

**School of Geosciences**

**salt**

**tectonics**

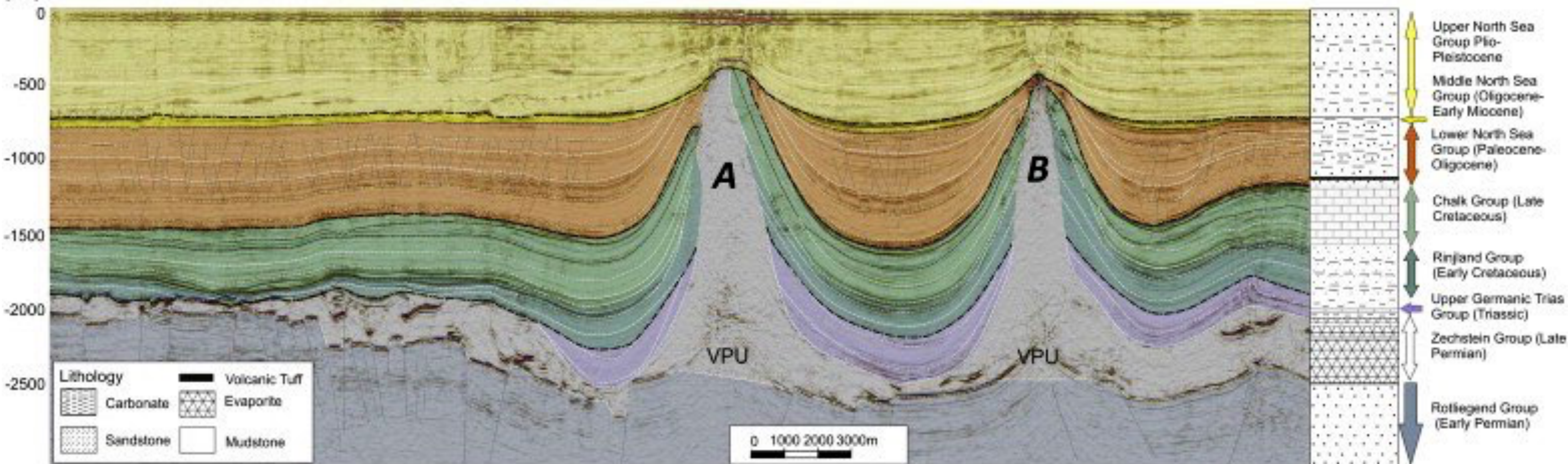
Salt Diapirs in the Netherland North Sea [Harding & Husse, 2015]



TWT  
(ms)

SSW

NNE

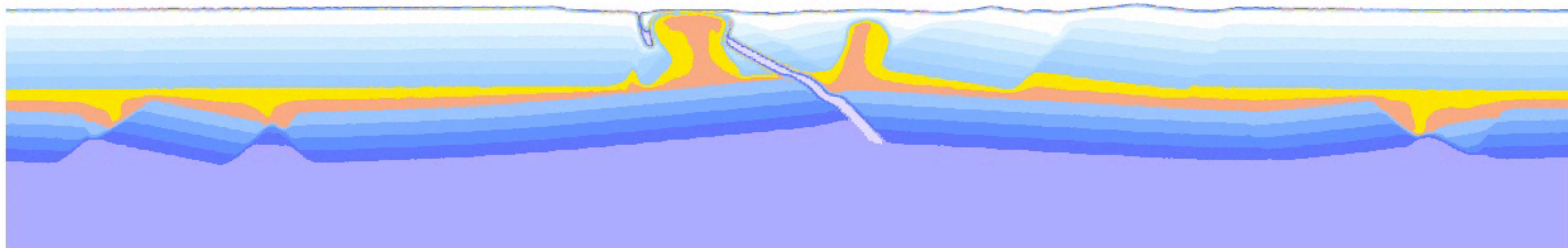




How do basins form?

