

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.

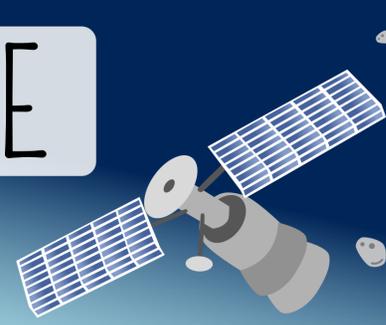
Geoscientists will be critical in:

- 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

SUSTAINABLE DEVELOPMENT GOALS



THE GEOLOGICAL SOCIETY OF LONDON SUPPORTS THE SUSTAINABLE DEVELOPMENT GOALS



PLANETARY GEOLOGY



GIS & REMOTE SENSING



GLACIOLOGY

PALAEOCLIMATOLOGY



GEOGRAPHY



HYDROPOWER



VOLCANOLOGY



GEOHAZARD MITIGATION



BATTERY TECHNOLOGY



SEISMOLOGY



SCIENCE OUTREACH & COMMUNICATION



MUSEUM CURATION



SCIENCE POLICY



NON-GOVERNMENTAL ORGANISATIONS



CONTAMINATED LAND



ENVIRONMENTAL GEOCHEMISTRY



NUCLEAR ENERGY



ENVIRONMENTAL/LANDSCAPE PROTECTION



GEOSCIENCE RESEARCH



GEOPHYSICS



RENEWABLE ENERGY



EROSION MANAGEMENT



OCEANOGRAPHY



MINING & MINERAL RESOURCES



PALAEONTOLOGY



TEACHING



CARBON CAPTURE & STORAGE



HYDROCARBONS



GEO THERMAL ENERGY



HYDROGEOLOGY



ENGINEERING GEOLOGY



ENERGY STORAGE (GAS, HYDROGEN, COMPRESSED AIR)



CRITICAL MINERALS

*MINIMUM DEPTH 200m

GEOLOGICAL DISPOSAL OF RADIOACTIVE WASTE*



CONTAMINATED GROUNDWATER

