

RESERVOIR CHARACTERISATION 1: FACIES ANALYSIS, DEPOSITIONAL SYSTEMS AND SEQUENCE STRATIGRAPHY OF PURE AND MIXED CARBONATE SYSTEMS

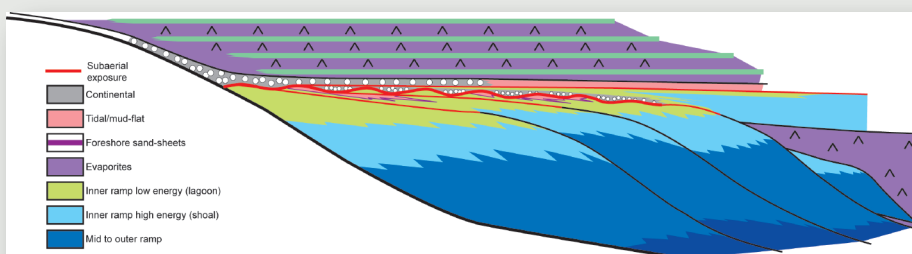
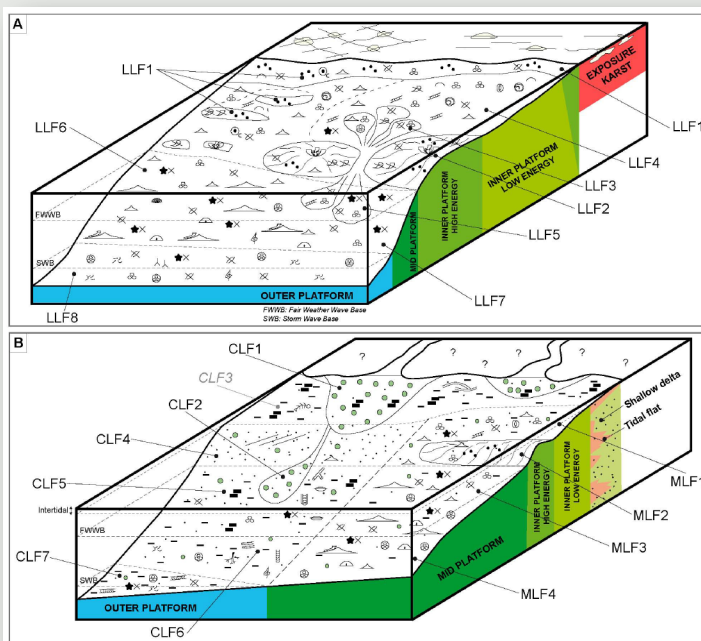
29-30 September 2022

This course provides an introduction to the controls on reservoir architecture and offers a practical introduction to the techniques and work flows involved in carbonate studies aimed at integrating core logging, microfacies studies, carbonate facies analysis, sequence stratigraphy well correlation and the application of seismic and log data to understanding the architecture carbonate systems.

This is aimed at sedimentologists, stratigraphers and non-specialist geologists who use subsurface data to build static reservoir models. We recommend that you also consider participating in the parallel course Reservoir characterisation 2 that covers matrix properties, dual porosity systems and flow units.

Key learning objectives:

- General controls on carbonate production and how global factors and global change affect carbonate-producing communities and carbonate facies types.
- To provide an overview of marine and terrestrial carbonate depositional system and facies models and how to distinguish carbonates deposited in differing environments.
- How to undertake a work flow for describing and interpreting the depositional facies and environments of carbonate reservoirs using core and microfacies data.
- To understand the sequence stratigraphic response of pure carbonate and mixed carbonate-evaporite and carbonate-clastic systems.
- Log response of carbonates.
- Seismic response of carbonates



COST: GBP £950 per person

To register for a course please go to our dedicated site: www.cambridgecarbonates.com/virtualcourses

Courses will be presented through TEAMS. Further info contact Benoit: benoit@cambridgecarbonates.co.uk