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**CARBONATE TURBIDITES:  
Their CHARACTERIZATION and FEASIBILITY as HYDROCARBON  
RESERVOIRS**

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The Cutri Formation on the Island of Mallorca was deposited during the rifting of the northern margin of the Ligurian Ocean in the Mid-Upper Jurassic. The oolitic sandbody that is the subject of this study was deposited in a graben with a complex internal block configuration during a known stratigraphic gap in the Callovian. This project looks into the origin of the sediment and deep water sedimentary processes that led to the Formation's deposition. Diagenetic changes have been observed that allow the development of a porosity history and hence a reservoir model. This may serve as an analogue for resedimented carbonates as hydrocarbon reservoirs.



**Figure 1. The Cutri Formation forming a 50-70m ridge on top of the Jurassic Platform**