



**1<sup>st</sup> January 2024**

**LGS Newsletter 165.7**

**Best wishes for 2024!**

## **Liverpool Geological Society Events**

These events will be held in **Lecture Theatre C** in the Central Teaching Hub, University of Liverpool.  
Entrance will be via the main door.

**Tuesday 9<sup>th</sup> January**

### **LGS Members' Evening**

For this evening three LGS members will give brief talks:



Grindavik. By Roman Zacharij

**2021, '22, '23, '2.....**  
**Fish and Chips in Grindavik**  
**By Chris Hunt**



Boulders and scree at the base of the Pitt's Head Tuff. By Jonathan Wilkins

**Pitts Head Tuff**  
**By Mike Stoddart**

The Pitts Head Tuff is an Ordovician ignimbrite found across Snowdonia. It records the eruption of a caldera-forming volcano which dwarfs recent recorded events. The talk covers its appearance in the field and the interpretations that have been drawn.



**What is happening with Global Warming?**  
**By Joe Crossley**

Tuesday 23<sup>rd</sup> January

Lecture by Dr Jeff Harris (School of Geographical and Earth Sciences, University of Glasgow)

Title: The Diamond Deposits of Namibia



**Summary:**

The diamonds of Namibia were first discovered in 1908 near Luderitz in one of two coastal sand corridors which started some 160 kms to the south of that town at Chemeis Bay. The sand corridors further extended northwards from Luderitz some 215 kms to form the great sand sea, an area of 3 million hectares with dunes over 300m high and which date back 55 million years. The diamonds in Namibia were initially erupted to the surface in kimberlites in the present-day Northern Cape region of South Africa at approximately 90 million years ago. Subsequent extensive erosion and river transport took vast quantities of diamonds to the coast, initially arriving about 42 million years ago after a journey of over 800 kms. It then took some of the diamonds a further 40+ million years to travel by offshore northerly currents, longshore drift and aeolian transport to be found by a servant of a German railway inspector outside Luderitz. This talk will consider the history and mining of diamonds in Namibia, firstly considering deposits south of Luderitz, then along the lower reaches of the Orange river and finally the 60 km long beach deposits north of that river estuary. Future Namibian diamond production will be also briefly assessed.

## Down to Earth

Electronic copies of this publication are available for LGS members. If you would like a pdf copy of the most recent publications: Issue 125 (November 2023) and DTE Extra numbers 131, 132 and 133, please email Maggie Williams (Secretary) at [lgssecretary19@gmail.com](mailto:lgssecretary19@gmail.com) and copies will be emailed to you.

## Geologists' Association

Your December issue of 'Geology from your Sofa' is now available. Adopted by the London Geodiversity Partnership this is our very last issue so it is fitting that it has a very different look & feel. It has the theme: ART AND GEOLOGY IN THE LONDON AREA. This edition of 'Geology from your Sofa' includes an online course on 'How to Draw Rocks' and geologically inspired works from artists:

- Gail Dickinson creator of a YouTube experimental documentary called Demolition Precious Earth
- Dee McLean making the complex simple Geology of Hampstead Heath
- Maja Quill who has created A Vimeo video on Magnetised clay
- Jeffery Stephen Miller who presents a series of tiles made From the Underground.

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

## Herdman Symposium 2024



Another reminder to add this date in your new diary. Further details about how to book tickets for this exciting event will be sent out in another LGS newsletter.