



School of Geosciences

Parasquence sets



## KEY



alluvial and coastal  
plain sediments



shallow-marine  
sediments



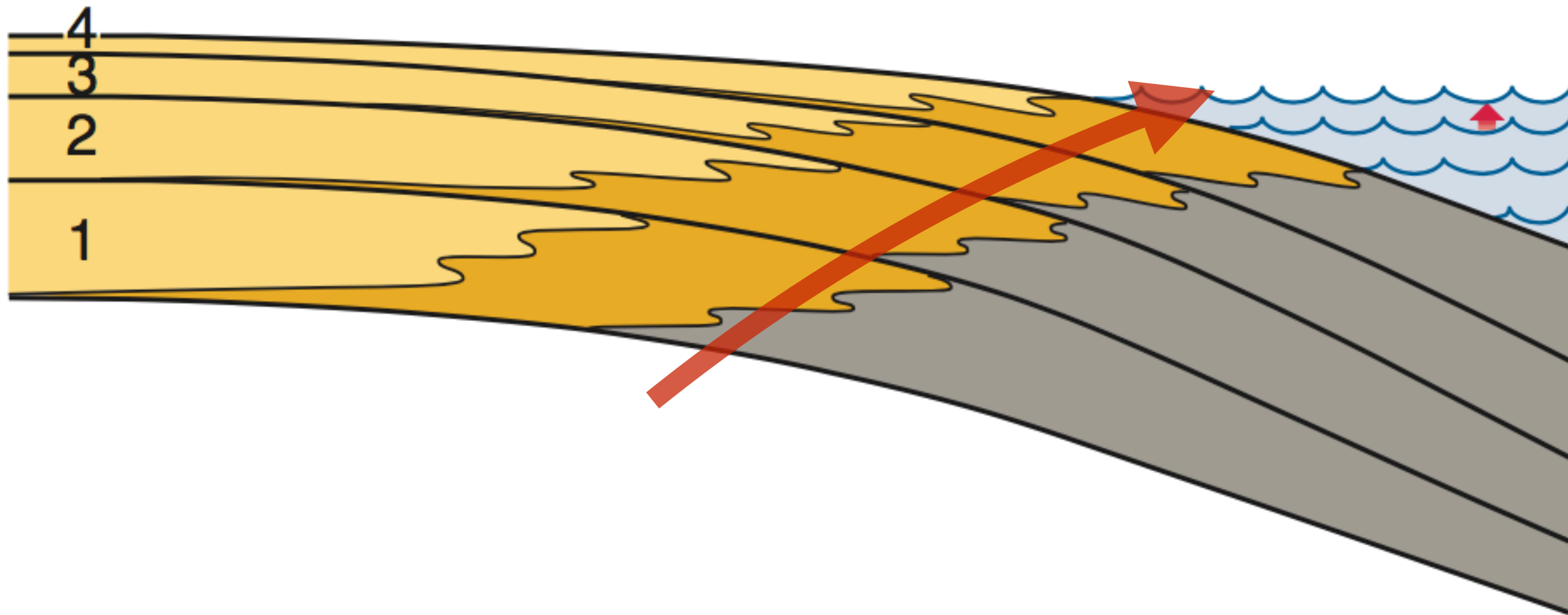
offshore-marine  
sediments



increase in acc. space < rate of sed. supply

successive parasequences shift basinward

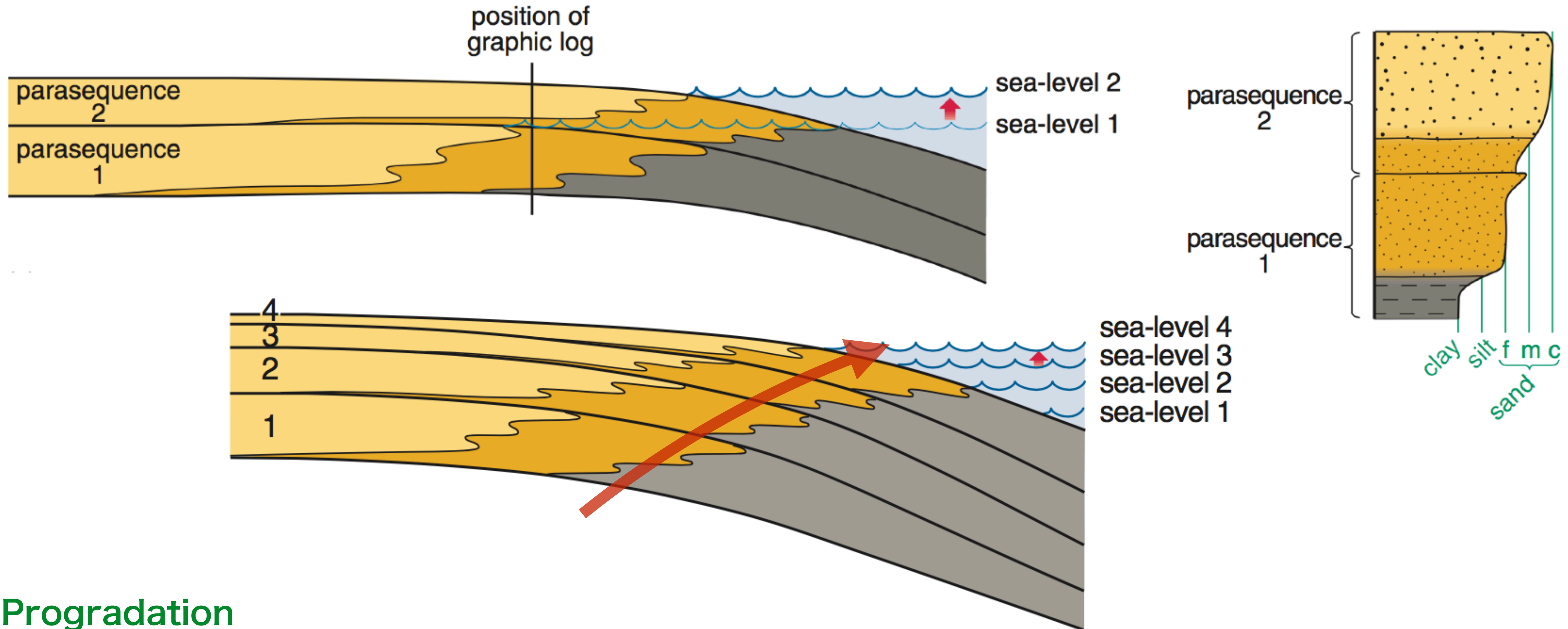
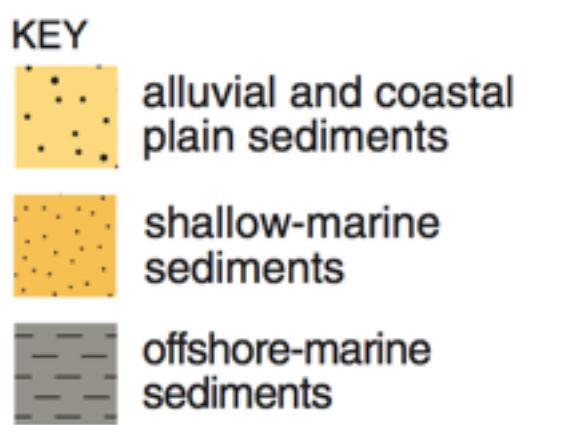




