

School of Geosciences

Parasquence sets

KEY



alluvial and coastal
plain sediments



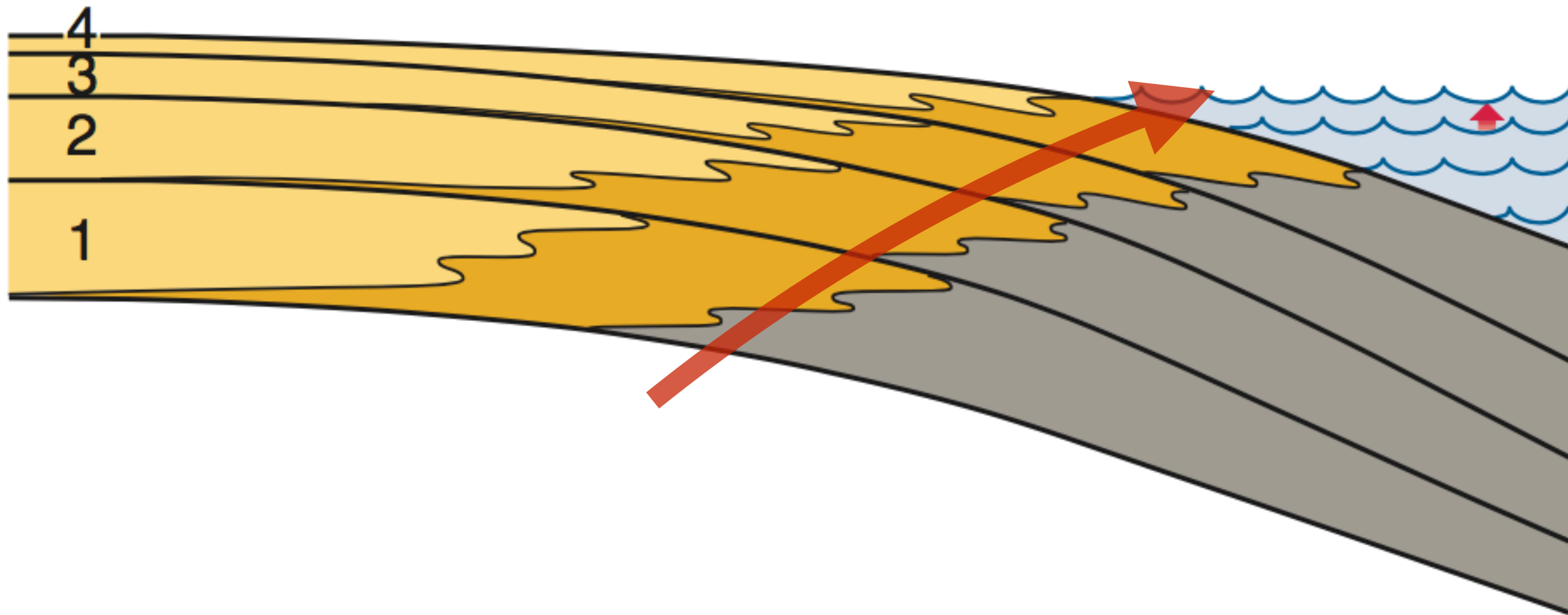
shallow-marine
sediments



offshore-marine
sediments

increase in acc. space < rate of sed. supply

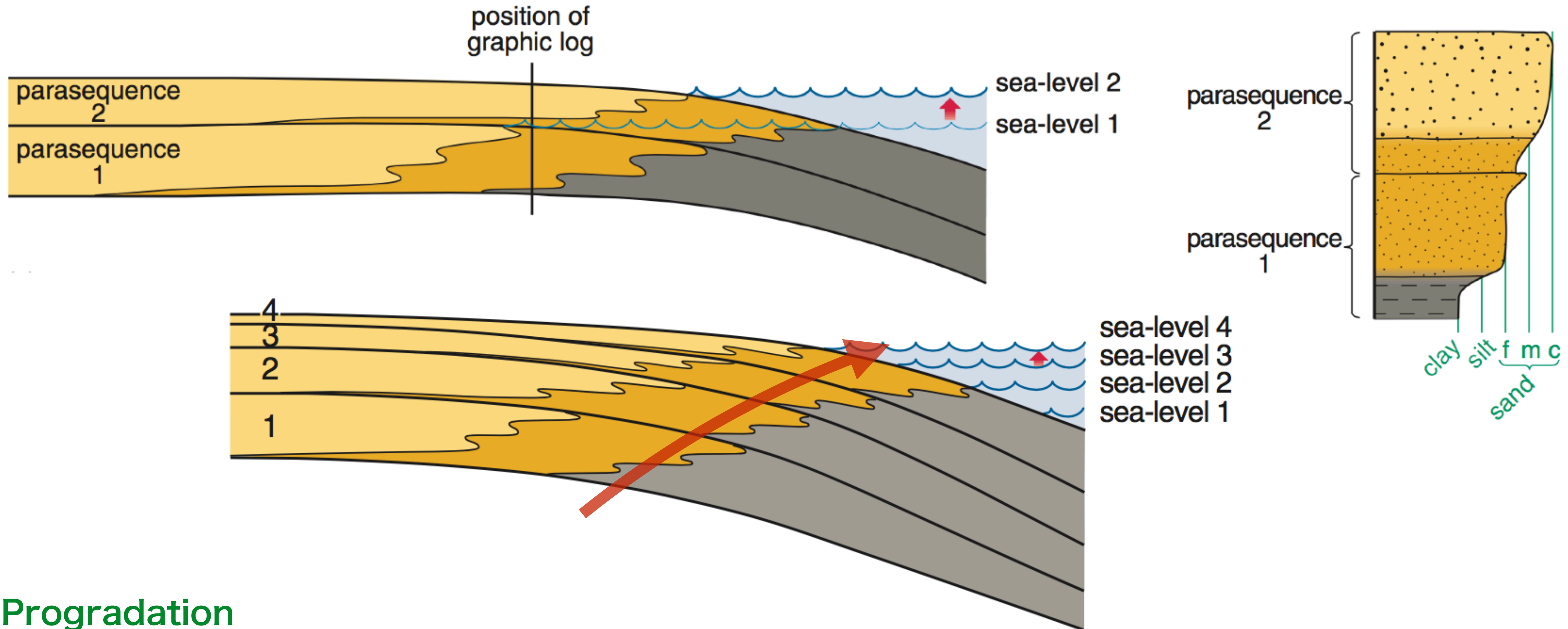
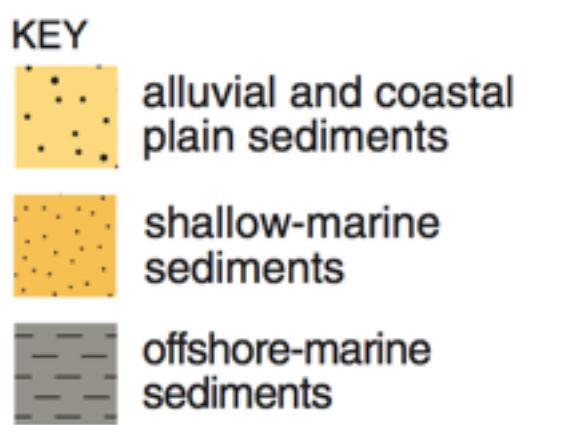
successive parasequences shift basinward



