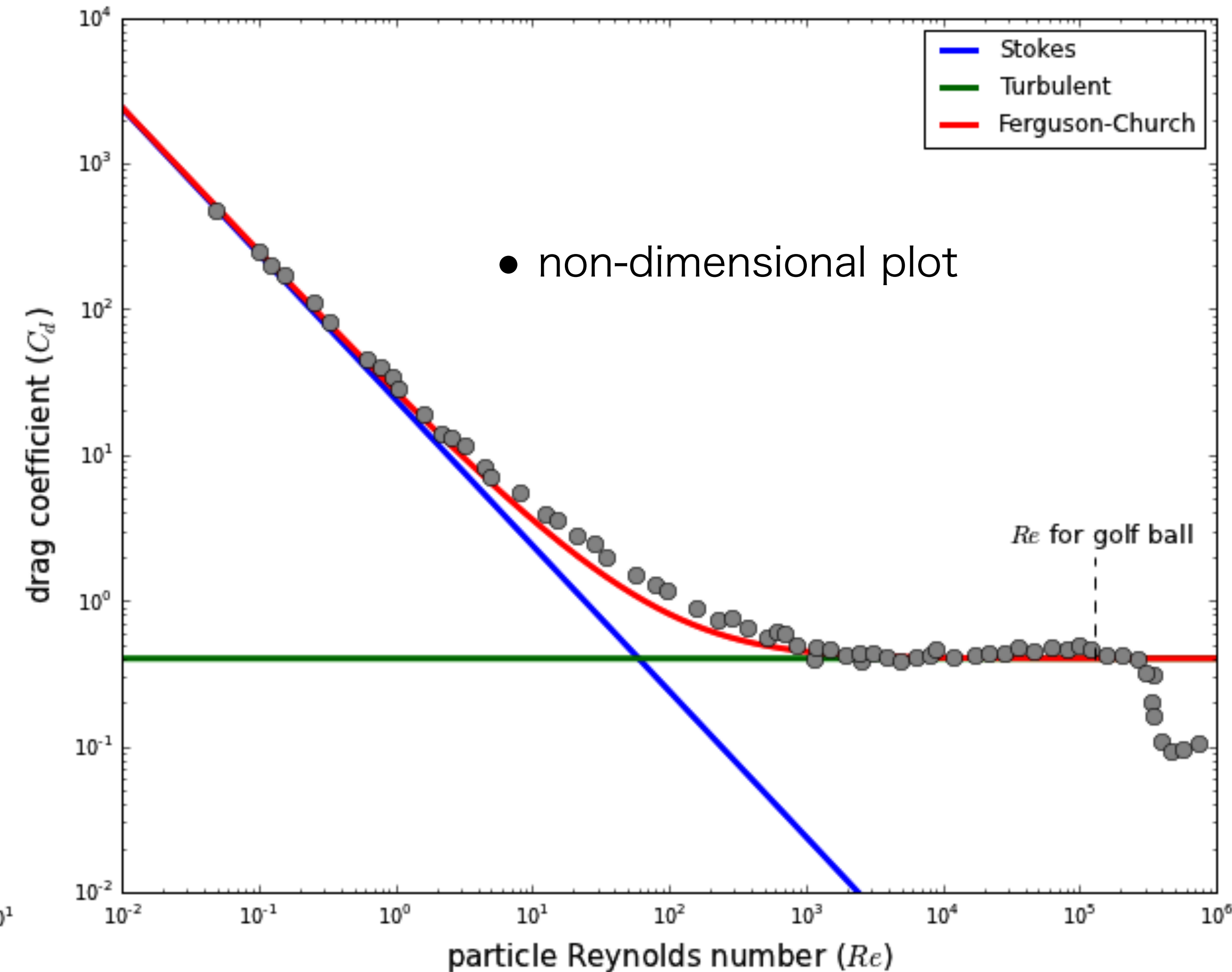
