

Geology & Geophysics

RPS offers a wide range of sub-surface expertise and experience that can be applied at any point in the life of an asset, from exploration to production. Our geoscientists include interpreters; geophysicists; geologists; plus the specialist technical disciplines of petrophysics, sedimentology and biostratigraphy.

This expertise can be delivered either by an individual specialist or by an integrated team, and this provides our clients with a level of support for both integrated and specialist projects that is second to none. Many of our staff have

worked within operating oil companies and have the technical and commercial overview to ensure that projects are properly resourced and deliverables provided on time, whilst others are dedicated experts in their chosen field.

What we provide

- 2D and 3D seismic interpretation
- Integrated basin studies
- Stratigraphic and structural studies
- Thermal history reconstruction

- Basin modelling (regional correlations and sedimentological models, reservoir analogues, sand-body geometry, input into determination of flow units, integration with seismic and petrophysics for prospect evaluation)

- Prospect mapping and evaluation
- Petrophysics – integration of core samples and well log data, structural analysis and modelling (structural interpretation of seismic data, cross-section restoration, structural history analysis, fault-seal analysis)

