



rent speed required to erode them between averaged grain size and averaged cur

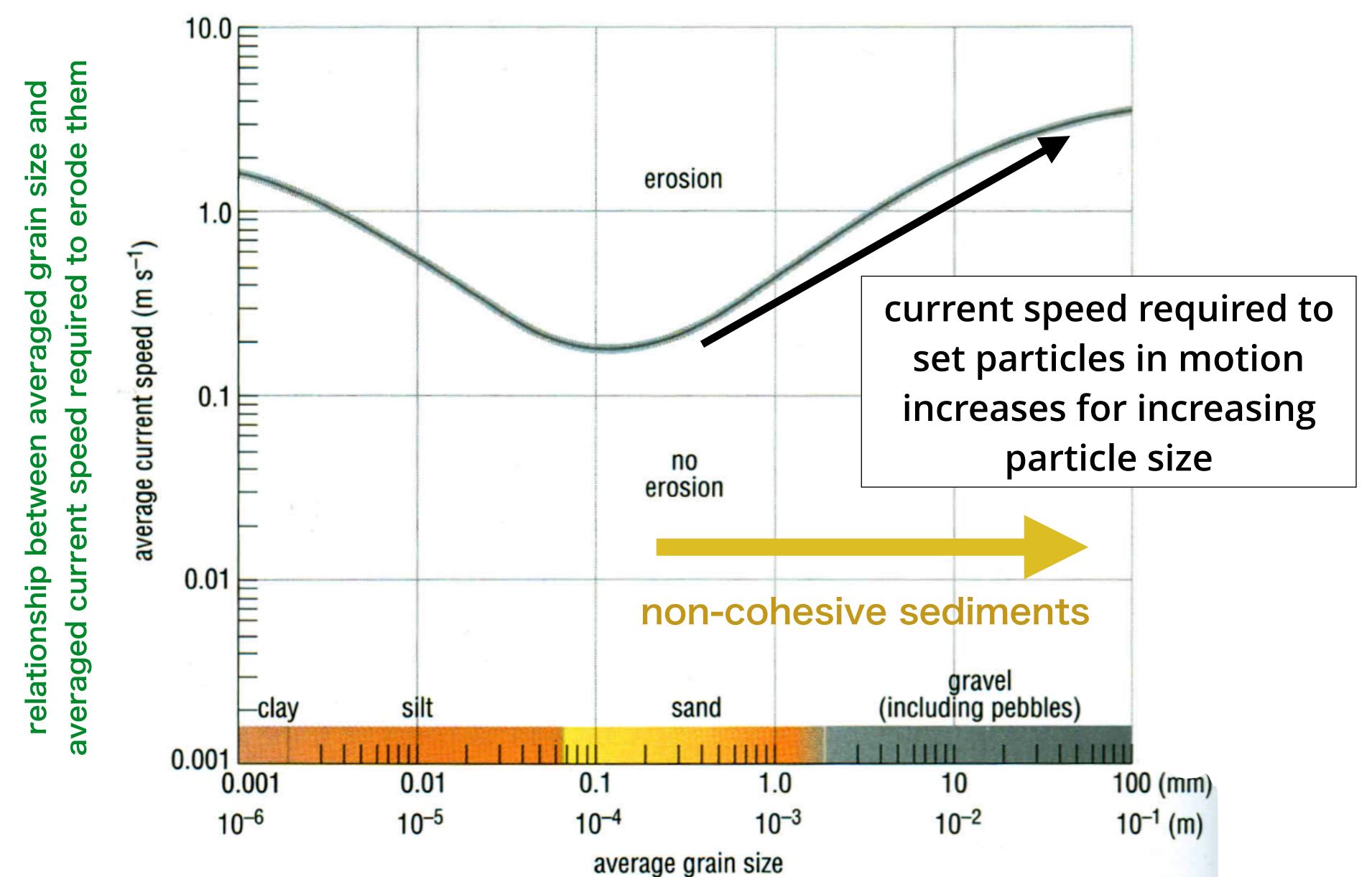


current speed required to set particles in motion increases for increasing particle size

