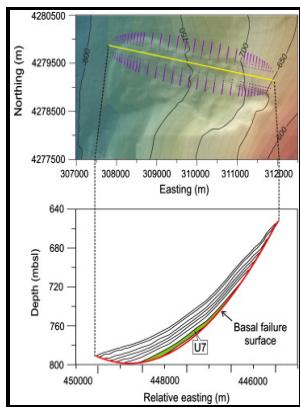


Salt tectonics and basement fractures - key controls ofRecent sediment distribution on the Balearic Rise, western Mediterranean

Smithsonian Institute Press - Salt tectonics and crustal tectonics along the Eastern Sardinian margin, Western Tyrrhenian: New insights from the "METYSS 1" cruise



Description: -

- Geology -- Western Mediterranean.
Geology, Stratigraphic -- Recent.
Marine sediments -- Western Mediterranean.Salt tectonics and
basement fractures - key controls ofRecent sediment distribution on
the Balearic Rise, western Mediterranean

-
Symposion (Freiburg im Breisgau, Germany) -- 101.
Symposion -- 101
Smithsonian contributions to the marine sciences ; no. 3Salt tectonics
and basement fractures - key controls ofRecent sediment distribution
on the Balearic Rise, western Mediterranean

Notes: Bibliography, p. 50-52.
This edition was published in 1979



Filesize: 36.18 MB

Tags: #The #Tell

Influence of differential compaction above basement steps on salt tectonics in the Ligurian

Grey line A—B marks the bathymetric profile shown in inset which highlights the steep continental slope. The processing sequence is described in Medaouri et al. In some place, the apparent lack of PmP and the reflectivity observed at normal incidence suggest the crust to mantle transition is smooth with thin embedded layers.

Seismic imaging of Late Miocene (Messinian) evaporites from Western Mediterranean back

Our results show that the magmatic evolution of rifted margins is complex and cannot be characterized based on the volume of observed magma alone.

Mediterranean Seafloor Features: Overview and Assessment

The Moho depth is well constrained between km-0 and km-20 9. How to cite: Zalai, Z. The event that caused salt deposition towards the end of the MSC, while the upper evaporite gypsum and clastics were deposited in the deep basins, can be considered a regional event in the Western Mediterranean.

Mud Redepositional Processes as a Major Influence on Mediterranean Margin

It is coeval, within dating uncertainties, with the emplacement of a megaturbidite in the Balearic Abyssal Plain and immediately predates a major avulsion of the Rhone turbidite channel that led to the emplacement of an avulsion lobe the neofan on top of the RWMTD. Rollover structures are well developed at the base of the Sardinian slope, as the MSC units were continuously deposited both in the deep basins and its margin.

Mud Redepositional Processes as a Major Influence on Mediterranean Margin

This timing suggests that both the exhumation of the EMM and the development of wedge-top basins are related to the westward translation of the Alboran domain. The Back-arc basin was generated by the southeast trench retreat of the Apennines-Calabrian subduction zone.

Related Books

- [Lamb feeding experiments at the Irrigation Branch Station](#)
- [Report on the Contract of Transaction by the Committee on the Contract of Transaction](#)
- [Manual do proprietário rural, \[seus direitos, suas obrigações\]](#)
- [Education - a shared responsibility](#)
- [Śāstri Sarvendrapati Tripāṭhī smṛtyañjali](#)