sea-level 4  
sea-level 3  
sea-level 2  
sea-level 1

Progradation

# Parasequence sets

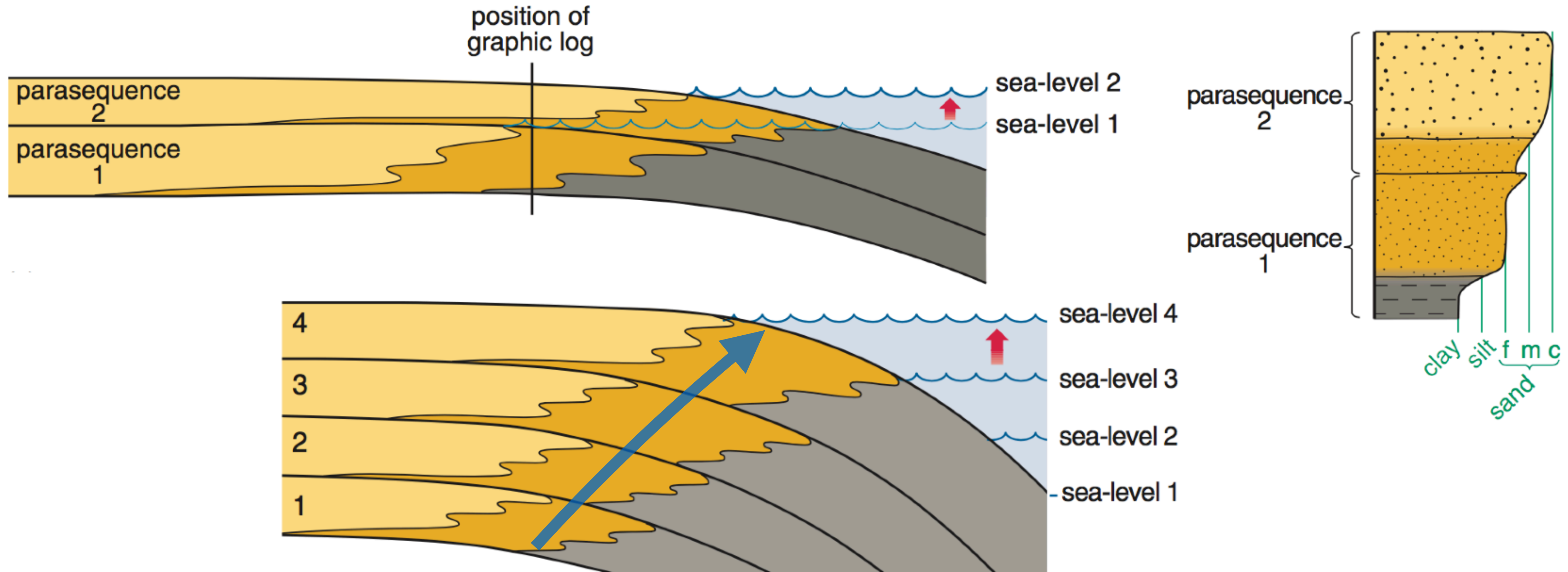
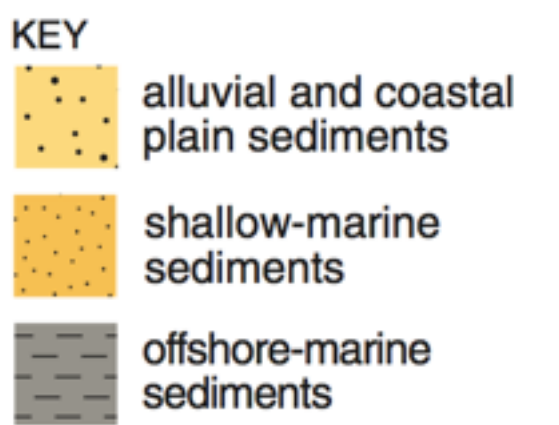


## Progradation

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