGeo	(3 rd Year as a Board Member)
EurGeol Dr. Susanne Tynan PGeo	(2 nd Year as a Board Member)
EurGeol Paul Mc Dermott PGeo	(2 nd Year as a Board Member)
EurGeol Dr. Alison Orr PGeo	(1 st Year as a Board Member)
EurGeol Ciara Bannon PGeo	(1 st Year as a Board Member)

NOMINATIONS COMMITTEE (*Comprising Past Presidents*)

EurGeol Marie Fleming PGeo (Chair)
 EurGeol Gerry Stanley PGeo
 EurGeol Dr. Deirdre Lewis PGeo
 EurGeol Dr. John Kelly PGeo
 EurGeol Kevin Cullen PGeo
 EurGeol Gareth LI. Jones, PGeo
 EurGeol Dr. Eibhlín Doyle PGeo
 EurGeol Peter O'Connor PGeo
 EurGeol John Clifford PGeo

No additional nominations to those above made by the Nominations Committee were received by the IGI Secretary by the deadline of the 21st May 2019.

15.0 IGI CORPORATE STRUCTURE

IGI OFFICE	63 Merrion Square Dublin 2
WEBSITE	www.igi.ie
EXECUTIVE SECRETARY	Ms. Karen-Lee Ibbotson PGeo (info@igi.ie)
WEBMASTER	Mr. Eamonn Kelly ekelly@slrconsulting.com
AUDITORS	Kieran Ryan & Co. Chartered Accountants and Registered Auditors 20 Upper Mount Street, Dublin 2
BANKERS	Bank of Ireland, College Green, Dublin 2
IGI REGISTERED OFFICE	6 Northbrook Road, Dublin 6
COMPANY NUMBER	31440
CHARITY NUMBER	CHY 13580
REGISTERED CHARITY NUMBER	20042721

IGI Board Members (2018-2019: Outgoing)

Executive Directors

President:	EurGeol Catherine Buckley PGeo
Vice President:	EurGeol Henning Moe PGeo
Secretary:	EurGeol Mairead Glennon PGeo
Treasurer:	EurGeol Cian O'Hora PGeo

Non-Executive Directors:

EurGeol Ed Slowey PGeo
EurGeol Dr. Jon Hunt PGeo
EurGeol Dr. Bill Sheppard PGeo
EurGeol Eoin Wyse PGeo
EurGeol Dr. Suzanne Tynan PGeo
EurGeol Paul McDermott PGeo

EFG National Licensed Body

The IGI is licensed by the European Federation of Geologists to award the professional title of European Geologist (EurGeol). The IGI's NLB Licence was renewed in 2016 for 5 years.

Standing Committees (2018-2019)

Ethics Committee

EurGeol Dr. Jonathan Derham, PGeo (Chair)

EurGeol Dr. John Ashton, PGeo

EurGeol Dr. Matthew Parkes, PGeo

Disciplinary Committee

EurGeol Dr. Eibhlín Doyle PGeo (Chair)

EurGeol Dr. Deirdre Lewis PGeo

EurGeol Nick O'Neill, PGeo

Validation Committee

EurGeol Morgan Burke PGeo (Chair)

EurGeol Mark Conroy PGeo

EurGeol David Blaney PGeo

EurGeol Dr. Eibhlín Doyle PGeo

Sean Finlay PGeo C.Eng

EurGeol Gerry Stanley PGeo

EurGeol Cecil Shine PGeo

CPD Audit Committee

EurGeol Catherine Buckley PGeo

EurGeol Dr. Bill Sheppard PGeo (Chair)

IGI Representation on Geoscience Bodies**Organisation****IGI Representative**

European Federation of Geologists

EurGeol Eoin Wyse PGeo

EurGeol Dr. Jon Hunt PGeo

GSI Consultative Committee

EurGeol Marie Fleming PGeo

GSNI Consultative Committee

EurGeol Dr. John Kelly PGeo

Founding Sponsoring Bodies

The IGI was established in 1999 with the support of the following sponsoring bodies:

