



The
Geological
Society

Virtual Careers Days 18 -20 October 2022



[#GSLCareers22](#)



Capricorn

A message from the President:

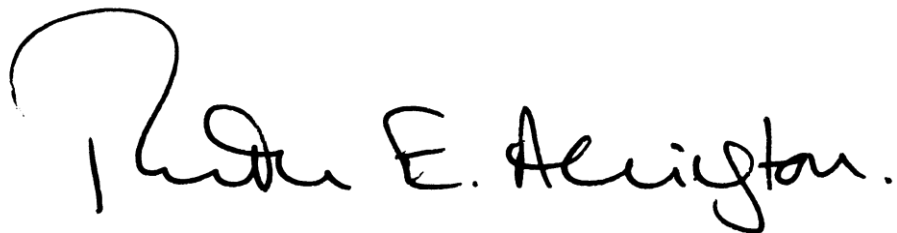
I would like to welcome you to the Geological Society's virtual Careers Days 2022.

The employment landscape for geoscientists is very exciting, yet undoubtedly challenging and changing rapidly.

However, what is relatively constant are the basic qualities employers will be looking for which we will discuss throughout this event. Employers will be interested in people they see as well grounded in the basics of the natural sciences and are able to use that knowledge and background to analyse and solve problems with new and innovative solutions.

The geosciences are vital to solving so many of the challenges that we are facing, and will be central to delivering the energy transition and meeting net zero targets. I hope that over the next three days, the many exciting career options available to young geoscientists will become clear, and that you will feel inspired about the future of your vocation. Do try to attend as many sessions as you can, even for subjects that you hadn't really considered. Please don't be afraid to ask the speakers as many questions as possible.

I hope the coming days will be useful and influential step in developing your careers paths . I wish you all the very best in completing your studies and taking the next steps towards employment.



Ruth Allington

President of The Geological Society

Day 1
18 October

Why a career in Geoscience?

18 October, 12.15 GMT

Learn all about the various specialisms and exciting pathways that a geoscience degree can unlock.

Panel:

Gemma Sherwood – Senior Geotechnical Engineer at EDF

Kartikeya Sangwan - Research Postgraduate Geologist + Planetary Scientist, Analyst, Studying ancient rivers on Mars through Earth Imperial College London

Ed Henden – Principal Marine Geophysicist at Atkins


Katie Chapman – Freelance Assistant Producer – Factual TV

Malika Tank - Graduate Environmental Consultant at Mott MacDonald



“Geoscientists are fundamental to our future societies. We contribute to the day-to-day lives of everyone in the UK through designing and building transport networks, housing and infrastructure, but we are also vital for helping to secure our future energy needs such as through renewables and nuclear.

I see it as my role to inspire all those people, who, like me, had never even heard of Geology at A-levels, let alone considered a career in geoscience.”



Capricorn is delighted to be sponsoring the Geological Society's Virtual Careers Days

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www.geolsoc.org.uk/StudentMembership

Day 2 19 October



The Geological Society

19 October

12.15	Energy
13.00	Mineral exploration, quarrying, mining commodities
13.45	Break
14.00	CV Writing & Interview skills
14.45	Break
16.00	Planetary/Remote Sensing
16.15	Introduction in to Chartership & Transferable skills

Energy (12.15 GMT, 19 October)

Renewables, Oil & Gas and engineering

Panel:

Hazel Farndale - Business Development Manager at Geothermal Engineering Ltd

Helen Smyth –Head of products, Carbon Abatement, Neflex at Halliburton

Emily Parsons - Senior Geophysical Engineer, Scottish Power

Gemma Sherwood – Senior Geotechnical Engineer at EDF

“It’s exciting being at the forefront of development of a brand-new UK industry!” Hazel Farndale



Mineral exploration, quarrying, mining commodities

19 October, 13.00 GMT

With the shift to a low/neutral carbon economy, essential to tackle climate change, is now a pressing international effort. The Earth sciences play a pivotal role in the sourcing of essential raw materials, the development of circular economies

Panel:

Katherine Evans – Geotechnical Manager Tarmac

Alex Christopher – Multi Commodity Analyst at CRU

David Meredith – Senior Geotechnical Consultant at Hydrock

Grace Howe – Exploration Geoscientist SRK Exploration Services

"My subject is mining geology, but my passion is changing the face of the mining industry".

Katherine Evans



The Geological Society

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Content spotlight:

[Remarkable preservation of brain tissues in an Early Cretaceous iguanodontian dinosaur](#)

CV Writing & Interview skills

19 October, 14.00 GMT

Learn from industry experts how to stand out from the crowd during the interview and application process. Ask questions, and listen to tips on how to present yourselves and network effectively.

