

Salt tectonics and basement fractures - key controls ofRecent sediment distribution on the Balearic Rise, western Mediterranean

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Notes: Bibliography, p. 50-52.

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Mechanisms of sediment transport and dispersion in a tectonically active submarine valley/canyon system: Zakynthos Straits, NW Hellenic Trench

In Eastern Algeria and Tunisia, the tectonic regime remains consistent with the eastward escape controlled by the Tyrrhenian slab. PQ is composed of a low amplitude Lower Pliocene LP layer overlain by a high amplitude Upper Plio-Quaternary UPQ package. How to cite: Jourdon, A.

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After the counter-clockwise rotation of the Corsica-Sardinia that opened the Liguro-Provençal Basin, the Algerian Basin resulted from the dislocation of the Alboran-Kabylie following N-S to NW-SE trends ; ; ; and references therein. The basement is cut by faults produced by the Oligo-Miocene rifting phases.

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A revised mud budget indicates that steady-state input is not needed. The set of 100 1-D initial velocity models is constructed by randomly perturbing velocity and reflector depth in the initial models within reasonable bounds.

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Bathymetric and topographic map of the western Algerian margin. How to cite: Gómez-Romeu, J. Paleomagnetic measurements performed on volcanic rocks younger than 8 Ma show that they suffered systematic clockwise vertical axis rotations in agreement with right-lateral movement along E-W faults ,.

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This second rifting event lasted until the late Bajocian in the Rif and in the Middle Atlas ; , . Contrary to the eastern segment, the western segment structure results not only from frontal displacements, AlKaPeCa colliding with Africa, but also from post-Burdigalian stages showing a westward lateral escape of the Alboran block. Under North Africa margin, the southward mantle delamination allowed propagation of the deformation toward the foreland.

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