

# Petroleum Geoscience

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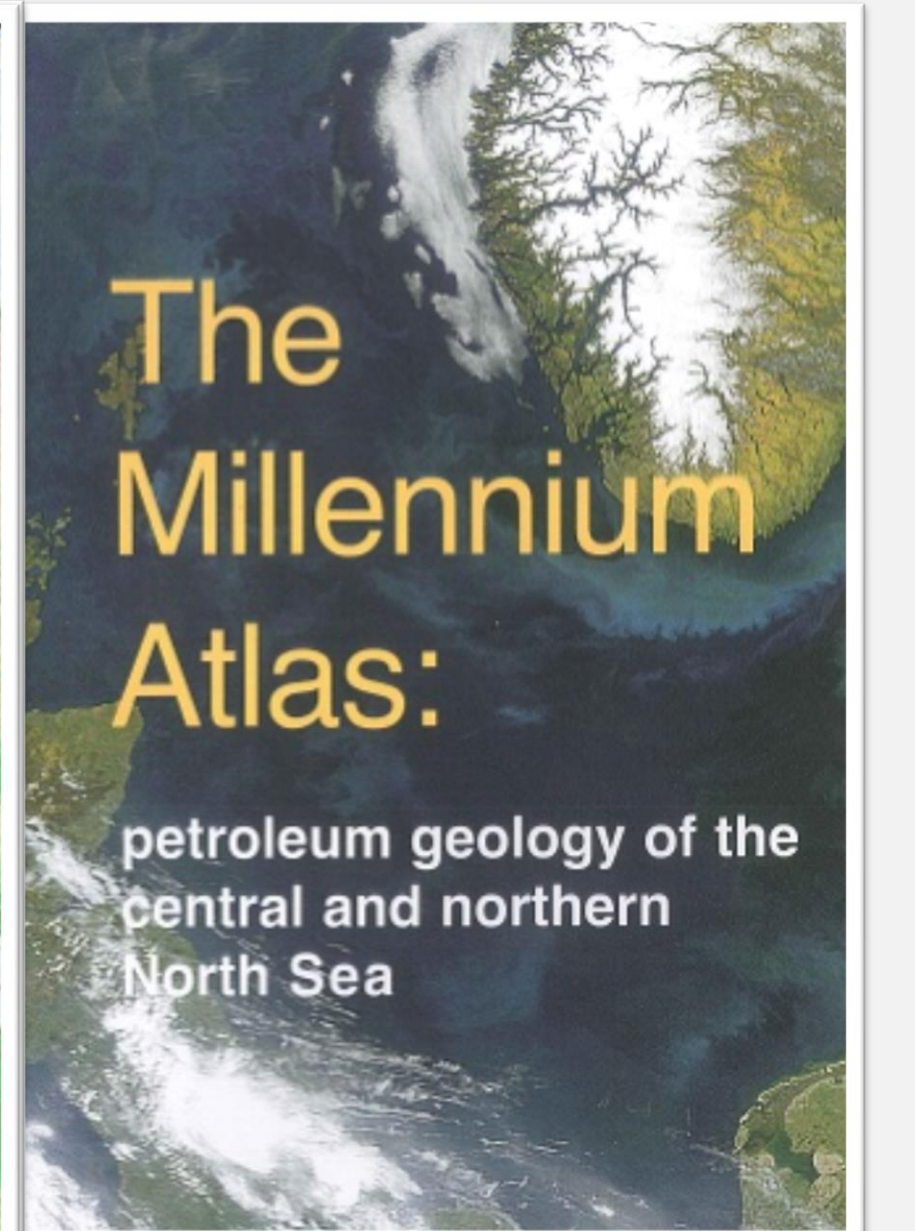
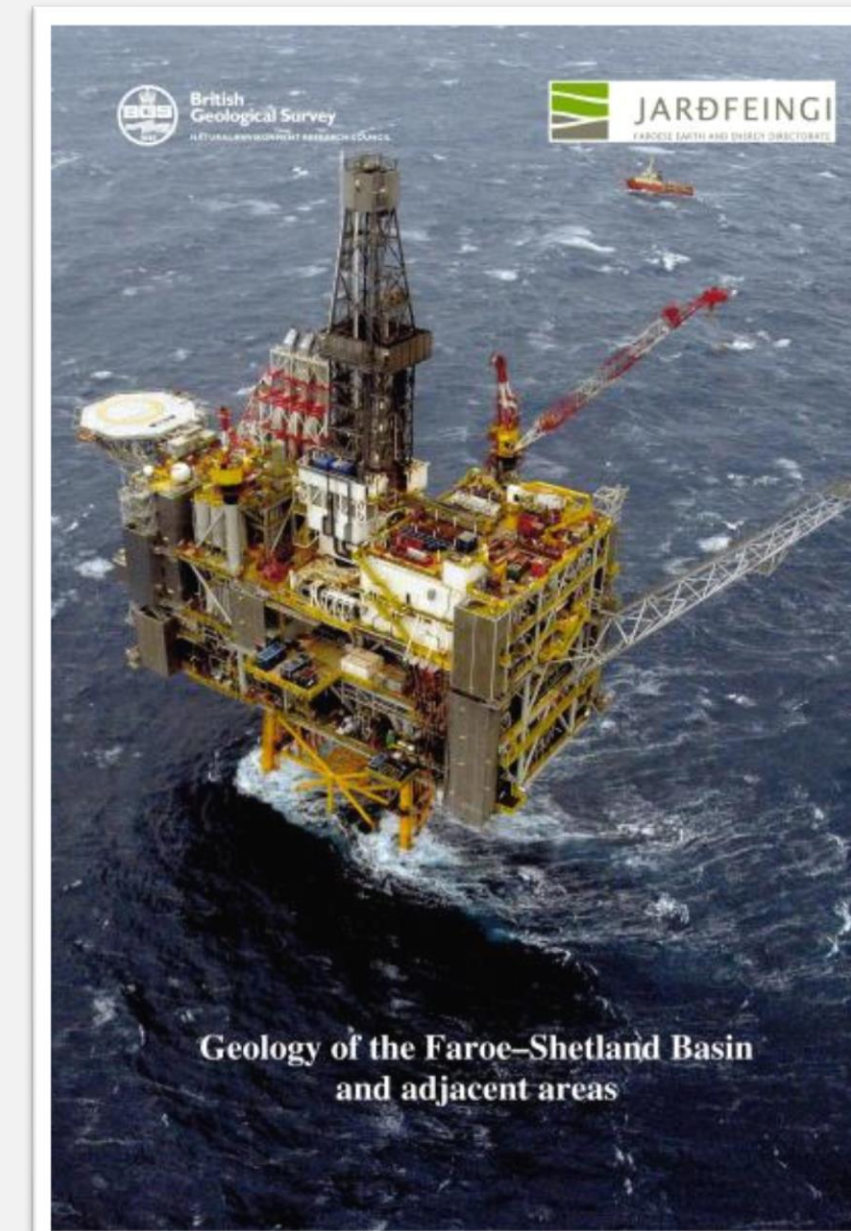
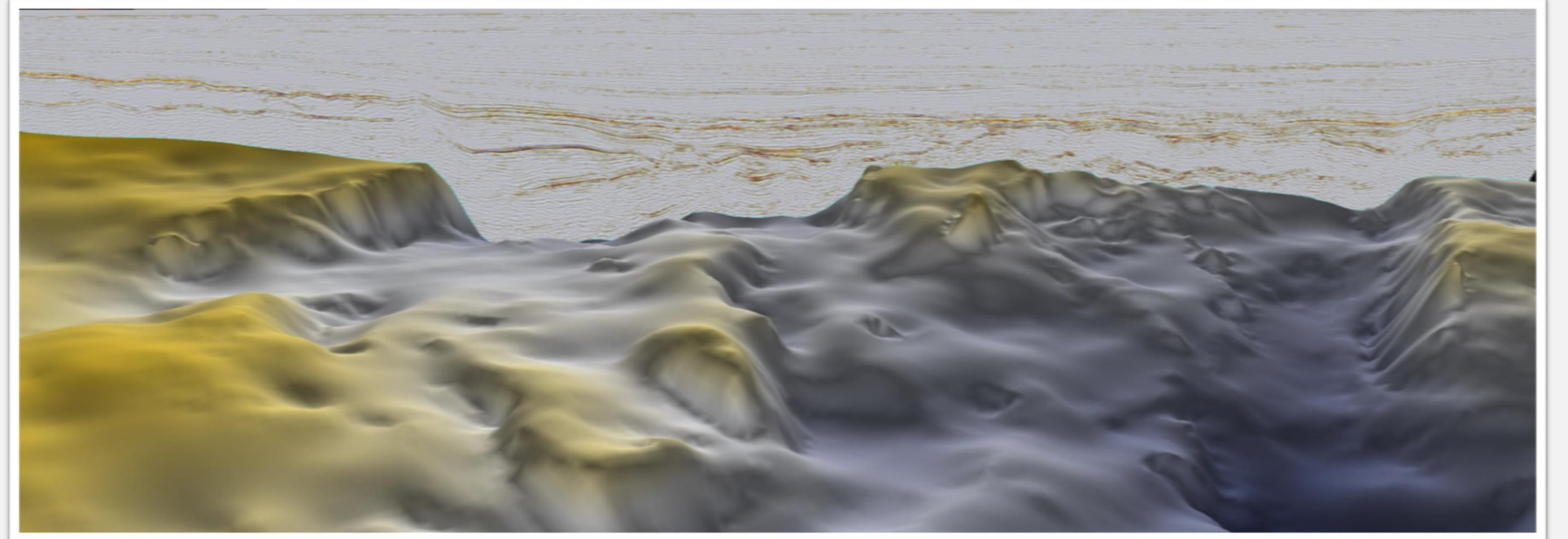
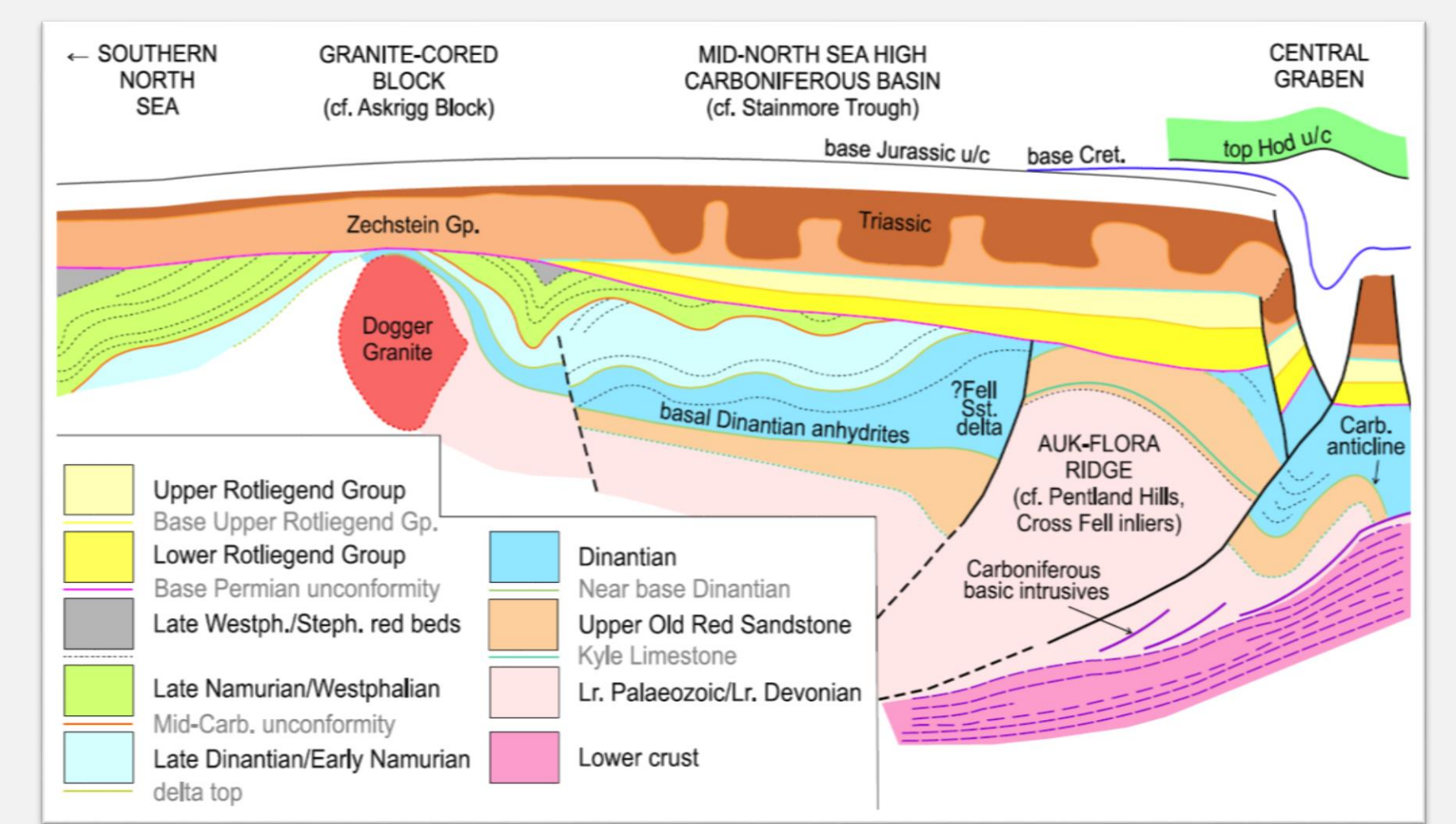
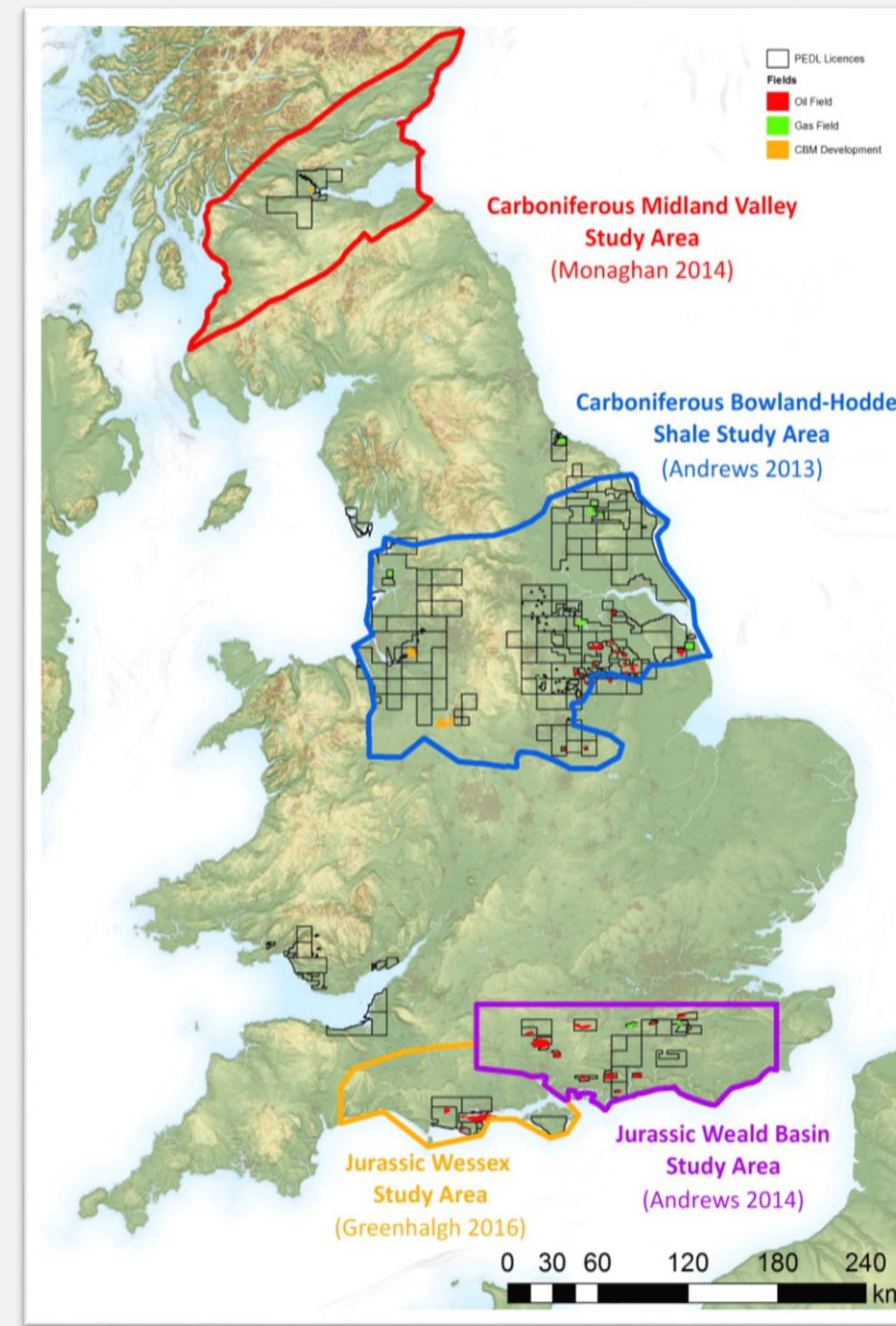
