Quaternary forced regression deposits in the Adriatic basin and the record of composite sea-level cycles

Fabio Trincardi, Annamaria Correggiari

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High-resolution seismic and sedimentological data from the Central Adriatic basin reveals a Quaternary shelf-perched wedge that is comprised of four prograding units, the top surfaces of which are truncated by regional erosional surfaces. Internal reflector geometry indicates that each unit developed during highstand to falling sea-level conditions. Falling sea level resulted in successive downward and seaward shifts of the shoreline (forced regression). Because progradation occurs as a depositional continuum from highstand to...

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