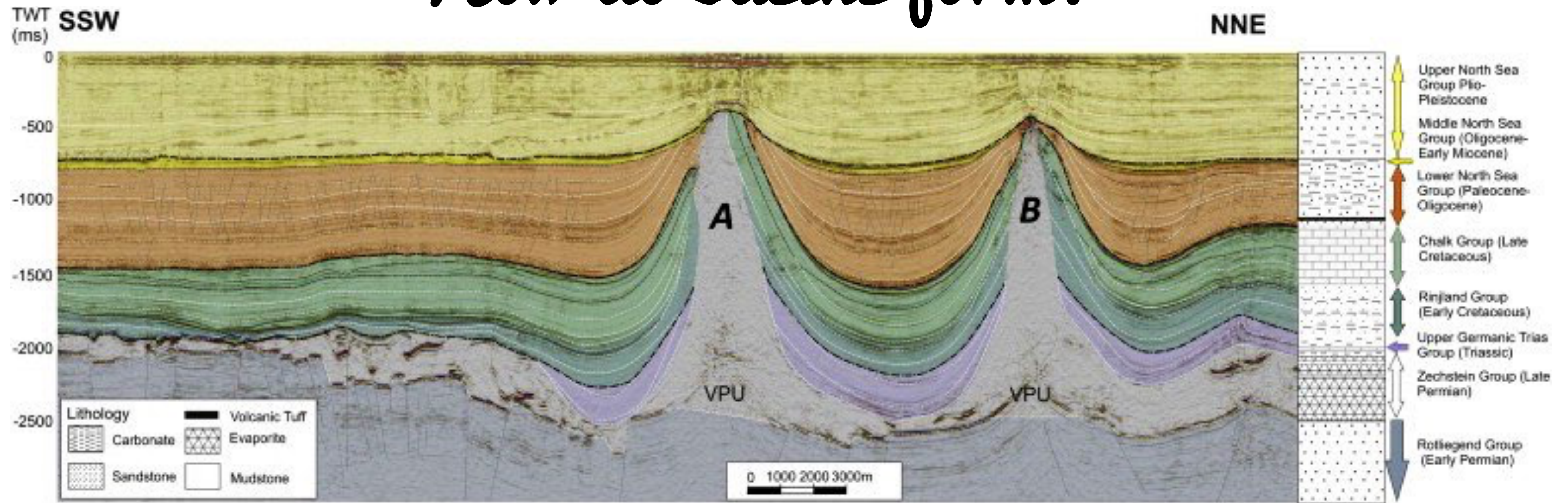
UnderworldsimulacionofSaltTectonic [Rey]



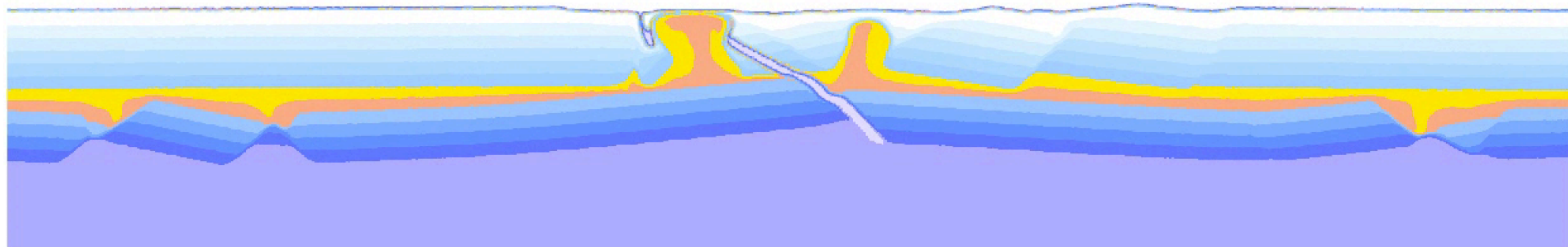




# How do basins form?



Salt Diapirs in the Netherland North Sea [Harding & Huuse, 2015]

