

**Newsletter 162.4 29th November 2020**

**Best Wishes for Christmas and the New Year**

**LGS EVENTS
Tuesday 15th December**

**LGS Christmas quiz with Matthew Boyle**

The LGS Christmas quiz night will take place online using Zoom. Matthew Boyle has very kindly agreed to run the session, which will start at 7 p.m. on 17th November and finish at 8.30 p.m.

To join up on Zoom the link is:
<https://us02web.zoom.us/j/9806629072?pwd=c1RrbHNpMTRXMUY3MW1sZjBEaU1PUT09>

Meeting ID: 980 662 9072
Passcode: Dawpool

**LGS reminders**

**LGS Annual Report, and Annual Accounts & Statement for 2019 - 2020**

These were approved by Council at a meeting held on 29th September 2020 and presented to Members at the Annual General Meeting on 27th October 2020.

If you would like a copy emailed to you, please contact Mr Gary T. Billington (Hon. Treasurer) via: G.T.B\_lgs@hotmail.co.uk

**Constitution of the Liverpool Geological Society**

This was amended at an Extraordinary Meeting held on 27th October 2020. A copy is now on the LGS website: [www.liverpoolgeologicalsociety.org/](http://www.liverpoolgeologicalsociety.org/)

**From the Treasurer**

Subscriptions for the 2020 - 2021 session were due on the 1st October 2020.

Subscription rates are: £15 for full members and £5 for student members (full time students).

Mr Gary T Billington, Honorary Treasurer, Liverpool Geological Society, 4 Lewisham Road, Liverpool L11 1EF

All enquiries regarding membership of the Society or subscription to the Geological Journal should be sent to the Honorary Treasurer at g.t.b\_lgs@hotmail.co.uk

Those wishing to take advantage of a Standing Order Mandate to pay their subscriptions should also contact the Honorary Treasurer, who will supply you our bank details. The Standing Order Mandate can be completed online or by going to your bank in person.

**LGS Council Meeting**

The next Council Meeting will be held on Tuesday 5th January 2021. Details of this meeting will be circulated to Council Members early in the New Year.

**Down to Earth Magazine (DTE)**

Hard copies of this publication are not being produced because of the COVID-19 restrictions, but electronic copies are available, which we have permission to email to LGS members. If you would like pdf copies of DTE 111, DTE 112 , DTE 113 and the DTE extras for September, October, November and December, email Maggie Williams (Secretary) at lgssecretary19@gmail.com and they will be sent to you.

**Two messages from Jim Marshall**

**1. Wirral Geology and Landscape Project**

Jim Marshall has set up a mailing list for people interested in understanding the role of geology and geomorphology on the history and heritage of the Wirral. Jim will be launching an online noticeboard with ‘postcards’ pointing people at resources and hopes to develop displays that can be used at local scenic sites.

If you are interested in joining this mailing list please email jimmarshall58@gmail.com to start with, but please note that future messages about this project will be sent to you (bcc) via wirralgeology@gmail.com

**Finally:** Please let Jim know via jimmarshall58@gmail.com if you are interested in doing the same kind of thing in, or around, Liverpool.

**2. U3A Geology Groups - appeal for help.**

Over the last year or so several LGS members have contributed to setting up a new U3A Geology Group at Neston. This has proved successful, the group has about 30 members and monthly talks have continued online. Heswall U3A is now hoping to set up a similar Geology Group at the end of lockdown.

Any LGS members who feel they could help out by offering talks on basic geological topics or running field trips should get in touch with Jim via jimmarshall58@gmail.com You don't need to be a professional geologist to help - you just need time and enthusiasm to share!

***Note:*** *If you wish to help these U3A Geology Groups you need to give Jim permission to pass on your details to the local U3A course organisers.*

**Westmorland Geological Society Lectures**

With the ongoing pandemic Westmorland Geological Society (WGS) is delivering its 2020/21 lecture programme using Zoom with the recorded talks uploaded onto the WGS YouTube channel. To see recent recorded talks: <https://youtube.com/channel/UC6uVPL3DMpqJXyTS-Z_6ADA>

WGS talks for 2021 will be:

**20th January** - Dr Hugh Tuffen (University of Lancaster): Looking inside Icelandic volcanoes

**17th March** - Prof Pete Burgess (University of Liverpool): Some of my Favourite Outcrops from Around the World: A GeoVisual Tour

**Yorkshire Geological Society (YGS) - free online lectures**

The following lectures are part of the YGS Christmas Lectures 2020 programme and will run from 4 p.m. Registration via: <https://www.yorksgeolsoc.org.uk/ygs-xmas-lectures>

**You are advised to login 15 minutes early in case of any connection problems.**

**Tuesday 1st December**

Lecture by Jack Lee of Durham University: ‘Dating faults, fractures and fluids with U-Pb calcite geochronology: appraising the relationship between deformation & basinal fluid-flow in the Cleveland Basin’.

**Thursday 3rd December**

Lecture by Rebecca Bennion, University of Liège: ‘How Whitby got its whale jaw arch - (evolutionarily speaking…)’.

**Tuesday 8th December**

**Lecture by Dr Jed Atkinson, University of Leeds: ‘Shifting Sands and Devil's toenails: The Lower Jurassic stratigraphy of Redcar (NE England)’.**

**Thursday 10th December**

**Lecture by Madeleine Hann, University of Manchester: ‘Big boulders and catastrophic debris flows in the High Atlas Mountains of Morocco’.**

**Virtual Field Trips to explore during lockdown**

Hallett Cove Geological Mapping Exercise:

<https://www.youtube.com/watch?v=1P30R0ZA0Rc>

Pennan – unconformity within the Old Red Sandstone:

<https://www.aberdeengeolsoc.org.uk/wp-content/uploads/2018/10/09-Pennan-ORS-Unconformity.pdf>

Norton Covert – a story of deserts and icy wastes:

<https://bcgs.info/pub/local-geology/geological-leaflets-and-guides/norton-covert-leaflet/>

A 'Geology Wall' discovery guide across the Abberley and Malvern Hills Geopark:

<http://geopark.org.uk/pub/wp-content/uploads/2019/10/Les-Morris-Trail-final-draft-v1.pdf>

The Igneous Underground – the Whin Sill at Bamburgh:

<https://www.northumberlandcoastaonb.org/files/Downloads/Bamburgh%20Rock%20Walk.pdf>

Geology of the Hayward Fault in Fremont, California:

<https://www.youtube.com/watch?v=TTLI8Exq74w>

80 unique virtual field trips.

<https://www.micromyearth.com/virtual-field-trips/>