



THE GEOLOGICAL SOCIETY OF GLASGOW

April 2023 Newsletter

Lecture Programme

April 13th Rachel Paul, Senior Geologist, ScotGold, "The Cononish Gold Mine". NOTE LOCATION: Room 639 James McCune Smith Learning Hub at 7:30pm Please note This is an in-person lecture - and we will not be recording it as the technology has finally beaten us.

The talk will comprise an overview of the geology and mining cycle at Cononish Gold Mine in Tyndrum with Scotgold, including regional geology, surface exploration, underground diamond drilling, grade control modelling and mining methods.

Rachael is a chartered geologist who studied at St Andrews University and Camborne School of Mines. She has worked in exploration, resource estimation and open-pit and underground mining geology. Her career highlights include mapping/structural modelling in the sedimentary host copper-belt DRC, gold exploration in the Sierra Nevada Mountains, USA, being selected as one of the top 100 Woman in Mining 2022 and returning home to continue her career at Cononish gold mine in Tyndrum.

Future Lecture Dates

May 11th Members' Night - speakers and venue tbc. If you have something geological you want to show or tell other members about then please get in touch!

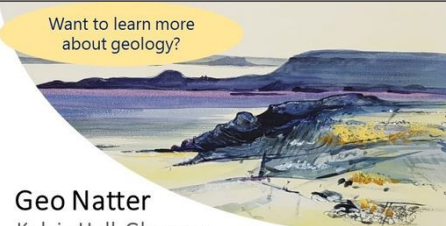
Overdue Subscriptions - Final Reminder

Some members who have still not paid their subscriptions for the current session and under the constitution if your subscription is not paid by 31st March you cease to be a member of the society.

If you have not paid, or are in any doubt about it, please email our treasurer Ian Veitch at treas@gsocg.org who will be happy to check and advise.

Geonatter

Want to learn more about geology?




Geo Natter

Kelvin Hall, Glasgow


Come to Kelvin Hall to look at some rocks & fossils, maybe get your rocks and fossil identified, chat informally to others or ask questions about geology and find out what's happening locally. Tea & Coffee provide.

1.30-3.30pm on the following dates in 2023

Date	Topic
10 May	Geology of Madera
24 May	Geology up Close
7 June	Trilobites
21 June	Fossil Fish
5 July	University Walk About <i>(details to be confirmed)</i>



It's free & everyone is welcome



Day & Residential Excursions 2023

Apologies for the late arrangements for these trips, everyone is busier than ever and booking accommodation in advance these days is a nightmare!

Day trips

There are six potential trips being planned and nothing definite has yet been fixed. Currently the following are being discussed:

Ballantrae Complex (Leader Con Gillen)- Date to be confirmed as tide dependent.

Ayrshire Quarries (Leader Gary Hoare). Date to be confirmed

Aberfoyle Slate Quarries (Leader Joan Walsh) Date to be confirmed

Glencoe (Leader Simon Cuthbert) Date to be confirmed

Ardrossan to Fairlie (Leader David Webster) Date to be confirmed as tide dependent. Possible use of train and do the one-way walk along the Ayrshire coastal path via Portencross

Southern Loch Lomond (Leader Ian Allison) Possible joint EGS trip

Residential Trips

Bute – May 2023

The proposed trip to North Ardnamurchan in May will not go ahead as suitable accommodation has proved impossible to find. Therefore, we are now going to Bute staying in the Glenburn Hotel in Rothesay from 12th to 14th May. Leader Con Gillen.

Skye – Sept 2023

The plan is to go to Skye in September - although at this stage the joint leaders (Simon Cuthbert and Neil Clark) have not committed to a date. However, suitable accommodation is proving impossible to find (there's a theme here), however, it may be possible to self-book B&B/Air B&B or even camp/campervan.

We will keep all members updated as details finalise but please let Roy Bryce daytrips@gsocg.org know if you are interested in any of these trips and he can keep you up to date with the latest news.

Our membership system is evolving

It has been decided by Council to adopt a web membership & subscription system for the new session beginning on 1 October this year.

This replaces our current 'cottage industry' approach with a tried and tested professional package, WebCollect, which in addition to being an efficient modern system, puts you in control of your information, enables you to update payment details, indicate your gift aid status, and book and pay for services such as excursions and events easily. A further benefit is it will also allow our communications with you to be more efficient.

You will no doubt have a number of questions about this change, one of which may well be what if anything do I need to do now? The simple answer at this stage is nothing - as the work to set up the necessary forms and pages has yet to commence. Updated information will be provided as the project develops.

Some questions which might have are -

Who or what is WebCollect? - It is a UK based provider of membership and subscription software/services with over 20 years experience in the field

Why use WebCollect? - there is a need to professionalise our current approach to make it easier to manage and administer, and improve our service to you. It was chosen after research into various packages.

Who else uses it? - a number of Societies use it e.g. the Edinburgh Geological Society and the Scottish Geology Trust. If you are a member of these, you will already be familiar with it

Do I need to change my payment method? Not if you don't want to. However another advantage of the new system is that it allows subscriptions to be collected by Direct debit which makes life much easier for you and us. We will be encouraging all members to change to direct debit and cancel any existing standing orders. However we can accommodate existing payment methods for those who prefer that.

I don't access the internet or have an email. What do I do? While it is easier for us and many members to use technology it is recognised that not all members do. Your membership and support is valued just as much by the Society and we can update your details on WebCollect for you as we do with the current membership database.

If you have any other questions at this point please send them to Ian Millar meetings@gsocg.org

Scottish Journal of Geology

As you may be aware the Geological Society (London) Publishing House is discontinuing to print hard copies of their journals - including the Scottish Journal of Geology. Members will continue to have free access to the online version of the journal through the Lyell Collection where you can download pdfs of papers and you can also sign up to get email alert notifications of new papers.

Geology Bites

Oliver has recently posted the second of two episodes on major recent earthquakes. This one is with Patrick Fulton of Cornell University talking about the 2011 earthquake that led to the Fukushima nuclear disaster in Japan. His aim was to see if he could detect an increased temperature around the fault zone and use that as a measure of the frictional heat generated by the earthquake slip. This in turn would enable him to estimate the effective coefficient of friction along the plate boundary fault between the subducting Pacific plate and the overriding plate.

This is an episode in which Oliver was struck as much by the incredible technical challenges Fulton and his team surmounted as by the scientific result. The episode web page has quite a few pictures that help explain how the "temperature observatory" was installed and retrieved. The successful detection of a temperature anomaly and the surprising result for the coefficient of friction vindicated the method. Fulton is currently embarking on another trip off the coast of New Zealand to carry out similar observations there.

Edinburgh Geological Society Lectures

Well worth watching recordings of the recent talks by Bruce Levell on the Port Askaig Tillite and three BGS staff on the Carboniferous chapter of the new Geology of Scotland book.

<https://www.edinburghgeolsoc.org/lectures/>

Note from the Secretary

Please note that the Society newsletter is now being sent by email every month and with frequent updates. This is a printed version of the newsletter being posted to those members who have not supplied an email address and is only printed and posted two or three times a year. If you have an email address and would like to receive more regular email newsletters and other related geological information from the Society then please get in touch.

David Webster

Hon. Secretary

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Geological Society of Glasgow

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