



**23<sup>rd</sup> October 2023**

## **LGS Newsletter 165.4**

### **Liverpool Geological Society Annual General Meeting**

The **Annual General Meeting** was held before the start of the lecture on Tuesday 17<sup>th</sup> October 2023. Members who were unable to attend the meeting and who wish to receive a copy of the **Report and Accounts for the period 1<sup>st</sup> July 2022 – 30<sup>th</sup> June 2023**, may request a copy from Mr Gary T Billington, Honorary Treasurer, Liverpool Geological Society, 4 Lewisham Road, Liverpool L11 1EF.  
Email: [g.t.b\\_lgs@hotmail.co.uk](mailto:g.t.b_lgs@hotmail.co.uk)

### **Liverpool Geological Society Lecture**

**Tuesday 31<sup>st</sup> October**

**Lecture by Dr Michael Burn (Liverpool John Moores University)**

**Title: On the interpretation of natural archives of Atlantic tropical cyclone activity**



**Summary:**

One of the biggest challenges for hurricane scientists is to predict how Atlantic tropical cyclones will respond to human-induced climate change during the 21st Century so that regional governments can prepare appropriate climate mitigation strategies. Climate models rely on meteorological records to understand how storm activity has responded to climate change since the mid-nineteenth Century; however, natural archives are needed to detect changes in the variability of storms over longer time scales. In this talk, I will compare the different approaches taken to reconstruct Late Holocene Atlantic storm activity and discuss their application to better constrain climate model projections of hurricane activity for the 21st Century.

### **Liverpool Geological Society Members' Evening**

There will be a 'Members' Evening' on **Tuesday 9th January 2024**.

This evening is your chance to have your "Five (or ten) minutes of fame" and give a short talk about a geological topic to other LGS members.

If you would like to offer a talk or presentation, please let Chris Hunt know by emailing:

[chris1972scfc@outlook.com](mailto:chris1972scfc@outlook.com)

### **Liverpool Geological Society Field Excursion to Iceland 2024**

Provisional dates for this field excursion are 2<sup>nd</sup> to 12<sup>th</sup> August 2024.

Members interested in finding out more about this excursion are asked to contact Hazel Clark to register their interest. Hazel may be contacted via: [H.E.Clark@ljmu.ac.uk](mailto:H.E.Clark@ljmu.ac.uk)

### **Two gentle reminders from the Treasurer**

**1. Subscriptions for the 2023 - 2024 session**

Subscriptions are due on the 1st of October 2023.

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

All enquiries about membership of the Society should be sent to the Honorary Treasurer at [g.t.b\\_lgs@hotmail.co.uk](mailto:g.t.b_lgs@hotmail.co.uk)

*(Please note that Gary's email address has an underscore between b and lgs)*

Those wishing to take advantage of a Standing Order Mandate to pay their subscriptions and save worrying each year about paying their subscriptions should also contact the Honorary Treasurer, who will provide you with our bank details. You can complete the Standing Order Mandate online or by visiting your bank.

## **2. Gift Aid - boost your donation by 25p of Gift Aid for every £1 you donate!**

Liverpool Geological Society reclaims **Gift Aid** from the tax you pay for the current tax year. Your address is needed to identify you as a current UK taxpayer. A Gift Aid Form is available from the Honorary Treasurer and at LGS meetings. Completed Gift Aid forms should be returned to Mr Gary T Billington, Honorary Treasurer, Liverpool Geological Society, 4 Lewisham Road, Liverpool L11 1EF

Email: [g.t.b\\_lgs@hotmail.co.uk](mailto:g.t.b_lgs@hotmail.co.uk)

## **LGS: Lots of journals to give away**

Graham Sherwood is trying to downsize his collection of journals and geology books and is looking for a new home for these items. The collection includes:

- Journal of the Geological Society of London – more or less complete from 19th century through to around 2008
- Proc York Geol Soc (late 20th century)
- Proc Geol Assoc (late 20th century)
- Geophysical International (1990s)
- Geophysical Research Letters (late 20th century)
- Terra Nova (2010s)
- and possibly others!

If you are interested in 'providing a new home' for these items, please email Graham via:

[G.J.Sherwood@ljmu.ac.uk](mailto:G.J.Sherwood@ljmu.ac.uk)

## **Geologists' Association: Festival of Geology**

**Saturday 4<sup>th</sup> November 2023**

The Geologists' Association's Festival of Geology is back this year at University College, Gower Street, London. It is a celebration of all things geological and open to everyone with free admission (10:30am to 4:30pm).

Exhibitors include museums, universities, and geological societies, with fossil & mineral displays, books, maps, photographic competition entries, geological artists, ceramicist & jewellery makers, and activities for both children and adults alike. This year there will also be:

- a special exhibition of two originals of the most important maps in the history of geology – the Smith and Greenough Maps
- a unique talk on the Geology of Hogwarts.

On Sunday 5<sup>th</sup> November there will be field excursions to places of local geological interest (Albert Memorial, Crystal Palace Dinosaurs etc.) that can be booked at the Festival. Further details at:

<https://geologistsassociation.org.uk/festival/>

## **Geologists' Association: Geology from your Sofa**

Geology from your Sofa for October 2023 has been adopted by Warwickshire Geological Conservation Group. It has the theme: How the forming and breakup of Pangea has dominated the geology of Warwickshire.

The site includes virtual fieldtrips covering the following Triassic boundaries:

- **Lias: The Hidden Wonders of Burton Dassett led by Norman Dutton.**  
Burton Dassett Hills Country Park is a much loved place to spend recreation time. Walkers, cyclists and family groups with a picnic can enjoy the panoramic views and the sheltered hollows for playing and relaxing. Many are unaware of the industrial heritage and geological record that can be seen all around as revealed in this short video.
- **Lias: Blockley Brickpit led by Jon Radley & Ray Pratt.**

Located in the heart of the Gloucestershire Cotswolds, Northcot Bricks have been using the local Charmouth Mudstone in the production of facing bricks. This Brickpit is a site of numerous high-quality fossils of significant scientific value.

- **Mid Triassic: Helsby Formation, Warwick Castle, Warwick led by Jon Radley.**  
This is a geological education video recorded in the field discussing the Helsby sandstone, (aka Warwick sandstone), and its geological setting.
- **Mid-Triassic Helsby Formation, Guys Cliffe, Warwick led by Stuart Burley.**  
A 31-minute geology educational video looking at the Helsby Sandstone at Guys Cliffe, Warwickshire. Stuart Burley describes how to make sense of sedimentary features in fluvial systems.
- **Lower Triassic: Chester Formation, Roundberry Quarry, Warwickshire led by Ray Pratt.**  
This 20 minute geology educational video discusses the geological conditions that led to the deposition of the Chester Formation (Bunter Pebble Beds) here in Warwickshire.

For more information visit: <https://geologistsassociation.org.uk/sofageology/>

## **North Staffordshire Group of the Geologists' Association (NSGGA)**

**Thursday 7<sup>th</sup> December at 19:30**

75<sup>th</sup> Anniversary Celebration lecture by Jill Darrell and Di Clements (both Natural History Museum, London).

Title: William Smith's Fossils Reunited

Venue: William Smith Building, Keele University

There will be a buffet at 18.30 before the talk. Although the talk is free to attend, if you wish to book a buffet ticket (£12), please let contact Gordon McKeown, NSGGA Chair know by 1<sup>st</sup> December 2023. Gordon's contact details are: 07905 613216 / [nsgga.cha@gmail.com](mailto:nsgga.cha@gmail.com)