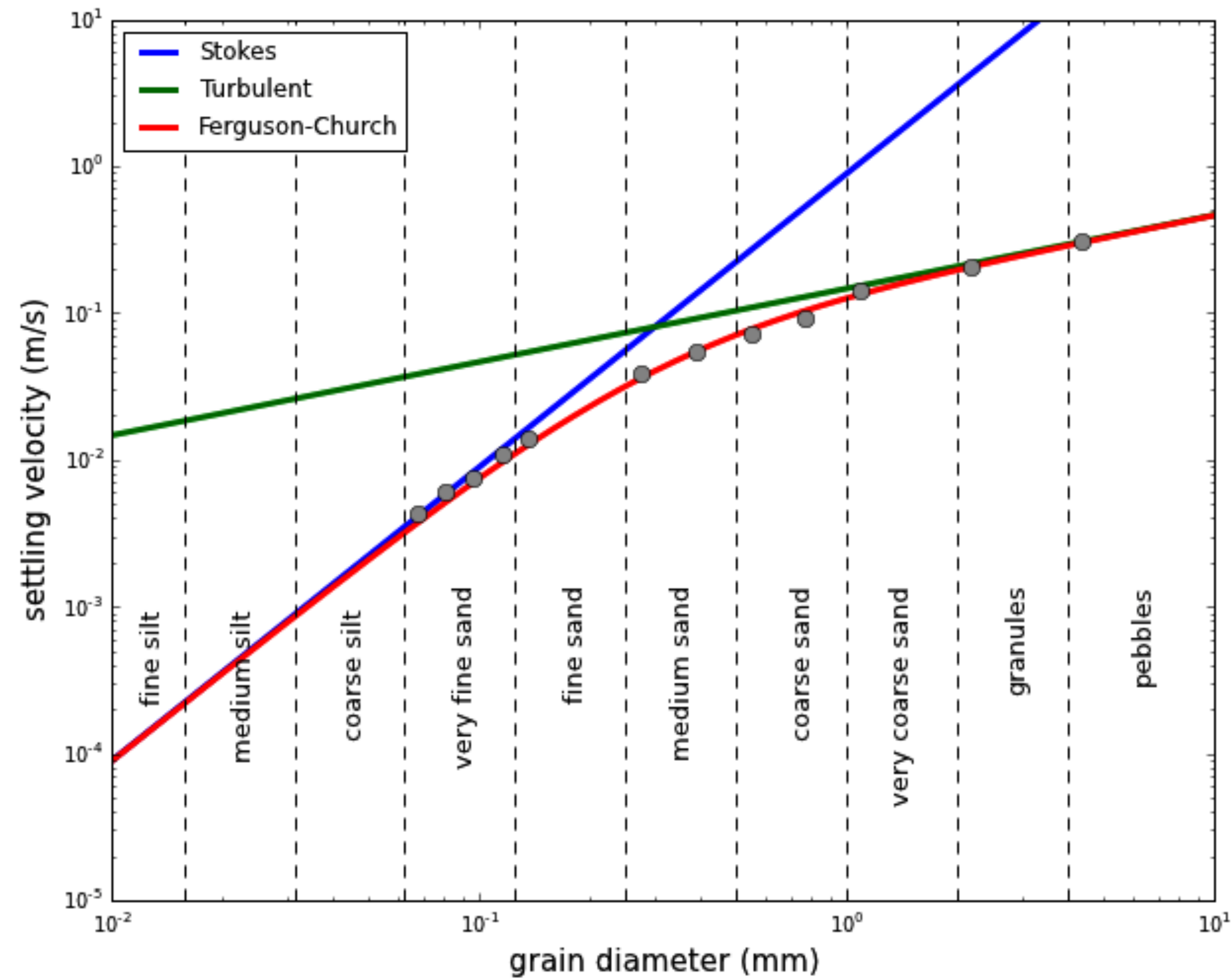


