



THE GEOLOGICAL SOCIETY OF GLASGOW

October 2022 Newsletter

Lecture Programme

13th October 2022 at 7:30 pm. Lecture Theatre A407 Boyd Orr Building
Dr. Rebecca Paisley, Exploration Geochemist, Cornish Lithium.

"Lithium in Cornwall: The foundation for a responsible UK battery supply chain"

Cornish Lithium is an innovative, eco-technology company focused on mineral exploration and development for the environmentally sustainable extraction of lithium in the historic mining district of Cornwall, UK. The Company has secured agreements with the owners of mineral rights over a large area of the County and is using modern technology to re-evaluate the region for lithium and other technology metals which are essential components of modern life. A secure domestic supply of such metals is considered vital to the industrial strategy of the UK as it moves towards a zero-carbon future.



Rebecca is the Lead Geochemist for Cornish Lithium, she holds a PhD in Earth & Planetary Sciences from McGill University, Canada, and master's degree in Earth Sciences from the University of Oxford. She specialises in using geochemical data to constrain sub-surfaces processes in a variety of geological environments. Rebecca joined Cornish Lithium to assist with developing the geochemical side of their exploration efforts, and currently designs and implements the geothermal waters sampling strategies for their drill programs. She also manages Cornish Lithium's direct lithium extraction (DLE) work package, evaluating different technologies and their

abilities to process Cornish geothermal fluids.

We will be recording the talk for later viewing but in order to maximise in-person attendance and minimise the technology issues we are not offering a live zoom of the talk. The speaker will be 'on-screen' in the lecture theatre and attendees can interact with the speaker from the lecture theatre.

10th November 2022 at 7:30pm Lecture Theatre A407 Boyd Orr Building
Professor Craig Storey, University of Portsmouth

"Using accessory mineral chemistry and dating to resolve large scale geodynamic issues". Full details in November newsletter. This will be an 'in-person' lecture, and will be recorded but not live zoomed.

8th December 2022 at 7:30pm Lecture Theatre A407 Boyd Orr Building
Asst. Professor Quentin Crowley, Trinity College, Dublin

"Radon in the Environment". Full details in December newsletter. This will be an 'in-person' lecture, and will be recorded but not live zoomed and will be preceded by the AGM at 7:00 pm

Council Members Needed!

The Society's Council is made up of members like you, giving of their time, skills and enthusiasm. Inevitably Council members move on or retire and there is always a need to recruit new members to it to keep it fresh and forward looking. We have a number of vacancies on Council and we would welcome applications to fill them. There are no age, membership length or academic qualifications barriers to this, in fact being a member of the Society is all that's required. Becoming an Ordinary Member is a good start!

If you are interested please contact sec@gsocg.org or any Council member for further information.

Strathclyde Geoconservation Group

The SGG (a subcommittee of the Society) are actively running a series of short trips to localities in the greater Glasgow area in order to review accessibility, geological features and assess their suitability for inclusion in a leaflet, booklet, signboard etc. If you are interested joining the Group and coming on these trips please contact the SGG secretary, Barbara Balfour bjbalfour@waitrose.com

Geo-Natter

The next Geonatter sessions are at the Kelvin Hall on Wednesday October 5th, and Wednesday October 19th 2022 at 13:30 until 15:00. Chat informally about geology, show off your rocks and fossils, ask questions about geology, find out what's happening and perhaps even

take part in future events. November dates 2nd, 16th and 30th.

Fossil Grove - Open Afternoons



We have one more open afternoon planned at the Fossil Grove this season on Sunday 16 Oct 12-4pm

Come along, bring children or help with the activities etc.

contact@fossilgroveglasgow.org

Edinburgh Geological Society

A Public Lecture next week – **Thursday 6th October** at Dynamic Earth (6.30pm start). This in person public lecture will be on the topic of Scotland's Fossils. The speakers will include Dr Katie Strang (Scottish Lime Trust), Paige dePolo and Natalia Jagielska both from the School of GeoSciences at the University of Edinburgh. The event will be chaired by Dr Neil Clark from The Hunterian. Numbers are limited so please book in advance - <https://www.edinburghgeolsoc.org/public-lecture/>

There is another lecture taking place at the Grant Institute (Room 201) on **Monday 10th October** at 5.30pm. The Rosemary Hutton Lecture 2023 will be given by Cathy Constable (Univ of California) on One hundred thousand years in the life of earth's magnetic field. If you would like to attend, then can they please e-mail Kathy Whaler in advance kathy.whaler@ed.ac.uk

The EGS lecture programme is very interesting this session as it is focussing on the imminent publication of the new edition of the 'Geology of Scotland' - required reading for all those interested in scottish geology! Full details at: <https://www.edinburghgeolsoc.org/lectures/>



SCOTTISH
GEOLOGY
TRUST

The Scottish Geology Festival runs until 9th October. Lots of great activities still to attend!- see <https://www.scottishgeologytrust.org/festival/>

Down to Earth

October xtra magazine [here](#):

Geologists Association

In November the GA normally hold their annual Groups meeting, a popular event, encouraging communication and networking. This year the

GA is holding two meetings, one on November 4th as a virtual Zoom meeting (2-hour max) and another one on the afternoon of December 2nd as a follow-up in-person/hybrid meeting this will precede the GA December lecture at Burlington House.

Geological Society of Glasgow

Registered Scottish Charity No. SC007013

President: Dr. Simon Cuthbert pres@gsocg.org

Hon. Secretary: Walter Semple sec@gsocg.org

Newsletter Editor: David Webster contact@gsocg.org

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