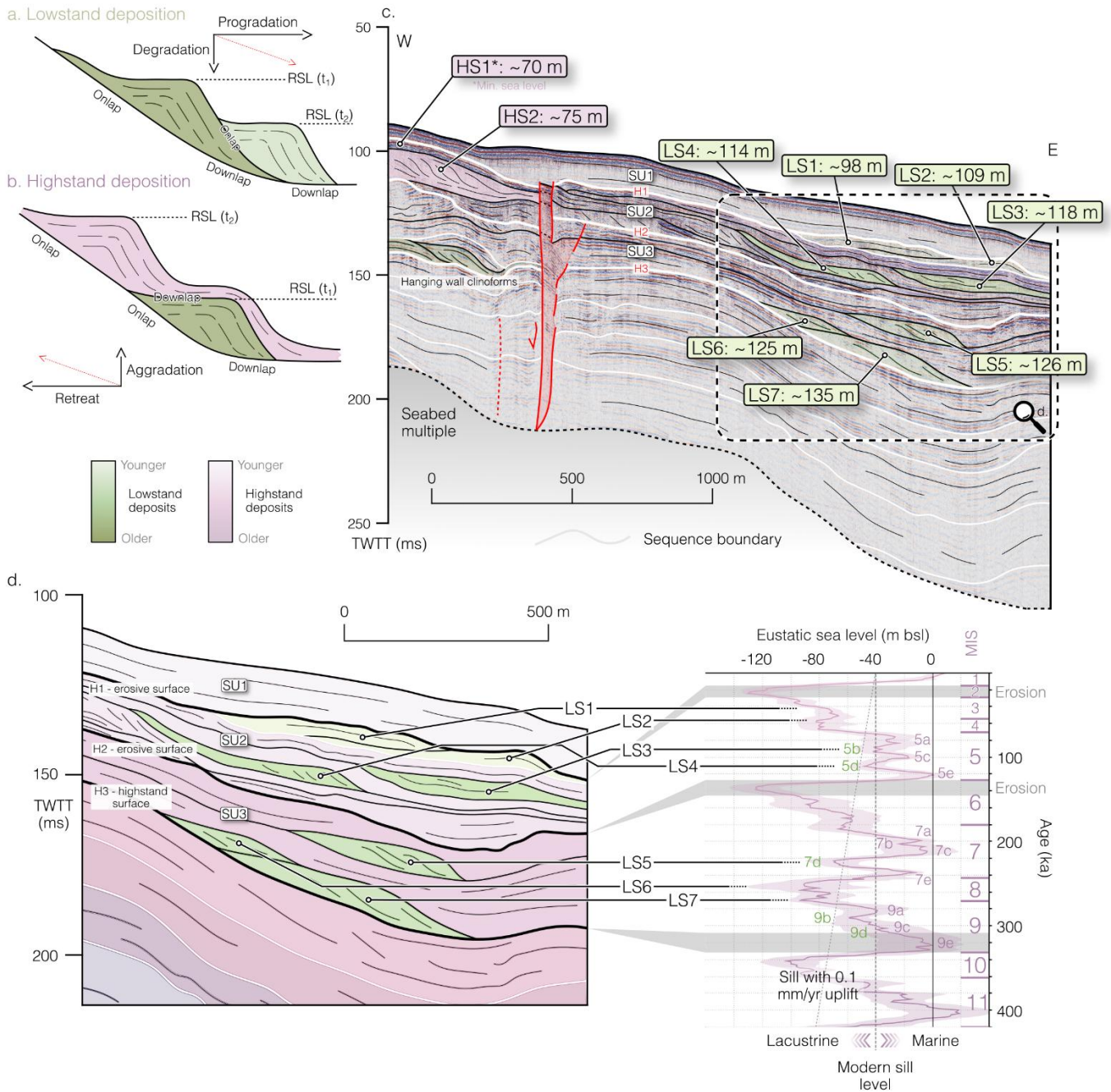


North Gulf of Evia late-Pleistocene age model

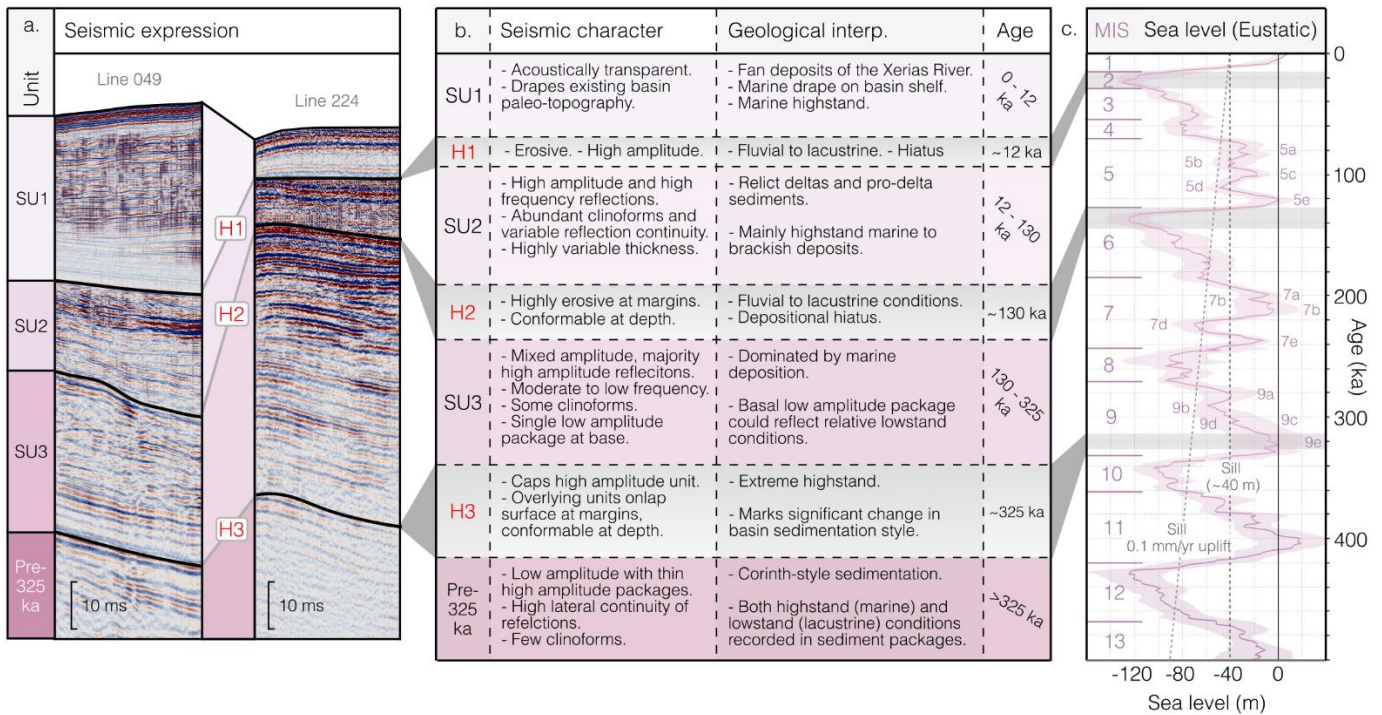
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Figure S1: Example lowstand and highstand deltaic packages & base level correlation



A & B - Schematic cartoons showing clinoform package geometries on a basin slope generated following a fall in relative sea level (RSL) from t_1 to t_2 to generate lowstand packages (a) and a rise in RSL (b) to generate highstand packages. Modified based on Catuneanu (2002). **C** - Seismic interpretation of Line 107 (WATER II) showing 7 identified lowstand packages and 2 marked highstand intervals. Clinoform packages shaded based on highstand or lowstand attribution. Indicated depths are the rollover point of the clinoform package (i.e. base level indicator) based on seismic velocities of 1500 m/s and 1800 m/s for seawater and sediment respectively. Lowstand sequences are only considered for the age model in the footwall of the minor normal fault zone in the west of the seismic line. **D** - Detailed view of lowstand package interpretation with correlation to eustatic sea level curve of Spratt and Lisecki (2016).

Figure S2: Age model overview table with seismic facies & correlation



A - Seismic expression of upper syn-rift stratigraphy including seismic horizons (H1-3) and seismic units (SU1-3). **B** - Description of seismic character of each unit and horizon, geological interpretation of each unit and horizon and age attributed to each unit and horizon based on correlation to the eustatic sea level curve of Spratt and Lisiecki (2016) shown in part c.

Read the study preprint here:



References:

Catuneanu, O., 2002. Sequence stratigraphy of clastic systems: concepts, merits, and pitfalls. *Journal of African Earth Sciences* 35, 1–43. [https://doi.org/10.1016/S0899-5362\(02\)00004-0](https://doi.org/10.1016/S0899-5362(02)00004-0)
 Spratt, R.M., Lisiecki, L.E., 2016. A Late Pleistocene sea level stack. *Climate of the Past* 12, 1079–1092. <https://doi.org/10.5194/cp-12-1079-2016>