- The Irish Association for Economic Geology www.iaeq.org
- The Geophysical Association of Ireland www.gai.ie
- The International Association of Hydrogeologists (Irish Group) www.iahireland.org
- The Irish Mining and Quarrying Society www.imqs.ie
- The Geotechnical Society of the Institution of Engineers of Ireland www.iei.ie

Affiliated Bodies

- The Geothermal Association of Ireland www.geothermalassociation.ie

Bodies with Reciprocal Links and/or Co-Operation Agreements

- American Institute of Professional Geologists
- Australian Institute of Mining & Metallurgy (JORC Committee)
- Geological Society of London
- Geoscientists Canada
- Geological Society of South Africa.
- South African Institute of Mining & Metallurgy (SAMREC Committee)
- South African Council for Natural Scientific Professions
- European Association of Geoscientists and Engineers

Bodies Recognising PGeo (or mutually recognised equivalent) Ireland:

- Exploration and Mining Division, DCCAE - required for prospecting licence work reports
- Environmental Protection Agency - preferred for professional work and reports; obligatory for hydrogeological assessment of historic landfill sites
- Department of Education and Skills - preferred for professional work and reports
- An Bord Pleanála preferred for professional work and reports
- Local Authorities - preferred for professional work and reports; obligatory for hydrogeological assessment of historic landfill sites.

Stock Exchanges

Ireland, Dublin

Stock Exchange UK,

London Stock Exchange

Australian Stock Exchange

Canadian Securities Administrators

South Africa, JSE Securities Exchange

16.0 AUDITOR'S REPORT FOR 2018

Company number: 314400

**INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)**

DIRECTORS' REPORT AND FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2018

DRAFT

**Kieran Ryan & Co.
Chartered Accountants and Statutory Audit Firm
20 Upper Mount Street
Dublin 2**

**INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)
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**INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)
DIRECTORS AND OTHER INFORMATION**

Directors	Catherine Buckley Henning Moe Cian O'Hora Claire Clifford (Resigned 26 July 2018) Mairead Glennon (Appointed 26 July 2018)
Company Secretary	Mairead Glennon (Appointed 26 July 2018) Claire Clifford (Resigned 26 July 2018)
Company Number	314400
Charity Number	13580
Registered Office	20 Upper Mount Street Dublin 2
Business Address	63 Merrion Square Dublin 2
Auditors	Kieran Ryan & Co. Chartered Accountants and Statutory Audit Firm 20 Upper Mount Street Dublin 2
Bankers	Bank of Ireland College Green Dublin 2
Solicitors	Hayes Solicitors Lavery House Earlsfort Terrace Dublin 2

**INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)
DIRECTORS' REPORT
FOR THE YEAR ENDED 31 DECEMBER 2018**

The directors present their report and the audited financial statements for the year ended 31 December 2018.

Principal Activity

The principal activity of the company is to promote and advance the science of geology and its professional application in all disciplines and to facilitate exchange of information and ideas in relation thereto.

The Company is limited by guarantee not having a share capital.

Financial Results

The (deficit)/surplus for the year amounted to €(1,703) (2017, €39,812).

At the end of the year, the company has assets of €96,058 (2017, €98,268) and liabilities of €3,918 (2017, €4,425). The net assets of the company have decreased by €(1,703).

Directors and Secretary

The directors who served throughout the year, except as noted, were as follows:

Catherine Buckley
Henning Moe
Cian O'Hora
Claire Clifford (Resigned 26 July 2018)
Mairead Glennon (Assigned 26 July 2018)

The secretaries who served during the year were;

Mairead Glennon (Appointed 26 July 2018)
Claire Clifford (Resigned 26 July 2018)

There were no changes in shareholdings between 31 December 2018 and the date of signing the financial statements.

Future Developments

The directors do not envisage any substantial changes to the nature of the company.

Post Balance Sheet Events

There have been no important events since the year-end.

Auditors

The auditors, Kieran Ryan & Co., Chartered Accountants and Statutory Audit Firm, have indicated their willingness to continue in office in accordance with the provisions of section 383(2) of the Companies Act 2014.