Panel:

Hollie Fisher – Senior Engineering Geologist at Atkins

Neil Morris– Hydrock – Regional Director

Sachin Gosai – Geotechnical Engineer at SRK



Planetary and Remote Sensing

19 October, 15.00 GMT

'Remote sensing is an expanding field, with more satellites being launched every month and growing opportunities in the applications of these techniques. Many of the roles in this field are fairly 'new' and hence companies do not expect candidates to have domain experience beforehand.' Jennifer Scoular

Panel:

Jennifer Scoular - Client Technical Specialist - Civil Engineering at SkyGeo

Samuel Casement – Spectral Geologist at Descartes Labs

Rowan Edwards – EO Data Scientist at GlobalTrust Ltd



Introduction into Chartership & Transferable Skills

19 October 15.45 GMT

Not sure what chartership is, or what the benefits are of being chartered? Meet the Geological Society's Chartership Officer, a scrutineer and two recently chartered Geologists to find out about the process and hear top tips on how to navigate the process after graduation.

Panel:

Eleanor Williams – Chartership Officer, The Geological Society

Chris Vincentt - Associate Director - Geotechnics and Materials at Hydrock (A Scrutineer)

Melody Wareing – GI Deputy Technical Team Leader at SOCOTEC UK (recently chartered)

Ben Totterdell - Geotechnical Engineer | Earth Structures and Geotechnical Engineering Department (recently chartered)



“There are many routes to Chartership, don’t assume your experience is less valid than anyone else’s. Find the best route for you with the support available from university, business, GSL, mentors and sponsors”.

Melody Wareing

Day 3 – 20 October

20 October

12.15	Climate & Ecology
13.00	Geohazards, Engineering/Geotechnical
13.45	Break
14.00	Academia and Postgrad pathways
14.45	Break
15.00	Geo-Data /Risk management AI in geoscience

Climate and Ecology 20 October, 12.15 GMT

Climate change is affecting all regions of the Earth, with impacts on humans and ecosystems. The Earth sciences are vital to understanding the mechanisms and impacts of climate change by studying the geological record of Earth's past climate history. Earth scientists also use the fossil record to understand the ecological impacts of these climate and environmental changes, such as warming, hydrological changes, and ocean acidification

Panel:

Julia Sztucka – Social Specialist - Wardell Armstrong

Ria Monckton – Principle Environmental Consultant at Mott MacDonald

Martin Phillips – Technical Director at Mott MacDonald



Geohazards, Engineering and Geotechnical

20 October, 13.00 GMT

As the human population expands, so too does the range of interactions that humans have with their environment. Some of these may pose a hazard to human safety and wellbeing. In other interactions, humans may pose a risk to ecosystems and the environment. Skills, research, and knowledge in the Earth sciences are vital to minimizing the risk of harm

Panel:

Charlotte Copley – Geoenvironmental Engineer at Lithos Consulting Ltd

Catherine Inglis – Project Engineer Fairhurst

Ed Cox – Senior Geophysicist at Atkins

Fiona Connor - Senior Geotechnical Design Engineer at Gavin & Doherty Geosolutions



Academia and Postgrad pathways

20 October, 14.00 GMT

Discover more about postgraduate opportunities in both academia and industry.

Panel:

James Rae – Director of Impact St Andrews University

Rehemat Bhatia – Strategy Manager at STFC

Stuart Marsh - Professor of Geospatial Engineering, University of Nottingham

Cat Hirst – Senior Engineering Geologist at COWI



Geo-Data /Risk management AI in Geoscience

20 October, 15.00 GMT

Big data and advanced computing techniques are becoming increasingly important to research and practice in the geosciences. This theme will seek to explore the importance of these techniques and information derived from their application to our understanding of the planet and the many challenges affecting people and the environment.

Panel:

Emily Riley – Project Manager at WJ UK

Craig Parry – Senior Engineering Geologist at Atkins

Julia Griffin – Senior Environmental Consultant at Hydrock



The Geological Society

Library Services for Student Members

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Visit <https://www.geolsoc.org.uk/Events/Online-Training-Courses> to find out more.



Online Training

7 November 2022

ONLINE TRAINING: An Introduction to Geotechnical Monitoring



#GSLTraining

www.geolsoc.org.uk/11-Instrumentation-Training



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Online Training

8 - 9 November 2022
4 part course

ONLINE TRAINING Earthworks engineering geology in design and construction practice



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www.geolsoc.org.uk/11-earthworks



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Group Liaison:
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Thomas Skiggs



Dr. Simon Groom

The Early Career Network (ECN) operates as a sub-group of the Geological Society and actively looks to collaborate with the specialist and regional groups, as well as external companies and other professional societies, to provide value for our members. Whilst principally aimed at those who are within the first 10 years of their geoscientific careers, the ECN is open to anyone who is interested in its activities.

Areas of focus include providing early career professionals a range of opportunities for networking, mentoring, continual professional development and personal upskilling. The group is also a proponent of the society's Chartership scheme and aims to support its members towards professional accreditation.

For more information about the ECN, its planned activities, or to get involved, please check us out on social media or get in touch via email geolsocecn@gmail.com.

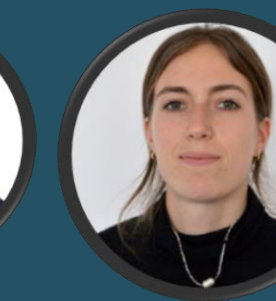


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