



5<sup>th</sup> October 2023

LGS Newsletter 165.3

The programme of meetings for the 165<sup>th</sup> session is available on the LGS website at:

<https://liverpoolgeologicalsociety.org/indoor-meetings>

All talks for 2023-24 will start at 7.30pm and take place at the Central Teaching Hub of the University of Liverpool in **Lecture Theatre C**.

## Liverpool Geological Society updates

- The LGS **Annual General Meeting** is normally held immediately before the first lecture of the new session, but this year it had to be cancelled due to unforeseen circumstances. It will be held before the start of the lecture on Tuesday 17<sup>th</sup> October.
- **Membership cards** may be picked up at one of our indoor meetings. Apologies to those LGS members who have already received their membership card for 2023-2024. The date of the second lecture in October is Tuesday 17<sup>th</sup> October (not 10<sup>th</sup> October as printed in the membership card).

## Liverpool Geological Society Lecture

Tuesday 17<sup>th</sup> October

Lecture by Dr Joaquín Alberto Cortés (Senior lecturer, Edge Hill University)

Title: Volcanoes in the southern volcanic zone of the Andes



### Summary:

Arc volcanoes, a direct consequence of magma generation in subduction zones, are highly hazardous volcanoes, forming long chains of characteristic cone-shape edifices. In this presentation the Andean arc and its volcanoes are explored, focussing on:

- how magmas are produced,
- why they predominately behave explosively and
- how the different segments of the Andean arc affect the behaviour of the volcanoes located on them.

The presentation will also introduce key Andean volcanoes and some relevant eruptions

## 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)

### Down to Earth Magazine (DTE)

Hard copies of this publication are not being produced, but electronic copies are available, which we have permission to email to LGS members. If you would like a pdf copy of the most recent publications for August, September and October (DTE Extra numbers 128, 129 & 130), please email Maggie Williams (Secretary) at [lgssecretary19@gmail.com](mailto:lgssecretary19@gmail.com) and copies will be sent to you.