Statement on Relevant Audit Information

So far as the directors are aware, there is no relevant audit information of which the statutory auditors are unaware. The directors have taken all steps that they ought to have taken to make themselves aware of any relevant audit information and they have established that the statutory auditors are aware of that information.

**INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)
DIRECTORS' REPORT
FOR THE YEAR ENDED 31 DECEMBER 2018**

Accounting Records

To ensure that adequate accounting records are kept in accordance with sections 281 to 285 of the Companies Act 2014, the directors have employed appropriately qualified accounting personnel and have maintained appropriate computerised accounting systems. The accounting records are located at the company's office at 63 Merrion Square, Dublin 2.

Signed on behalf of the board

Catherine Buckley
Director

Cian O'Hora
Director

Date: _____

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**INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)
DIRECTORS' RESPONSIBILITIES STATEMENT
FOR THE YEAR ENDED 31 DECEMBER 2018**

The directors are responsible for preparing the Directors' Report and the financial statements in accordance with applicable Irish law and regulations.

Irish company law requires the directors to prepare financial statements for each financial year. Under the law the directors have elected to prepare the financial statements in accordance with the Companies Act 2014 and FRS 102 "The Financial Reporting Standard applicable in the UK and Republic of Ireland", applying Section 1A of that Standard, issued by the Financial Reporting Council. Under company law, the directors must not approve the financial statements unless they are satisfied that they give a true and fair view of the assets, liabilities and financial position of the company as at the financial year end date and of the surplus or deficit of the company for the financial year and otherwise comply with the Companies Act 2014.

In preparing these financial statements, the directors are required to:

- select suitable accounting policies for the company financial statements and then apply them consistently;
- make judgements and accounting estimates that are reasonable and prudent;
- state whether the financial statements have been prepared in accordance with applicable accounting standards, identify those standards, and note the effect and the reasons for any material departure from those standards; and
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the company will continue in business.

The directors are responsible for ensuring that the company keeps or causes to be kept adequate accounting records which correctly explain and record the transactions of the company, enable at any time the assets, liabilities, financial position and surplus or deficit of the company to be determined with reasonable accuracy and enable them to ensure that the financial statements and Directors' Report comply with the Companies Act 2014 and enable the financial statements to be readily and properly audited. They are also responsible for safeguarding the assets of the company and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

In so far as the directors are aware:

- there is no relevant audit information (information needed by the company's auditor in connection with preparing the auditor's report) of which the company's auditor is unaware, and
- the directors have taken all the steps that they ought to have taken to make themselves aware of any relevant audit information and to establish that the company's auditor is aware of that information.

Signed on behalf of the board

Catherine Buckley
Director

Cian O'Hora
Director

Date: _____

**INDEPENDENT AUDITOR'S REPORT
TO THE MEMBERS OF INSTITUTE OF GEOLOGISTS OF IRELAND
COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)**

Report on the audit of the financial statements

Opinion

We have audited the financial statements of Institute of Geologists of Ireland Company Limited By Guarantee ('the company') for the year ended 31 December 2018 which comprise the Income Statement, the Balance Sheet, the Reconciliation of Members' Funds, the Statement of Cash Flows and the related notes to the financial statements, including a summary of significant accounting policies set out in note 2. The financial reporting framework that has been applied in their preparation is Irish Law and FRS 102 "The Financial Reporting Standard applicable in the UK and Republic of Ireland", applying Section 1A of that Standard.

In our opinion the financial statements:

- give a true and fair view of the assets, liabilities and financial position of the company as at 31 December 2018 and of its deficit for the year then ended;
- have been properly prepared in accordance with FRS 102 "The Financial Reporting Standard applicable in the UK and Republic of Ireland", applying Section 1A of that Standard; and
- have been properly prepared in accordance with the requirements of the Companies Act 2014.

