

## Southeast Asian carbonate systems and reservoir development: an up-to-date synthesis



This is a revised version of our comprehensive multiclient report reviewing the **existing and future hydrocarbon potential in Cenozoic carbonate systems of SE Asia**. The report presents an up to date appraisal of the sedimentological and sequence stratigraphy of Cenozoic carbonate reservoirs in light of recent research in SE Asia and on evolving concepts of carbonate sedimentology in general.

The report includes a review of Cenozoic carbonate systems, high resolution sequence stratigraphy, diagenesis of Cenozoic carbonates, origin and prediction of sub-surface CO<sub>2</sub>, distinguishing volcanic structures from carbonate build-ups, and trends in reservoir porosity and permeability.

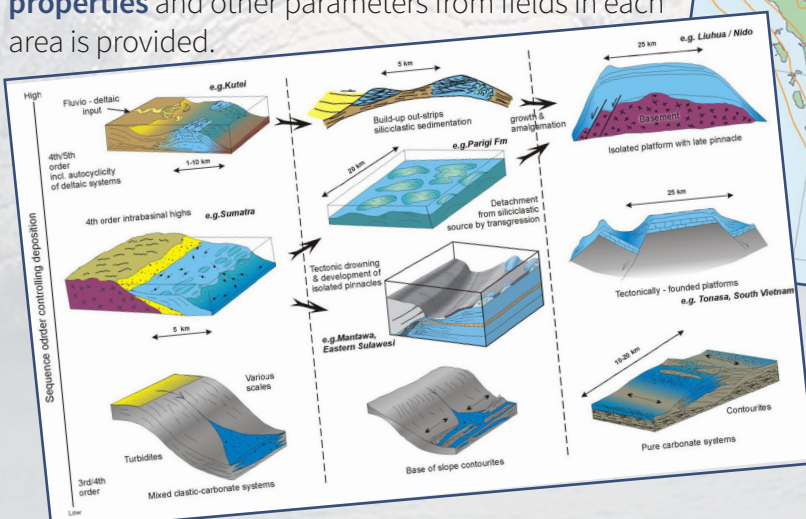
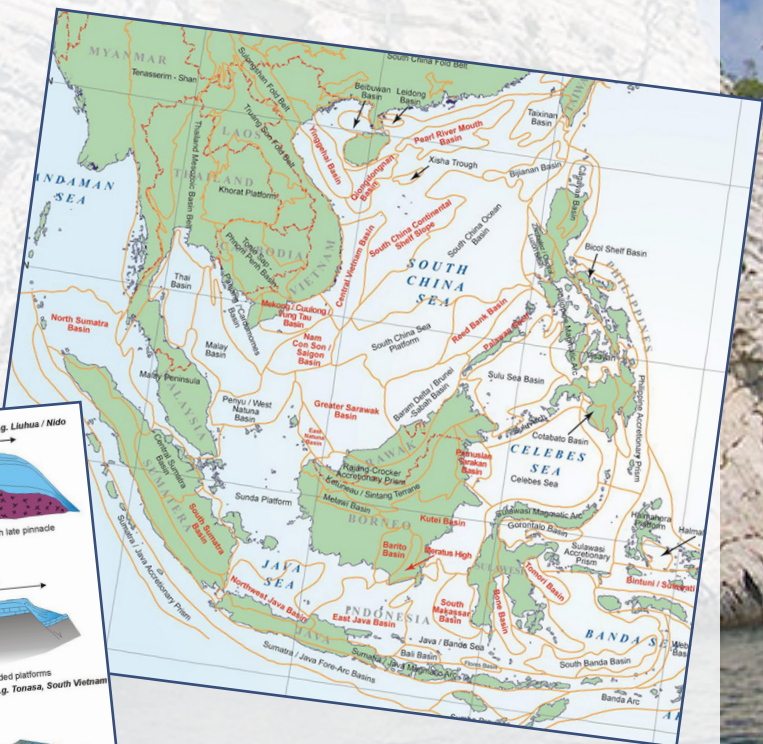
The **detailed basin reviews** are the main focus of the report. For each basin the report discusses the Cenozoic carbonate reservoirs, including the main **controls on reservoir quality** with the depositional facies, sequence stratigraphic context, diagenesis, porosity permeability properties and seismic expression being illustrated.

The future potential of the basins are also discussed, including any additional plays, the key uncertainties and any new concepts or methodologies that may lead to making further discoveries or adding reserves to existing fields. And finally a **dataset of reservoir properties** and other parameters from fields in each area is provided.

The areas of interest are:

- **North and South Sumatra** and adjacent offshore areas.
- **Java** and adjacent offshore areas; including a separate chapter on the new finds in Pliocene carbonate contourites.
- Offshore south and east **Vietnam** and the **South China Sea**.
- Offshore **Sarawak, Philippines** and **Natuna Seas**.
- **East Kalimantan, Sulawesi** and adjacent offshore areas.
- **West Papua and Papua New Guinea**.

New for the updated version is an associated GIS project. The **GIS project** contains **georeferenced map figures** and also a geodatabase of reservoir parameters.



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This report can purchased as a whole or by individual chapter, module or basin.