Run *pyBadlands* models

Output of stratigraphic layers
- depth
- thickness
- relative elevation

Reconstruct stratal architectures
- stratal stacking pattern
- Wheeler diagram

Stratigraphic interpretations

1. Based on temporal evolution of stratal stacking patterns,
   mark stratal terminations —> identify key stratigraphic surfaces

2. Based on final outputs
   2.1 Trajectory analysis:
       mark shoreline/shelf-edge trajectories —> define trajectory classes
   2.2 Accommodation succession method:
       mark offlap break trajectory,
       stratal terminations —> define stratal stacking trend

3. Based on successive outputs
   3.1 Trajectory analysis:
       calculate shoreline/shelf-edge trajectories —> define trajectory classes
   3.2 Accommodation succession method:
       calculate changes in accommodation and sedimentation —> define stratal stacking trend

Model setup
- initial surface
- climatic forcing
- sea level forcing
- tectonic forcing