Basis for opinion

We conducted our audit in accordance with International Standards on Auditing (Ireland) (ISAs (Ireland)) and applicable law. Our responsibilities under those standards are further described in the Auditor's responsibilities for the audit of the financial statements section of our report. We are independent of the company in accordance with ethical requirements that are relevant to our audit of financial statements in Ireland, including the Ethical Standard for Auditors (Ireland) issued by the Irish Auditing and Accounting Supervisory Authority (IAASA), and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Conclusions relating to going concern

We have nothing to report in respect of the following matters in relation to which ISAs (Ireland) require us to report to you where:

- the directors' use of the going concern basis of accounting in the preparation of the financial statements is not appropriate; or
- the directors have not disclosed in the financial statements any identified material uncertainties that may cast significant doubt about the company's ability to continue to adopt the going concern basis of accounting for a period of at least twelve months from the date when the financial statements are authorised for issue.

Other Information

The directors are responsible for the other information. The other information comprises the information included in the annual report other than the financial statements and our Auditor's Report thereon. Our opinion on the financial statements does not cover the other information and, except to the extent otherwise explicitly stated in our report, we do not express any form of assurance conclusion thereon.

In connection with our audit of the financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated. If we identify such material inconsistencies or apparent material misstatements, we are required to determine whether there is a material misstatement in the financial statements or a material misstatement of the other information. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Opinions on other matters prescribed by the Companies Act 2014

Based solely on the work undertaken in the course of the audit, we report that:

- in our opinion, the information given in the Directors' Report for the financial year for which the financial statements are prepared is consistent with the financial statements; and
- in our opinion, the Directors' Report has been prepared in accordance with the Companies Act 2014.

We have obtained all the information and explanations which we consider necessary for the purposes of our audit.

In our opinion the accounting records of the company were sufficient to permit the financial statements to be readily and properly audited. The financial statements are in agreement with the accounting records.

**INDEPENDENT AUDITOR'S REPORT
TO THE MEMBERS OF INSTITUTE OF GEOLOGISTS OF IRELAND
COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)**

Matters on which we are required to report by exception

Based on the knowledge and understanding of the company and its environment obtained in the course of the audit, we have not identified any material misstatements in the Directors' Report. The Companies Act 2014 requires us to report to you if, in our opinion, the disclosures of directors' remuneration and transactions required by sections 305 to 312 of the Act are not made. We have nothing to report in this regard.

Respective responsibilities

Responsibilities of directors for the financial statements

As explained more fully in the Directors' Responsibilities Statement, the directors are responsible for the preparation of the financial statements and for being satisfied that they give a true and fair view, and for such internal control as they determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the directors are responsible for assessing the company's ability to continue as a going concern, disclosing, as applicable, matters related to the going concern and using the going concern basis of accounting unless management either intends to liquidate the company or to cease operation, or has no realistic alternative but to do so.

Auditor's responsibilities for the audit of the financial statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an Auditor's Report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs (Ireland) will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

A further description of our responsibilities for the audit of the financial statements is contained in the appendix to this report, located at page 9, which is to be read as an integral part of our report.

The purpose of our audit work and to whom we owe our responsibilities

Our report is made solely to the company's members, as a body, in accordance with section 391 of the Companies Act 2014. Our audit work has been undertaken so that we might state to the company's members those matters we are required to state to them in an Auditor's Report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume any responsibility to anyone other than the company and the company's members, as a body, for our audit work, for this report, or for the opinions we have formed.

Alice Barnes
for and on behalf of
Kieran Ryan & Co.
Chartered Accountants and Statutory Audit Firm
20 Upper Mount Street
Dublin 2

Date: _____

**INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
APPENDIX TO THE INDEPENDENT AUDITOR'S REPORT**

Further information regarding the scope of our responsibilities as auditor

As part of an audit in accordance with ISAs (Ireland), we exercise professional judgement and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the company's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the directors.
- Conclude on the appropriateness of the directors' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our Auditor's Report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our Auditor's Report. However, future events or conditions may cause the company to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)
INCOME STATEMENT
FOR THE YEAR ENDED 31 DECEMBER 2018

	Notes	2018 €	2017 €
Income		53,304	74,473
Expenditure		(55,034)	(34,689)
(Deficit)/surplus before interest		(1,730)	39,784
Interest receivable and similar income		27	28
(Deficit)/surplus for the year		(1,703)	39,812
Total comprehensive income		(1,703)	39,812