Better physics for coastal dynamics

Sediment transport

- settling velocity of sediments (experimental)

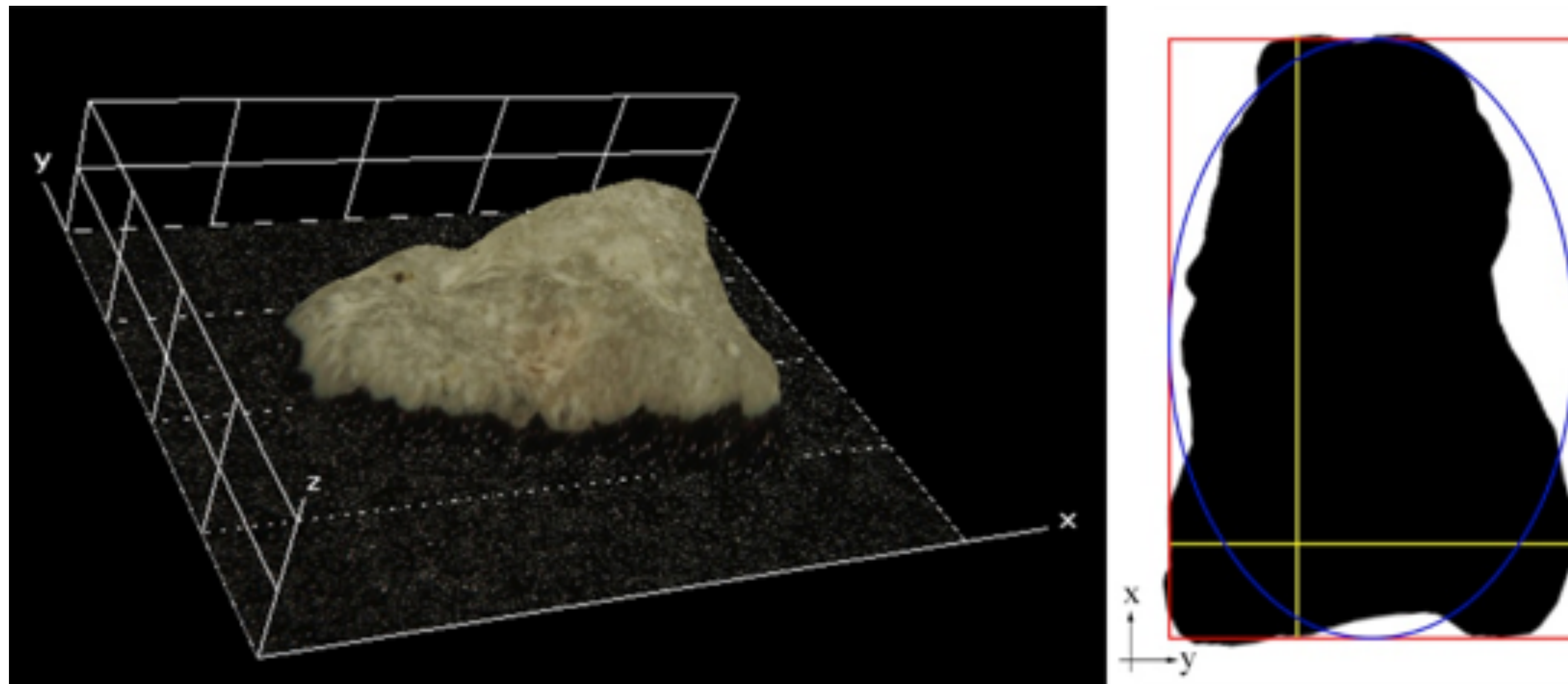


Better physics for coastal dynamics

Sediment transport

And what about carbonate sands ???

The unique particle characteristics of calcareous sands is due to carbonate mineralogy that distinguishes them from silica sands. While the hydraulic properties such as settling velocity of silica sands in form of quartz have been studied extensively, yet the understanding of **calcareous sands settling behaviour is limited!**



A 3D scan of a calcareous particle with its longest, intermediate, and the shortest mutually perpendicular axes from Heron island.