

Exercício aula deltas

1. Com base mapa simplificado ao lado e nos conceitos discutidos em aula, discuta as fácies sedimentares e os respectivos processos deposicionais nas diferentes áreas de um delta idealizado, destacando granulação e estruturas sedimentares.

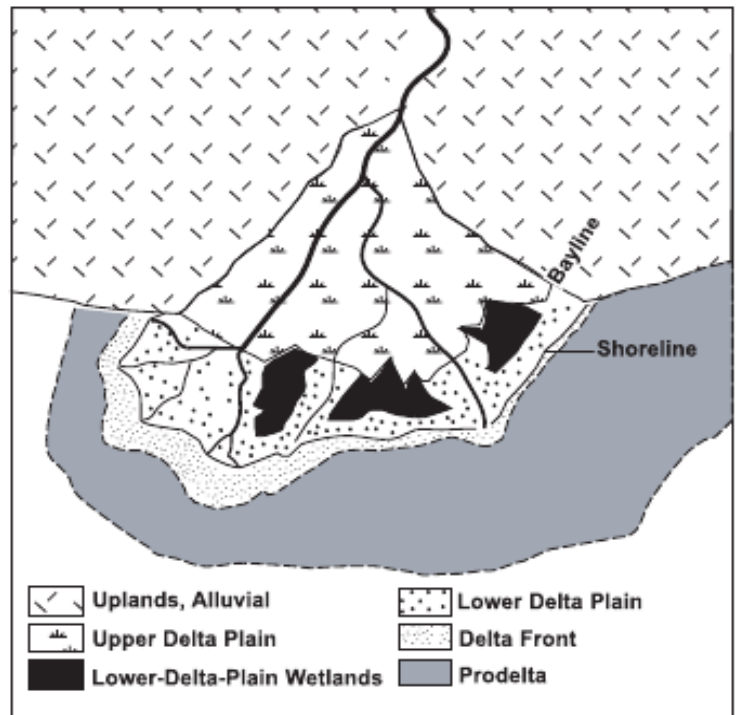


FIG. 15.—Major areal subdivisions of a delta. The upper delta plain is essentially nonmarine and characterized by distributary channels.

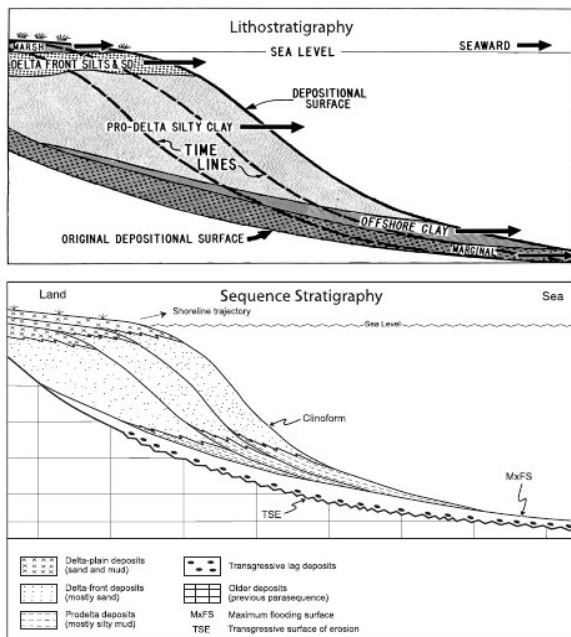


FIG. 3.—Early example of a delta clinof orm, showing topset, foreset, and bottomset strata (Scruton, 1960). A) Lithostratigraphic representation shows facies boundaries as undulating but apparently sharp. Arrows indicate direction of progradation. Most modern delta studies still show facies contacts in this manner. B) Correct representation of facies boundaries versus timelines. Bed boundaries are more likely to follow the time lines (From Gani and Bhattacharya, 2005).

2. Com base nos modelos de evolução deltaica e empilhamento de fácies resultante, elabore seções colunares como a fornecida abaixo para as diferentes áreas de um delta idealizado.