Approved by the board on _____ and signed on its behalf by:

Catherine Buckley
Director

Cian O'Hora
Director

INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)
BALANCE SHEET
AS AT 31 DECEMBER 2018

	Notes	2018 €	2017 €
Current Assets			
Debtors	5	8,494	15,036
Cash and cash equivalents		87,564	83,232
		<u>96,058</u>	<u>98,268</u>
Creditors: Amounts falling due within one year	6	<u>(3,918)</u>	<u>(4,425)</u>
Net Current Assets		<u>92,140</u>	<u>93,843</u>
Total Assets less Current Liabilities		<u>92,140</u>	<u>93,843</u>
Reserves			
Income statement		<u>92,140</u>	<u>93,843</u>
Members' Funds		<u>92,140</u>	<u>93,843</u>

The financial statements have been prepared in accordance with the provisions applicable to companies subject to the small companies' regime and in accordance with FRS 102 "The Financial Reporting Standard applicable in the UK and Republic of Ireland", applying Section 1A of that Standard.

Approved by the board on _____ and signed on its behalf by:

Catherine Buckley
Director

Cian O'Hora
Director

INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)
RECONCILIATION OF MEMBERS' FUNDS
AS AT 31 DECEMBER 2018

	Retained surplus	Total
	€	€
At 1 January 2017	54,031	54,031
Surplus for the year	39,812	39,812
At 31 December 2017	93,843	93,843
Deficit for the year	(1,703)	(1,703)
At 31 December 2018	92,140	92,140

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INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)
STATEMENT OF CASH FLOWS
FOR THE YEAR ENDED 31 DECEMBER 2018

	Notes	2018 €	2017 €
Cash flows from operating activities			
(Deficit)/surplus for the year		(1,703)	39,812
Adjustments for:			
Interest receivable and similar income		(27)	(28)
		(1,730)	39,784
Movements in working capital:			
Movement in debtors		6,542	(13,484)
Movement in creditors		(507)	(13,967)
Cash generated from operations		4,305	12,333
Cash flows from investing activities			
Interest received		27	28
Net increase in cash and cash equivalents		4,332	12,361
Cash and cash equivalents at beginning of financial year		83,232	70,871
Cash and cash equivalents at end of financial year	7	87,564	83,232

**INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2018**

1. General Information

Institute of Geologists of Ireland Company Limited By Guarantee is a company limited by guarantee incorporated in the Republic of Ireland. 20 Upper Mount Street, Dublin 2, is the registered office, which is also the principal place of business of the company. The nature of the company's operations and its principal activities are set out in the Directors' Report. The financial statements have been presented in Euro (€) which is also the functional currency of the company.

2. Accounting Policies

The following accounting policies have been applied consistently in dealing with items which are considered material in relation to the company's financial statements.

Statement of compliance

The financial statements of the company for the year ended 31 December 2018 have been prepared in accordance with the provisions of FRS 102 Section 1A (Small Entities) and the Companies Act 2014.

Basis of preparation

The financial statements have been prepared on the going concern basis and in accordance with the historical cost convention except for certain properties and financial instruments that are measured at revalued amounts or fair values, as explained in the accounting policies below. Historical cost is generally based on the fair value of the consideration given in exchange for assets. The financial reporting framework that has been applied in their preparation is the Companies Act 2014 and FRS 102 "The Financial Reporting Standard applicable in the UK and Republic of Ireland" Section 1A, issued by the Financial Reporting Council.

Income

Income represents membership subscriptions, course fees and other income for the year.

Tangible fixed assets and depreciation

Tangible fixed assets are stated at cost or at valuation, less accumulated depreciation. The charge to depreciation is calculated to write off the original cost or valuation of tangible fixed assets, less their estimated residual value, over their expected useful lives as follows:

Computer equipment	-	33.33% Straight-line
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The carrying values of tangible fixed assets are reviewed annually for impairment in periods if events or changes in circumstances indicate the carrying value may not be recoverable.