sea-level 4
sea-level 3
sea-level 2
sea-level 1

Progradation

Parasequence sets

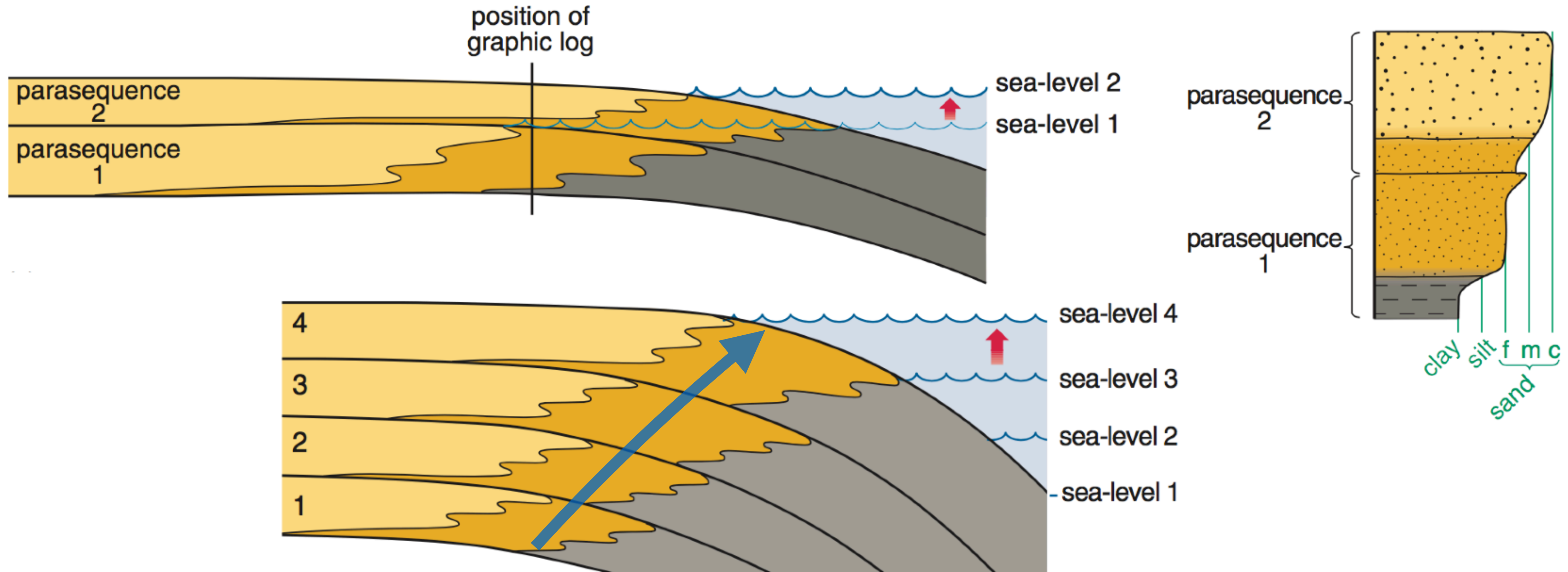
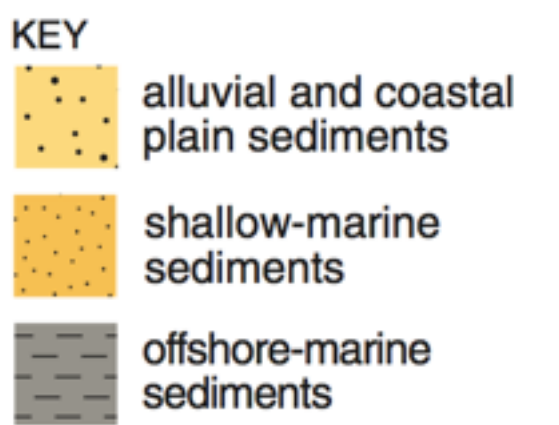


Progradation

increase in acc. space < rate of sed. supply

successive parasequences shift basinward

Parasequence sets



Progradation

increase in acc. space > rate of sed. supply

successive parasequences shift landward

rate of increase of acc. space constant but rate of sed. supply increases