The Petroleum Geoscience team provides impartial geological advice and services in support of hydrocarbon exploration and development activities. These include:

- Detailed understanding of the petroleum potential of the UK and its offshore regions.
- Modelling the geological evolution of the UK Continental Shelf and wider region.
- Evaluating petroleum potential in other countries:
  - Falkland Islands,
  - UAE
  - Isle of Man

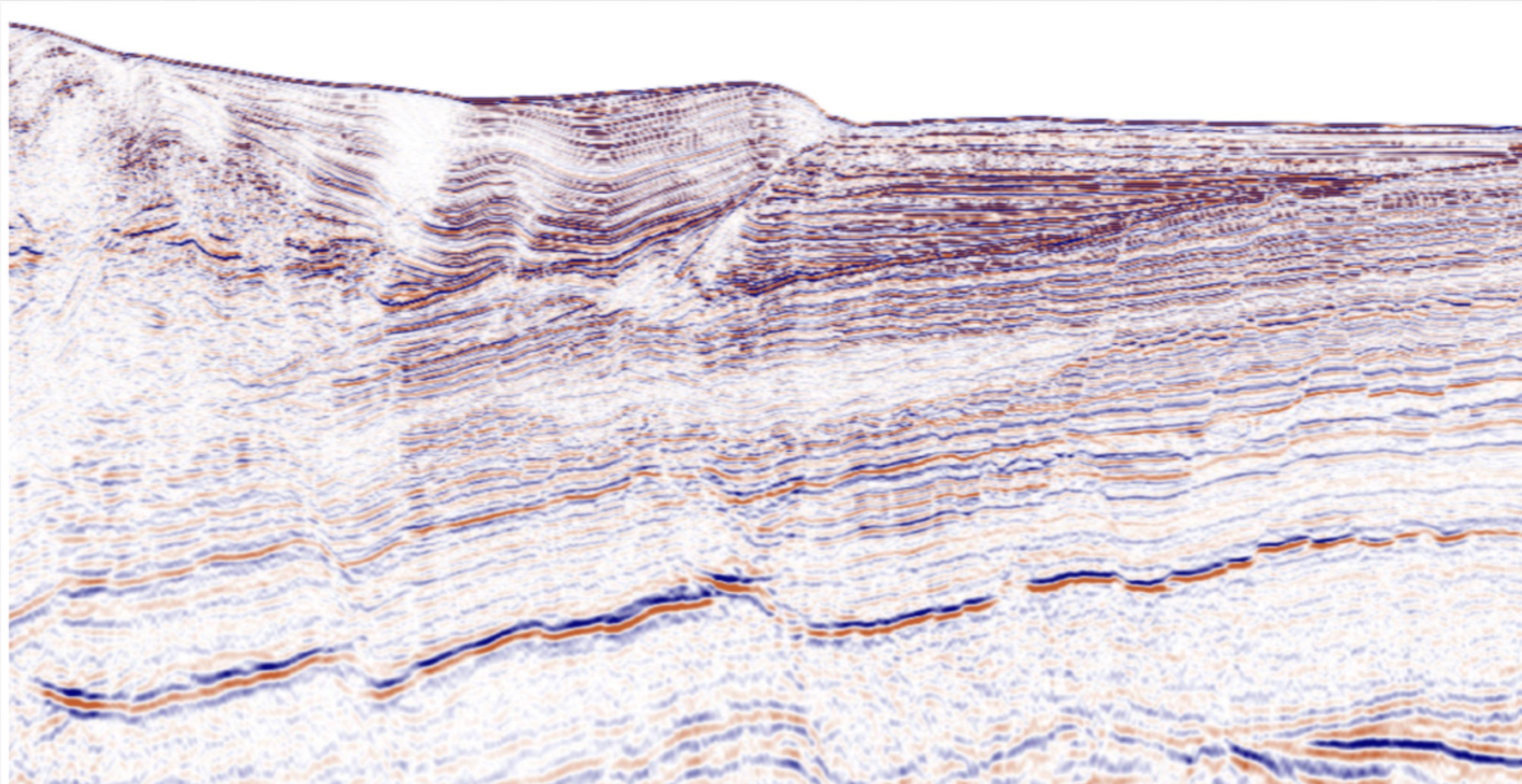
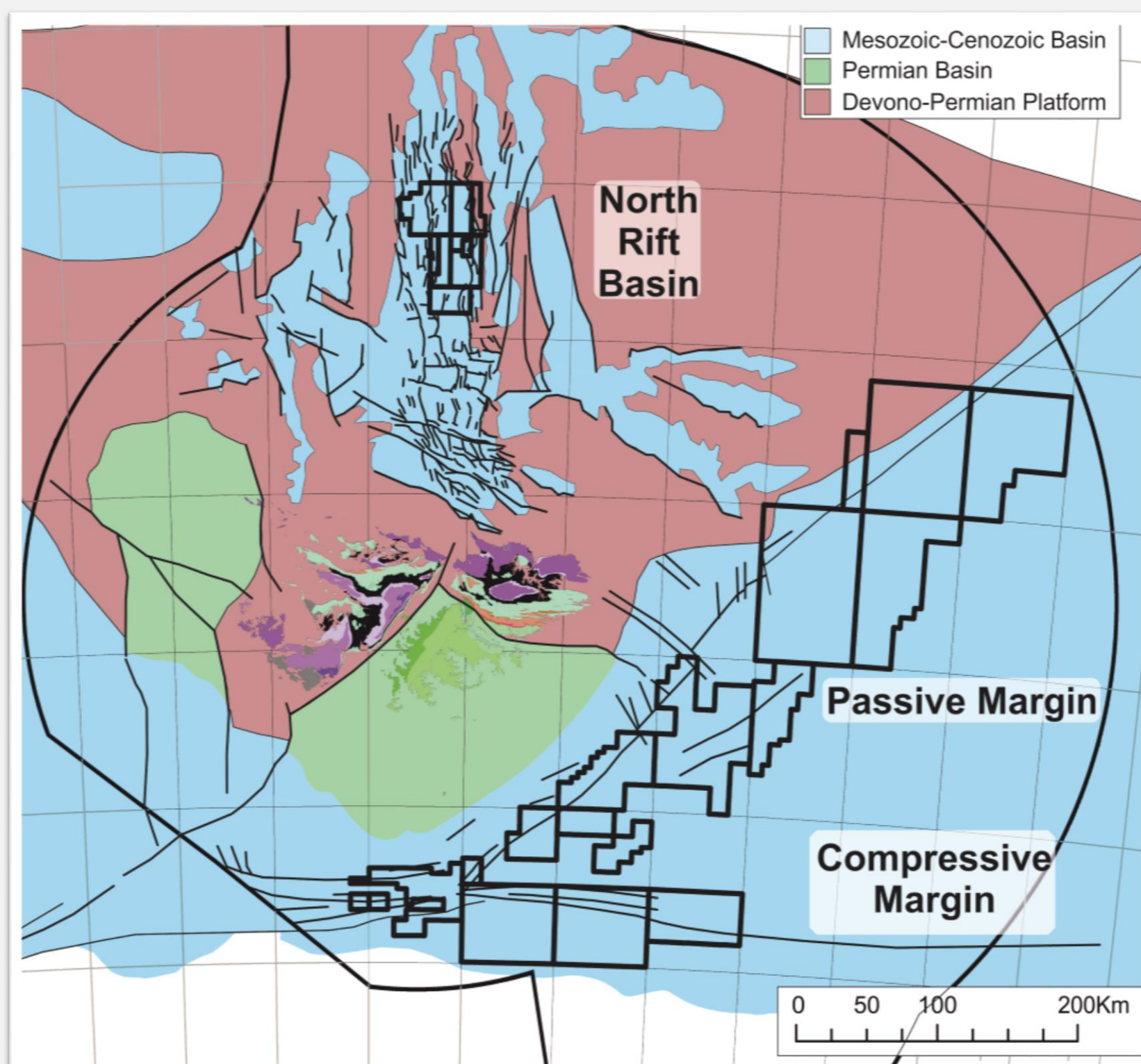