Trade and other debtors

Trade and other debtors are initially recognised at fair value and thereafter stated at amortised cost using the effective interest method less impairment losses for bad and doubtful debts except where the effect of discounting would be immaterial. In such cases the receivables are stated at cost less impairment losses for bad and doubtful debts.

Trade and other creditors

Trade and other creditors are initially recognised at fair value and thereafter stated at amortised cost using the effective interest rate method, unless the effect of discounting would be immaterial, in which case they are stated at cost.

Taxation

The company is exempt from corporation tax under Sections 76 and 78 Taxes Consolidation Act, 1997.

INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2018

continued

3. Departure from Companies Act 2014 Presentation

The directors have elected to present an Income and Expenditure Account instead of a Profit and Loss Account in these financial statements as this company is a not-for-profit entity.

4. Tangible Fixed Assets

	Computer equipment €	Total €
Cost or Valuation		
At 31 December 2018	1,153	1,153
Depreciation		
At 31 December 2018	1,153	1,153
Net book value		
At 31 December 2018	-	-

5. Debtors

	2018 €	2017 €
Trade debtors	285	1,915
Other debtors	1,102	-
Prepayments	1,658	1,567
Accrued income	5,449	11,554
	<u>8,494</u>	<u>15,036</u>

6. Creditors
Amounts falling due within one year

	2018 €	2017 €
Accruals	3,508	3,060
Deferred Income	410	1,365
	<u>3,918</u>	<u>4,425</u>

7. Cash and Cash Equivalents

	2018 €	2017 €
Cash and bank balances	43,939	39,634
Cash equivalents	43,625	43,598
	<u>87,564</u>	<u>83,232</u>

**INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2018**

continued

8. Status

The liability of the members is limited.

Every member of the company undertakes to contribute to the assets of the company, in the event of the same being wound up while he is a member or within one year after he ceases being a member, for a payment of the debts and liabilities of the company contracted before he ceases to be a member, and of the costs, charges and expenses of winding up, and for the adjustment of the rights of the contributories among themselves, such amount as may be required, not exceeding €1.27.

9. Approval of Financial Statements

The financial statements were approved and authorised for issue by the board of directors on _____.

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**INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)**

SUPPLEMENTARY INFORMATION

RELATING TO THE FINANCIAL STATEMENTS

FOR THE YEAR ENDED 31 DECEMBER 2018

NOT COVERED BY THE REPORT OF THE AUDITORS

THE FOLLOWING PAGES DO NOT FORM PART OF THE AUDITED FINANCIAL STATEMENTS

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INSTITUTE OF GEOLOGISTS OF IRELAND COMPANY LIMITED BY GUARANTEE
(A COMPANY LIMITED BY GUARANTEE, WITHOUT A SHARE CAPITAL)
SUPPLEMENTARY INFORMATION RELATING TO THE FINANCIAL STATEMENTS
DETAILED INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR ENDED 31 DECEMBER 2018

	2018 €	2017 €
Income		
Professional member subscription	34,034	32,382
Member MIT subscription	1,560	600
Member retired	120	40
Member MIT application	1,170	725
European geologists' membership subscription	4,980	5,896
Courses	8,150	8,450
Other income	-	1,955
Grant income	3,290	24,425
	<u>53,304</u>	<u>74,473</u>
Expenditure		
Rent	2,702	2,402
Insurance	50	705
Conference costs	8,818	3,731
Courses	8,621	8,208
Telephone	68	775
Website and computer costs	2,890	2,922
Legal and professional	4,253	923
Bank charges	1,442	1,886
General expenses	392	573
Company secretarial costs	9,503	2,312
Research & Development	1,586	3,148
European Federation of Geologists expenses	1,911	1,627
European Federation of Geologists subscriptions	9,148	2,852
Sponsorship	1,000	-
Auditor's remuneration	2,650	2,625
	<u>55,034</u>	<u>34,689</u>
Miscellaneous income		
Bank interest	<u>27</u>	<u>28</u>
Net (deficit)/surplus	<u>(1,703)</u>	<u>39,812</u>