

GEOSCIENCE FOR THE FUTURE

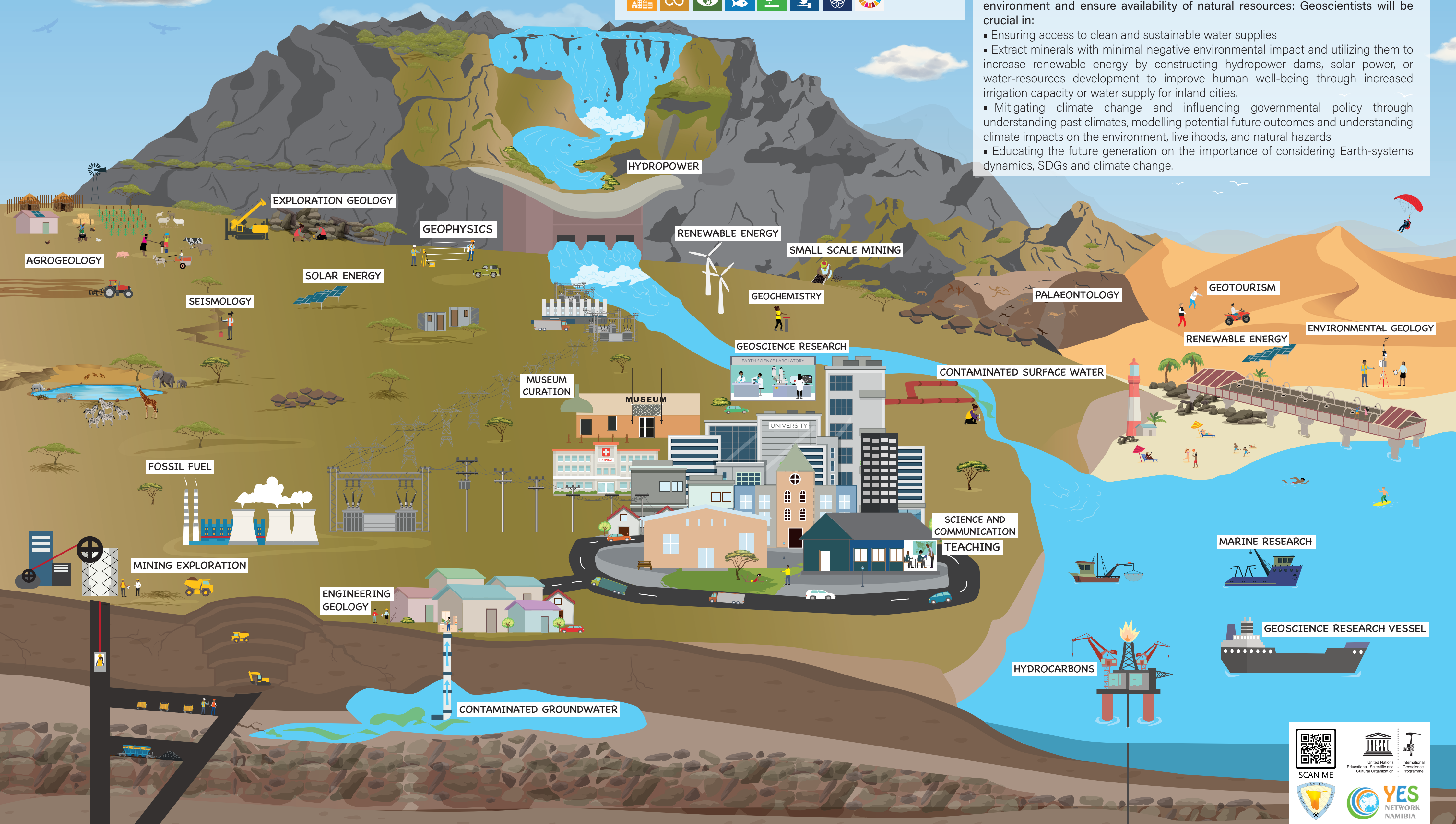
REMOTE SENSING/GEOPHYSICS

SUSTAINABLE DEVELOPMENT GOALS



The United Nations 2030 Agenda and its 17 Sustainable Development Goals (SDGs) represent the global strategy for achieving a better future for all. Geoscientists have a crucial role to play in implementing the SDGs and guiding a more sustainable future. Geoscientists must encourage policymakers and stakeholders to implement plans that will ensure the long-term protection of the environment and ensure availability of natural resources: Geoscientists will be crucial in:

- Ensuring access to clean and sustainable water supplies
- Extract minerals with minimal negative environmental impact and utilizing them to increase renewable energy by constructing hydropower dams, solar power, or water-resources development to improve human well-being through increased irrigation capacity or water supply for inland cities.
- 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
- Educating the future generation on the importance of considering Earth-systems dynamics, SDGs and climate change.



SCAN ME

United Nations Educational, Scientific and Cultural Organization

International Geoscience Programme