

Progradation and time

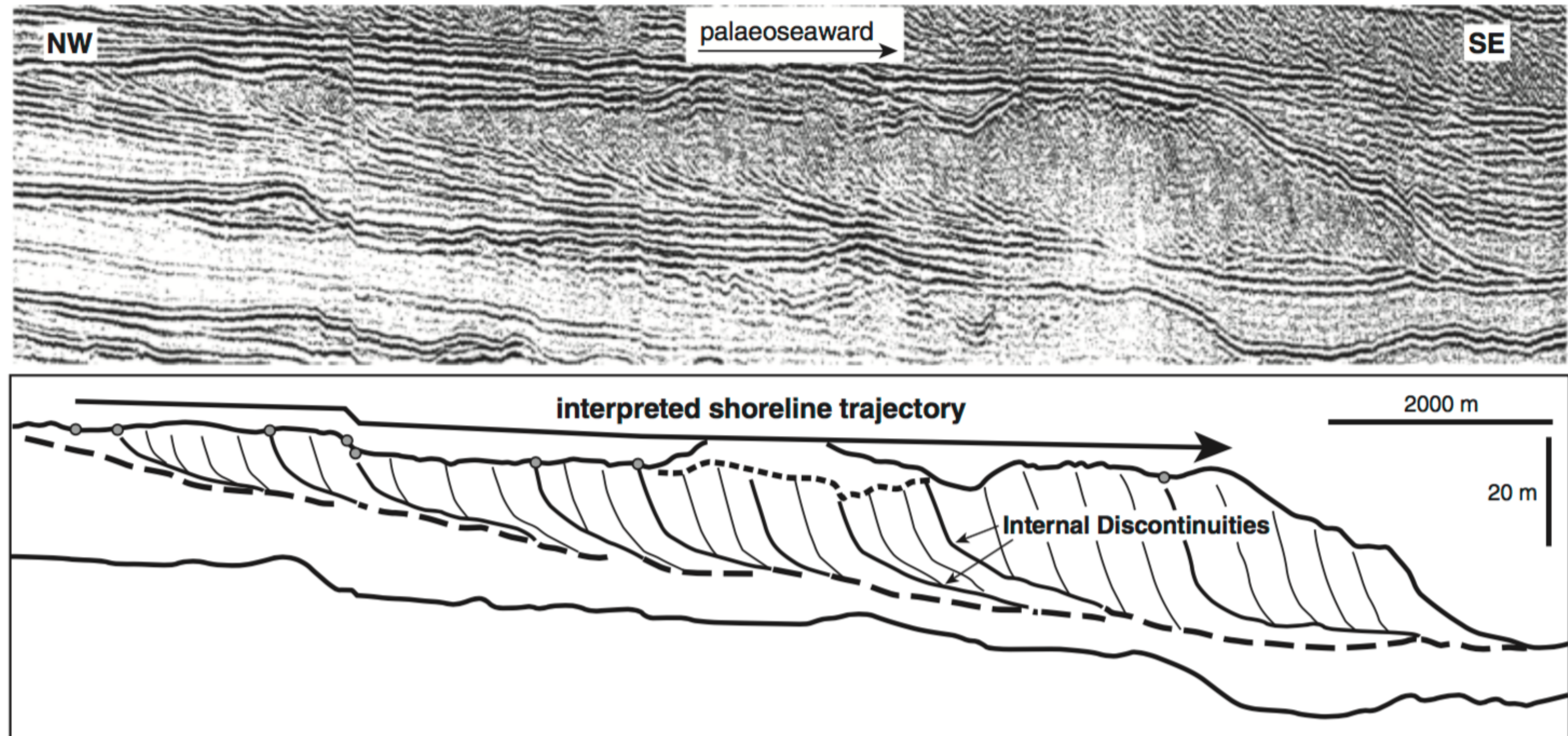
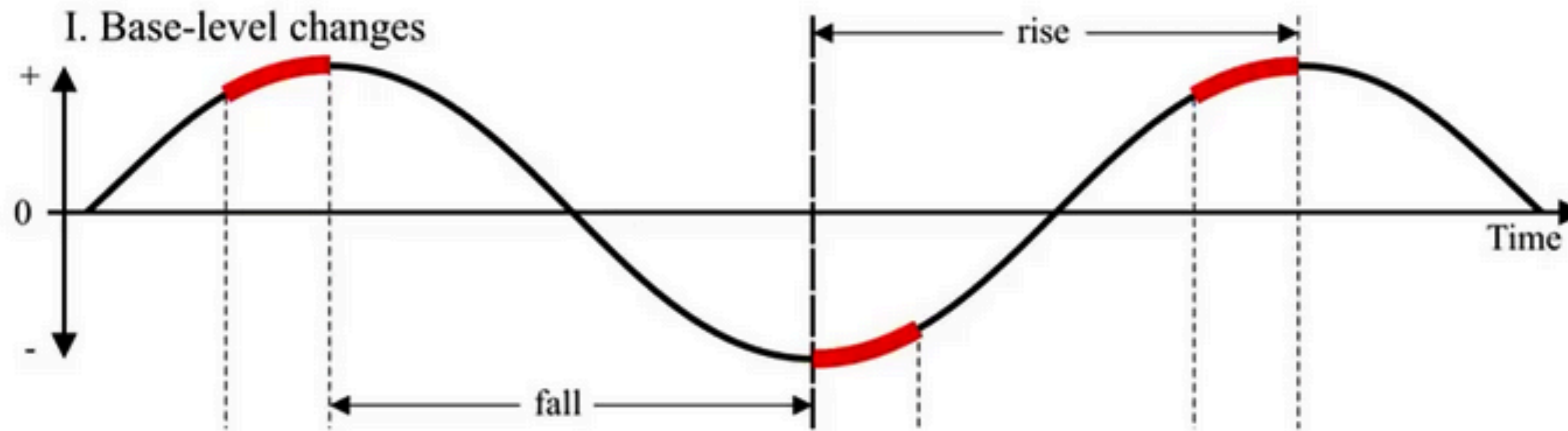


Fig. 3. Examples of dip sections with well-imaged shoreline clinoforms and shoreline trajectories, collected by shallow, high-resolution seismic and ground-penetrating radar (GPR) data. (a) Seismically imaged, steep clinoforms from the Pleistocene palaeo-Rhône delta, illustrating forced regression and a descending accretionary regressive shoreline trajectory (modified from Tesson *et al.*, 2000).

Systems tracts and shoreline shifts

Depositional Sequence: complete cycle of base level



1. Understand how the shoreline and facies shift through the base level cycle
2. Use shoreline trends to subdivide the depositional sequence
3. Identify surfaces that separate those subdivisions