

Tectonic-Sedimentary Evolution in Southern Tethyan Margin: The Moroccan High Plateaux During the Jurassic Times

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The atlas system of North Africa is one of the best exposed segments of the southern margin of Tethys. Its Mesozoic history especially at the Jurassic times can be taken as a guide to the tectonic-sedimentation evolution:

The Jurassic High plateaux sedimentation constitutes a shallow tidal carbonate-platform. This platform is surrounded by the deep basins of Middle Atlas and High Atlas.

A number of specific tectonic units manifested the part of east-west synsedimentary trending fault. The Mechakour, for example, is a small subsiding basin located at the southern part of High plateaux. He is filled by thick deep sedimentary accumulation and limited by mud-mounds NE narrow depressions which were controlled by transtensive tectonic regime.

The architecture of the High plateaux consisted of rhombic shallow platform extended at the south part of tethyan margin. This canvas is related with Atlantic distension stage.

Key words: Jurassic, Tethys, high plateaux, Atlas.