



School of Geosciences

Parasquence sets



Aggradation

## KEY



alluvial and coastal  
plain sediments



shallow-marine  
sediments



offshore-marine  
sediments

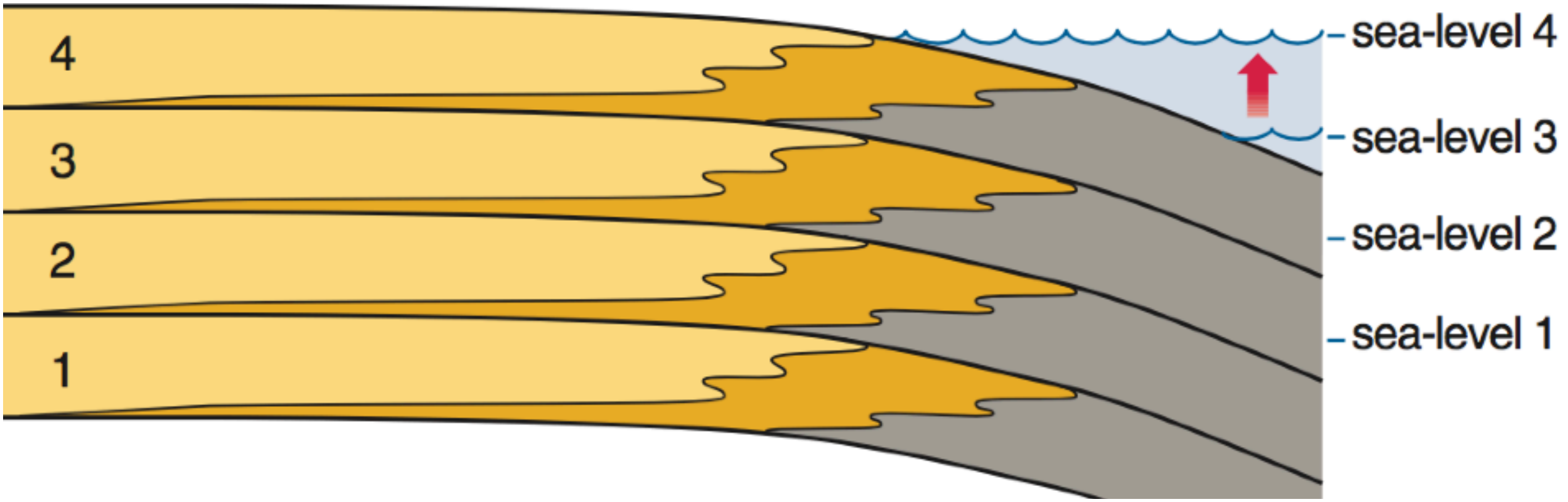




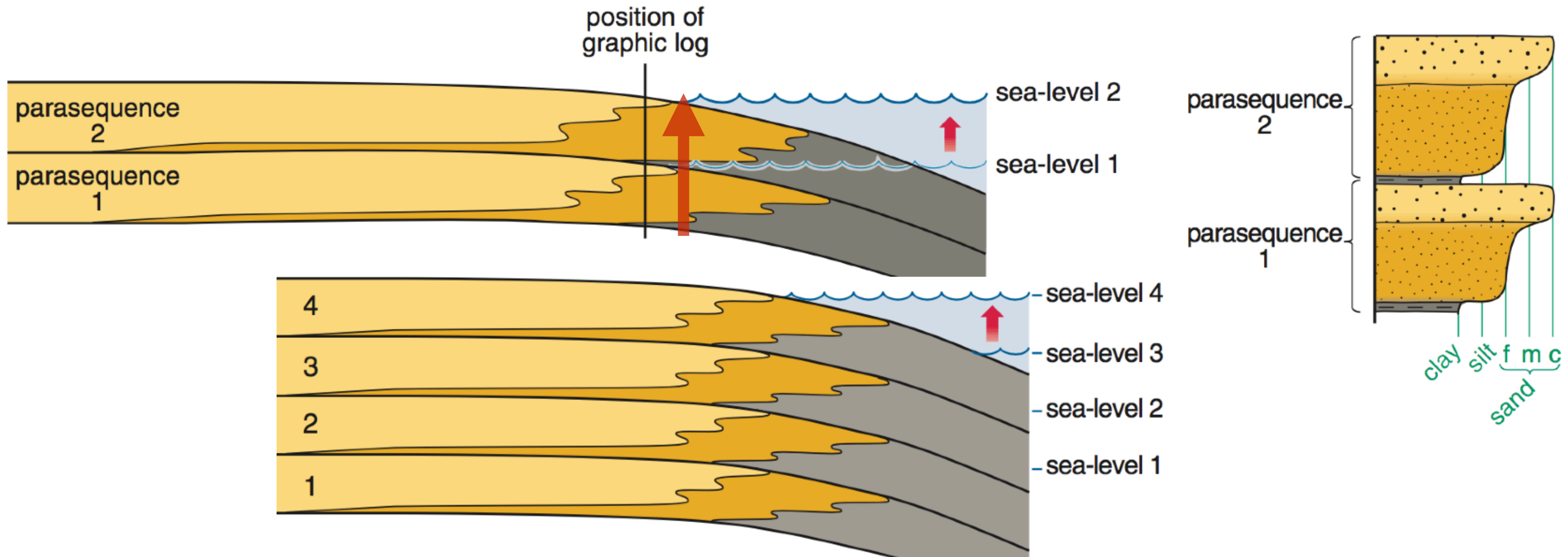
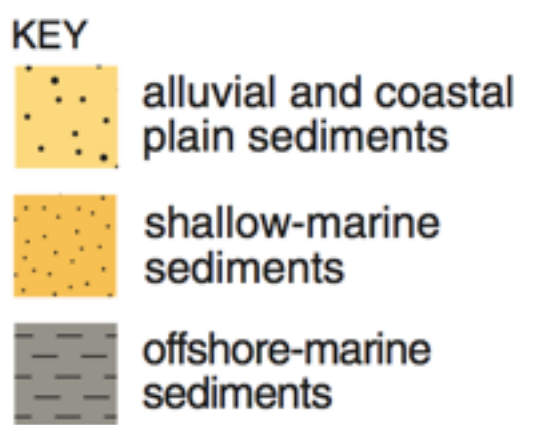
increase in acc. space = rate of sed. supply

