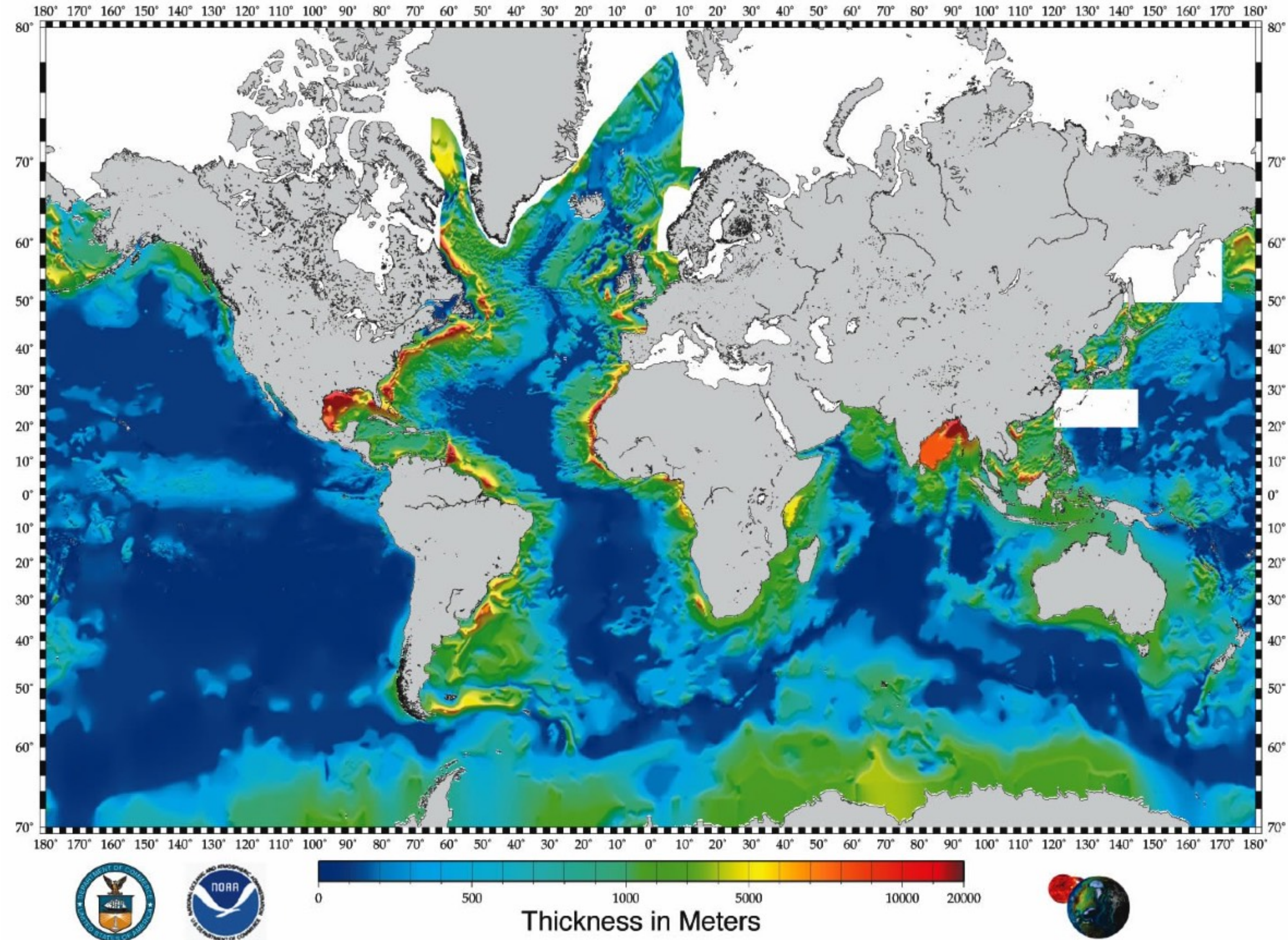
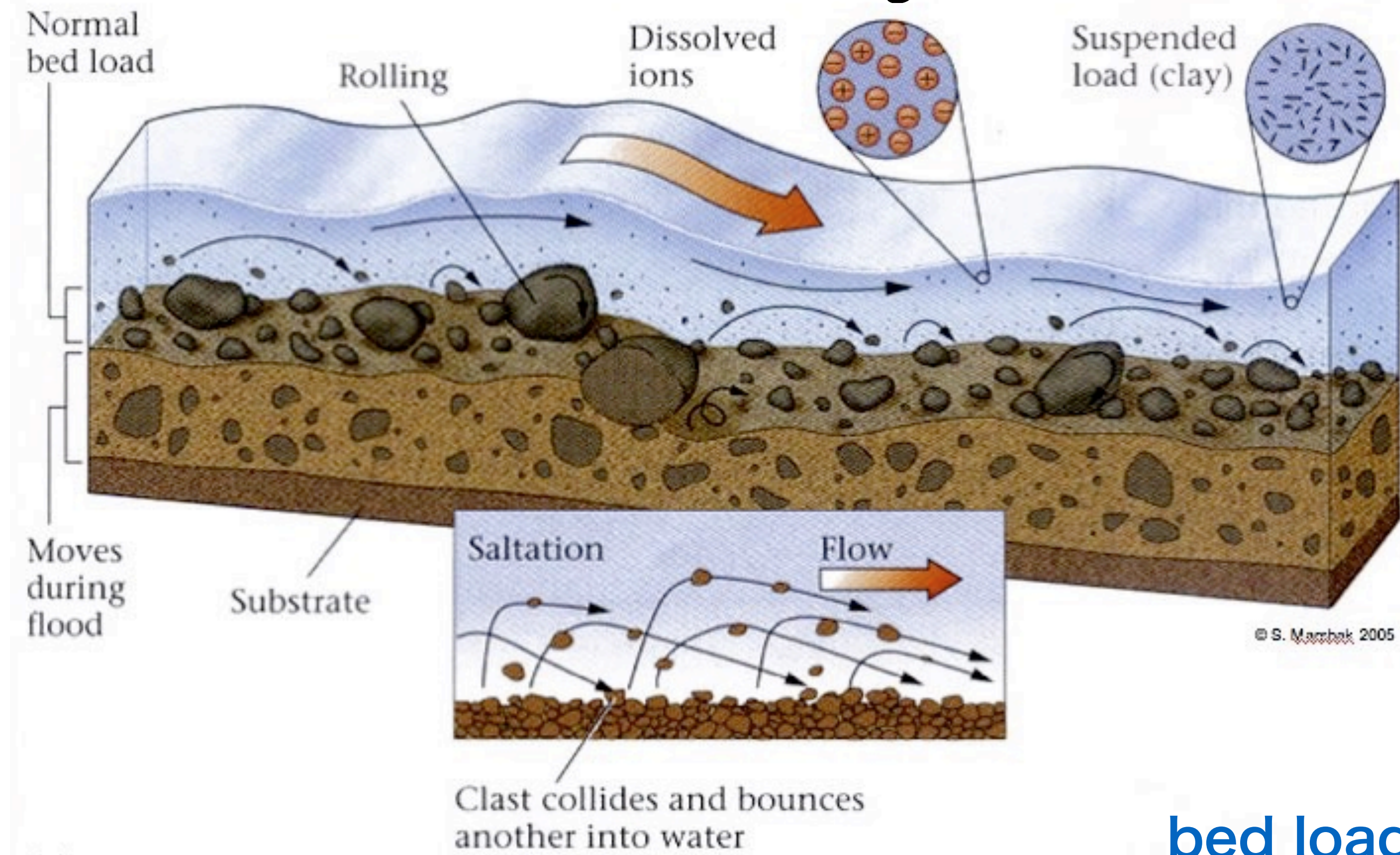


Sediment accumulation

Total Sediment Thickness of the World's Oceans & Marginal Seas



Sediment transport by water



bed load

Four modes of transport in water:

- **sliding**: particles remain in continuous contact with the bed (merely tilting as they move)
- **rolling**: grains also remain in continuous contact with the bed
- **saltation**: grains `jump` along the bed in a series of low trajectories