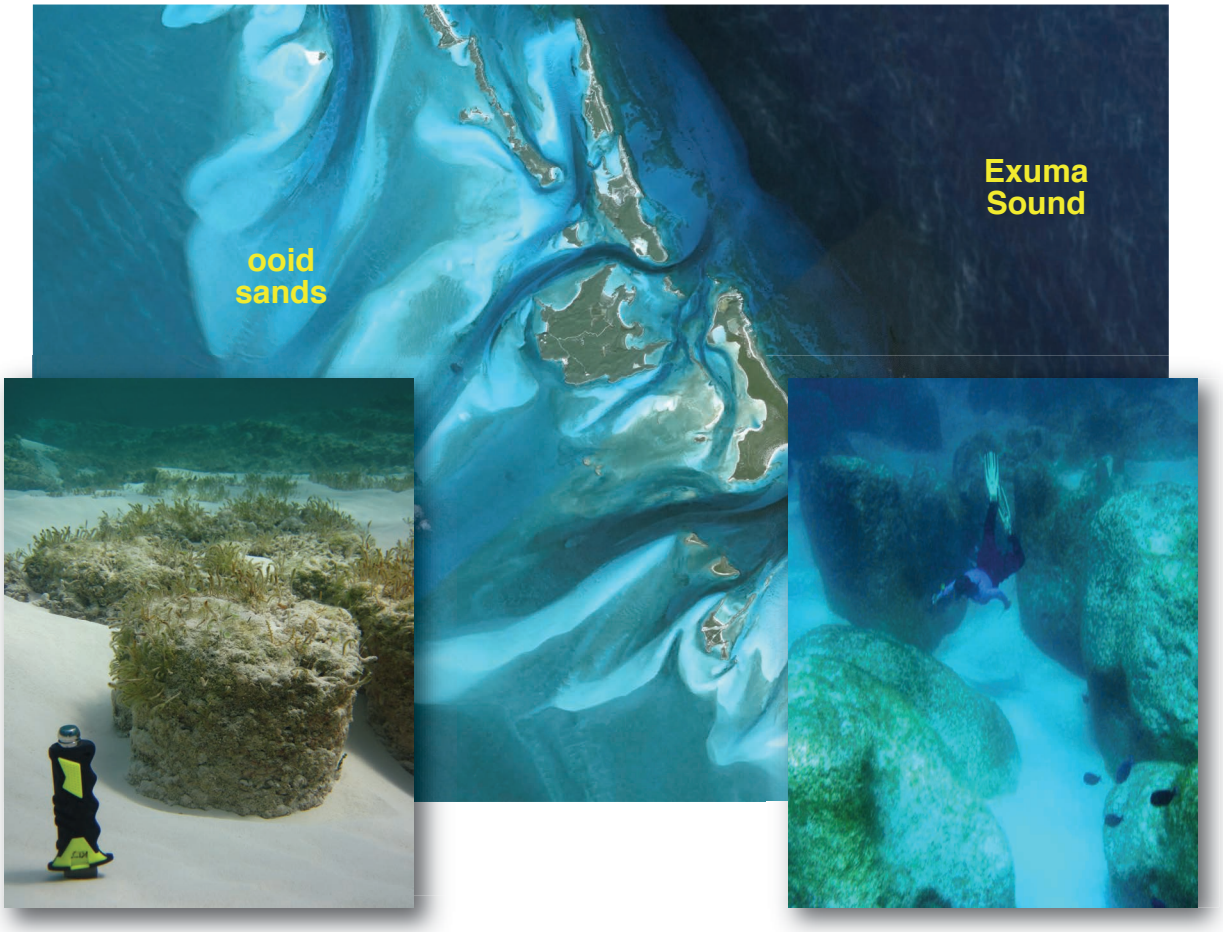
OID SANDS AND MICROBIALITES ALONG THE EXUMAS MARGIN

Depositional Models, Stratigraphic Framework and Reservoir Analogs

CSL - Field Seminar



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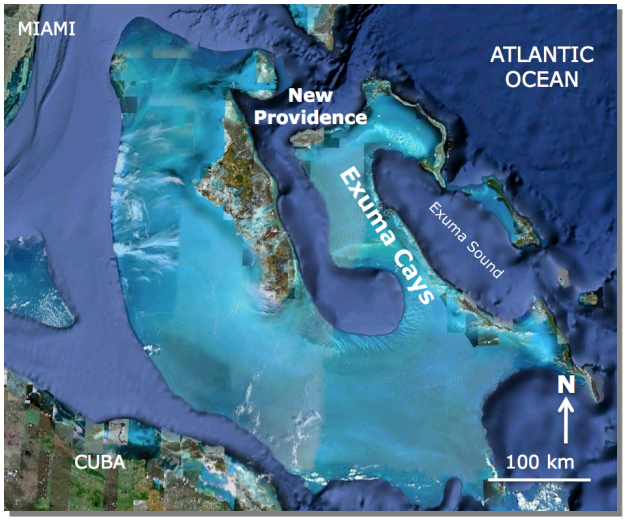
Location: The 6-day seminar begins and ends in **Nassau** on New Providence Island, **Bahamas**. Several field stops along the island chain of the Exumas are visited by boat along the carbonate platform margin that is dominated by ooid grainstone facies and the largest occurrence of modern normal marine stromatolites.



Objectives:

1. Examine exploration-scale **facies belts of variable ooid and microbial deposits** along a windward margin.
2. Illustrate the dynamic **evolution of grainstone facies** during the Holocene transgression that imparts **reservoir-scale heterogeneity**.
3. Relate a **complex stratigraphic record of sea-level oscillations** to subsurface correlation.

Who should attend: Exploration and production geoscientists and reservoir engineers working in grainstone and microbial carbonate reservoirs and those exploring along platform margins.

Seminar Content: The seminar will illustrate the relationships and dimensions in an ooid-dominated, high-energy platform margin as well as the relationship of stromatolites and associated facies. We will show the dynamic development of these grainstone bodies and associated stromatolites during the Holocene sea-level rise and illustrate the heterogeneity in Pleistocene strata from both the depositional and diagenetic perspective created by sea-level oscillations within the last interglacial highstand (MIS 5e).

Costs: $6,400.-, Includes all ground transportation, lodging on boat, meals, and course notes with virtual field seminar in digital form.

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See also: http://www.cslmiami.info/learning/fieldSeminars