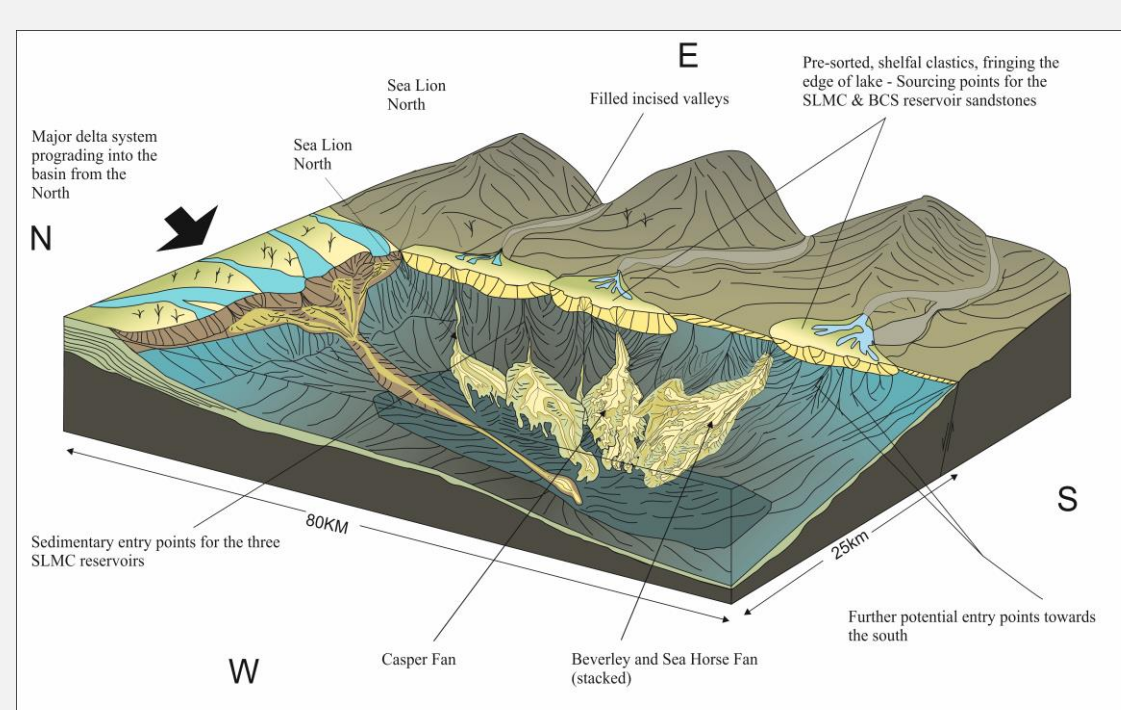
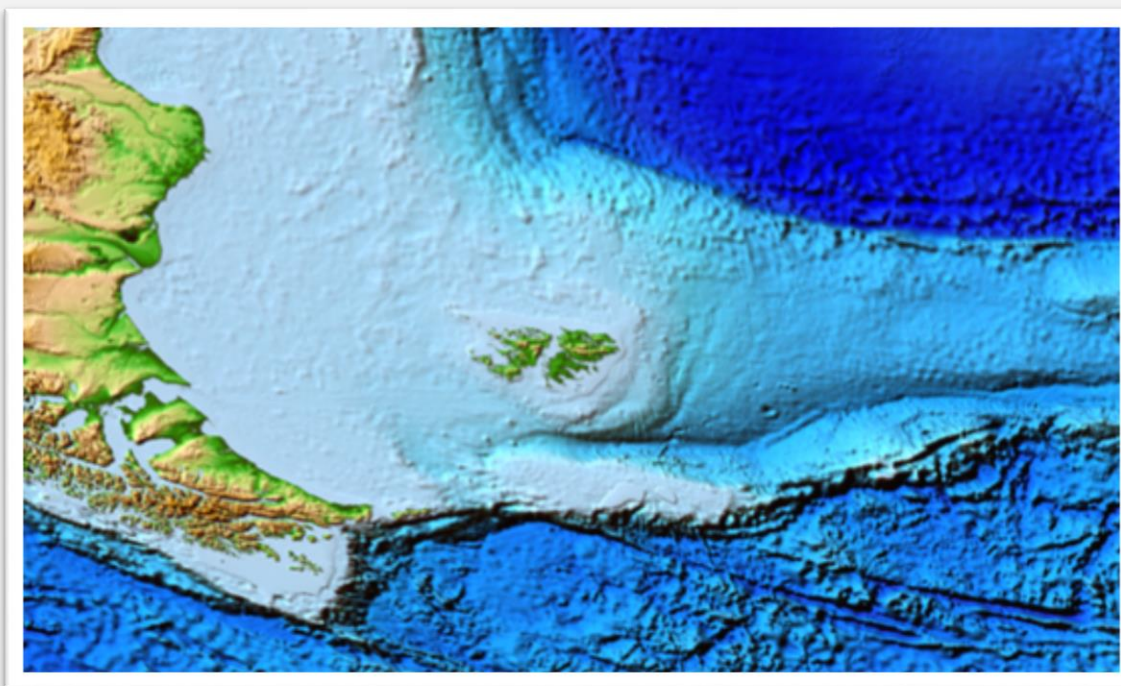
## Other roles include:

- Regional geological studies,
- Prospect generation and risking,
- Resource assessment,
- Prospect Databases,
- Calculate UK Yet-To-Find reserves,
- Field development studies,
- Regulatory advice, licensing and marketing

## UK Onshore and Offshore Hydrocarbon Prospectivity



## Falkland Islands



## Regional Projects

The BGS have been and continue to be involved in a number of large innovative projects that feature survey/industry collaboration, all of which encourage geological understanding and investment. These include:

- The Faroe Shetland Consortium;
- NAG-TEC (Tectonostratigraphic Atlas For the North-East Atlantic Region);
- The Millennium Atlas;
- 21st Century Exploration Roadmap;
- Petroleum Geological Atlas of the South Permian Basin Area.

We are currently in partnership with DFID, as extractive advisor for developing countries, which involves building capacity and strengthening other geological surveys i.e. Myanmar, Sierra Leone.

Additionally the team has a wide range of industry and research interests, with skills including seismic & well interpretation, gravity & magnetic studies, source rock geochemistry, basin modelling, stratigraphy, structural geology and sedimentology.