Sediment erosion/transport/deposition

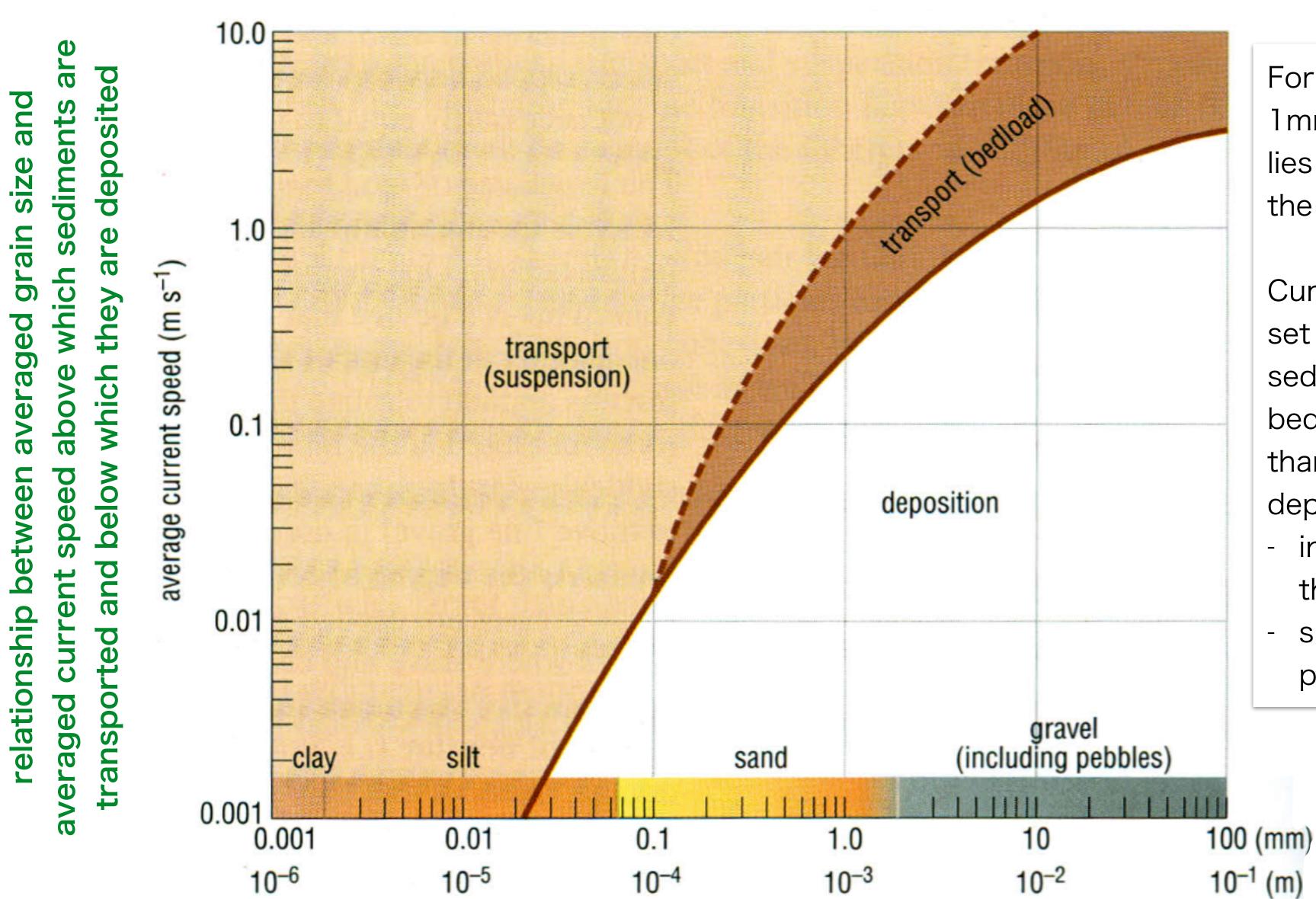
School of Geosciences

Sediment erosion/transport/deposition



Sediment erosion/transport/deposition

average grain size



For particles larger than 1mm the deposition curve lies close to but just below the erosion curve.

Current speeds required to set these non-cohesive sediments in motion in the bed load are slightly greater than those at which they are deposited due to:

- inertia of the particles on the bed and
- shelter effect of large particles on smaller ones.