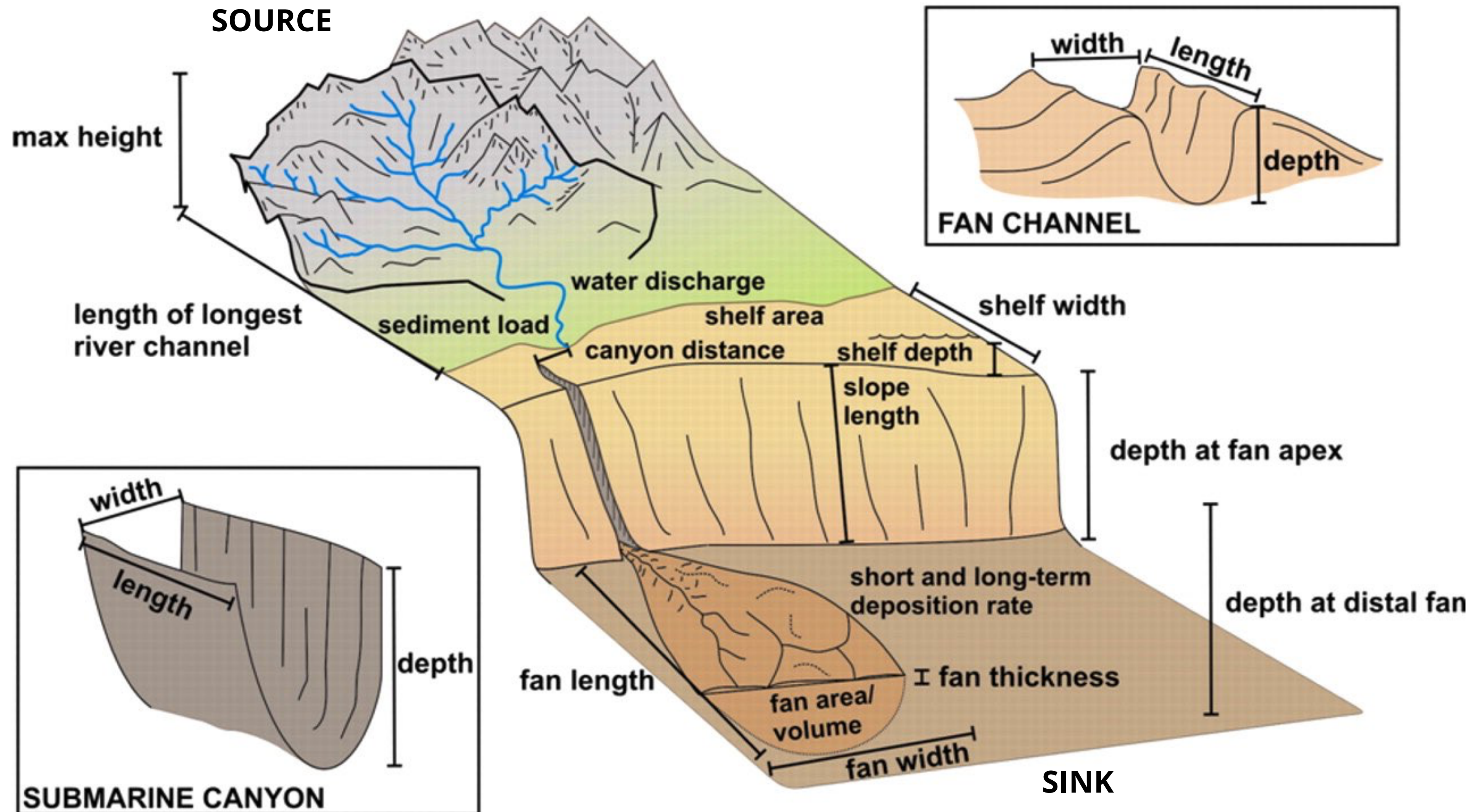


Underworld simulation of Salt Tectonic [Rey]

salt  
tectonics



# Source-to-sink concept



key elements of a source-to-sink system developed on a margin with a distinct drainage basin-shelf-slope-basin floor profile (Sømme et al. (2009)