shoreline stays in the same position





# Parasequence sets

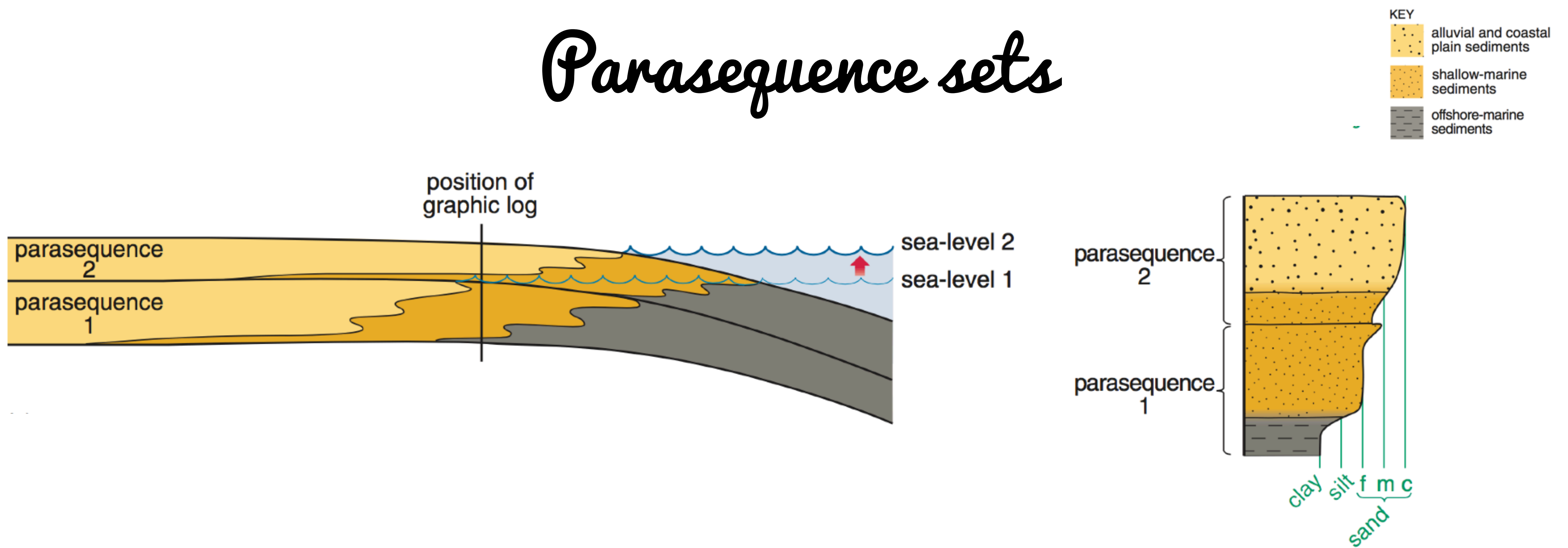


## Aggradation

increase in acc. space = rate of sed. supply

shoreline stays in the same position

# Parasequence sets



## Progradation

increase in acc. space < rate of sed. supply

successive parasequences shift basinward