

The Sand Clock: interweaving time and stratigraphy

We will look analytically at the formation of the physical stratigraphic record using field and experimental data. Major questions we will explore include: how is depositional information and rate partitioned across length and time scales? How is time recorded in strata at different scales? Our answers to these questions will inform a discussion of the reliability of strata as paleo current meters that allow reconstruction of past physical conditions.

Instructor: Chris Paola (visiting professor)

Monday, 9/27 – 10:00-11:00 am (OM)

3 units, pass/fail