

GEOSCIENCE FOR THE FUTURE



Geoscientists will be crucial in meeting society's future challenges, be that through the United Nations Sustainable Development Goals, the Paris Agreement to avoid dangerous climate change, or through other important policies to protect the environment and ensure the availability of vital resources for all.

- Geoscientists will be critical in:
- Ensuring access to clean and sustainable water supplies
 - Sourcing and extracting critical minerals needed from green technologies like solar and wind power
 - Understanding the subsurface to harness geothermal energy, enable safe infrastructure development, and carbon capture and storage technologies
 - Mitigating climate change and influencing governmental policy through understanding past climates, modelling potential future outcomes and understanding climate impacts on the environment, livelihoods and natural hazards



PLANETARY GEOLOGY

GIS & REMOTE SENSING

GLACIOLOGY

PALAEOCLIMATOLOGY

HYDROPOWER

GEOMORPHOLOGY

VOLCANOLOGY

GEHAZARD MITIGATION

SEISMOLOGY

BATTERY TECHNOLOGY

MINING & MINERAL RESOURCES

GEO THERMAL ENERGY

CRITICAL MINERALS

GEOPHYSICS

GEO SCIENCE RESEARCH

SCIENCE OUTREACH & COMMUNICATION

MUSEUM CURATION

SCIENCE POLICY

NON-GOVERNMENTAL ORGANISATIONS

PALAEONTOLOGY

HYDROGEOLOGY

ENGINEERING GEOLOGY

GEOLOGICAL DISPOSAL OF RADIOACTIVE WASTE*

RENEWABLE ENERGY

NUCLEAR ENERGY

CONTAMINATED LAND

ENVIRONMENTAL GEOCHEMISTRY

ENVIRONMENTAL/LANDSCAPE PROTECTION

EROSION MANAGEMENT

CARBON CAPTURE & STORAGE

HYDROCARBONS

ENERGY STORAGE (GAS, HYDROGEN, COMPRESSED AIR)

CONTAMINATED GROUNDWATER

SUSTAINABLE DEVELOPMENT GOALS



THE GEOLOGICAL SOCIETY OF LONDON SUPPORTS THE SUSTAINABLE DEVELOPMENT GOALS