



3D OUTCROP VISUALIZATION

Adding an extra dimension to training using an interactive and collaborative visualization platform to integrate 3D geological outcrop models and other subsurface data

Hundreds of 3D outcrop images illustrating geological features in the RPS database are available to enhance the training experience.

- Distance learning classes delivered by webinars incorporate 3D imagery, including examples from a variety of locations that provide the best examples.
- Field classes are enhanced by using images to provide a different perspective on field locations plus views of outcrops from other parts of the world for comparison.
- Classroom courses on a wide variety of topics can be enriched by inclusion of examples and exercises using 3D outcrop imagery.

Our Disciplines:

Geosciences
Reservoir & Production Engineering
Facilities & Surface Operations
Interdisciplinary & Professional
Skills Development

Our Services:

Scheduled Courses
In-house Blended Programs
Organisational Capability Advisory
Individual Competency Analysis
Mentoring and Skills Transfer

Courses are thematic, addressing specific learning outcomes. Examples and exercises do not have to be limited by the geology of a single location.

Example Courses

Each course can be tailored to address specific learning outcomes or different exploration/development emphasis areas, and many more courses on a wide range of themes including carbonate systems, structural geology or stratigraphic analysis are available.



Geological Model Development in Fluvial Reservoirs

Controls on reservoir quality and connectivity and nature of heterogeneity from sandstone body to system-wide scale.

Featuring a range of 3d Models from Miocene, Spain | Jurassic, Portugal | Cretaceous, Wyoming & UK



Shore to Shelf Depositional Systems

Regional to reservoir shoreline to shelf sedimentology in a sequence stratigraphic framework for predictive exploration and development models.

Featuring a range of 3d Models from Eocene, Spain | Cretaceous, Utah & UK | Miocene, Malaysia



Deep-water Clastic Reservoirs

Controls on deep-water sedimentation including high amplitude sea level changes, sediment supply and the importance of varied gravity flow processes to reservoir elements.

Featuring a range of 3d Models from Carboniferous, Ireland & Arkansas | Permian, Texas | Miocene, Spain



Virtual Reality for Geoscience

3D Gaia (from Imaged Reality) allows real-time interactive annotation and measurement on imagery, with sharing of interpretations between participants and the instructor.

Bringing the field to the office for immersive remote working