

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 for 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 environment, livelihoods and natural hazards.



The Geological Society

serving science, profession & society



University Geoscience UK



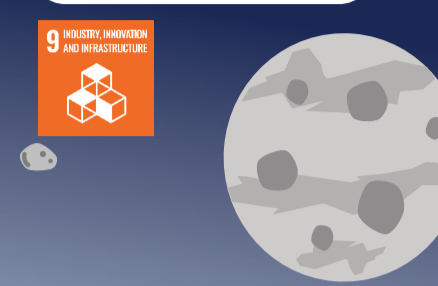
Geology for Global Development

SUSTAINABLE DEVELOPMENT GOALS



THE GEOLOGICAL SOCIETY OF LONDON SUPPORTS THE SUSTAINABLE DEVELOPMENT GOALS

PLANETARY GEOLOGY



GIS & REMOTE SENSING



GLACIOLOGY

PALAEOCLIMATOLOGY



GEOGRAPHY



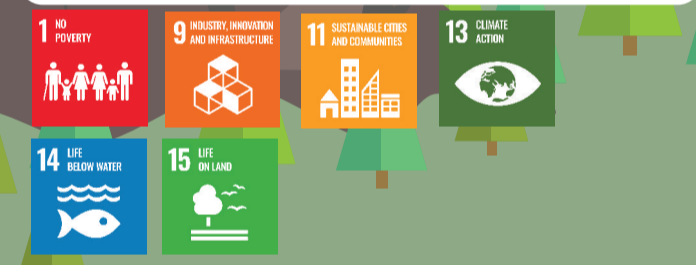
HYDROPOWER



VOLCANOLOGY



GEOHAZARD MITIGATION



SEISMOLOGY



BATTERY TECHNOLOGY



MUSEUM CURATION



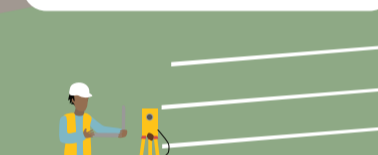
SCIENCE OUTREACH & COMMUNICATION



MUSEUM CURATION



GEOPHYSICS



GEOSCIENCE RESEARCH



SCIENCE POLICY



NON-GOVERNMENTAL ORGANISATIONS



CONTAMINATED LAND



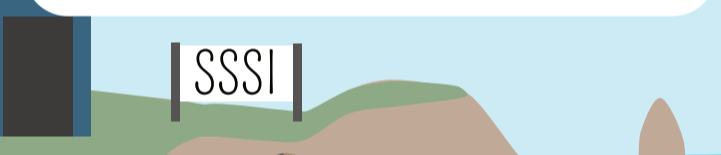
ENVIRONMENTAL GEOCHEMISTRY



NUCLEAR ENERGY



ENVIRONMENTAL/LANDSCAPE PROTECTION



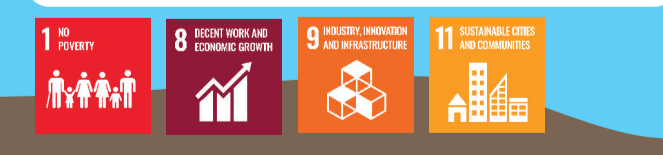
MINING & MINERAL RESOURCES



PALAEONTOLOGY



ENGINEERING GEOLOGY



CARBON CAPTURE & STORAGE



HYDROCARBONS



GEOHERMAL ENERGY



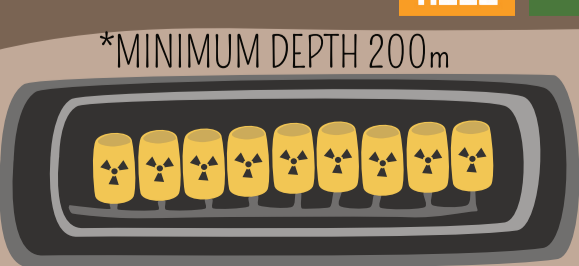
ENERGY STORAGE (GAS, HYDROGEN, COMPRESSED AIR)



CONTAMINATED GROUNDWATER



GEOLOGICAL DISPOSAL OF RADIOACTIVE WASTE*



CRITICAL MINERALS

