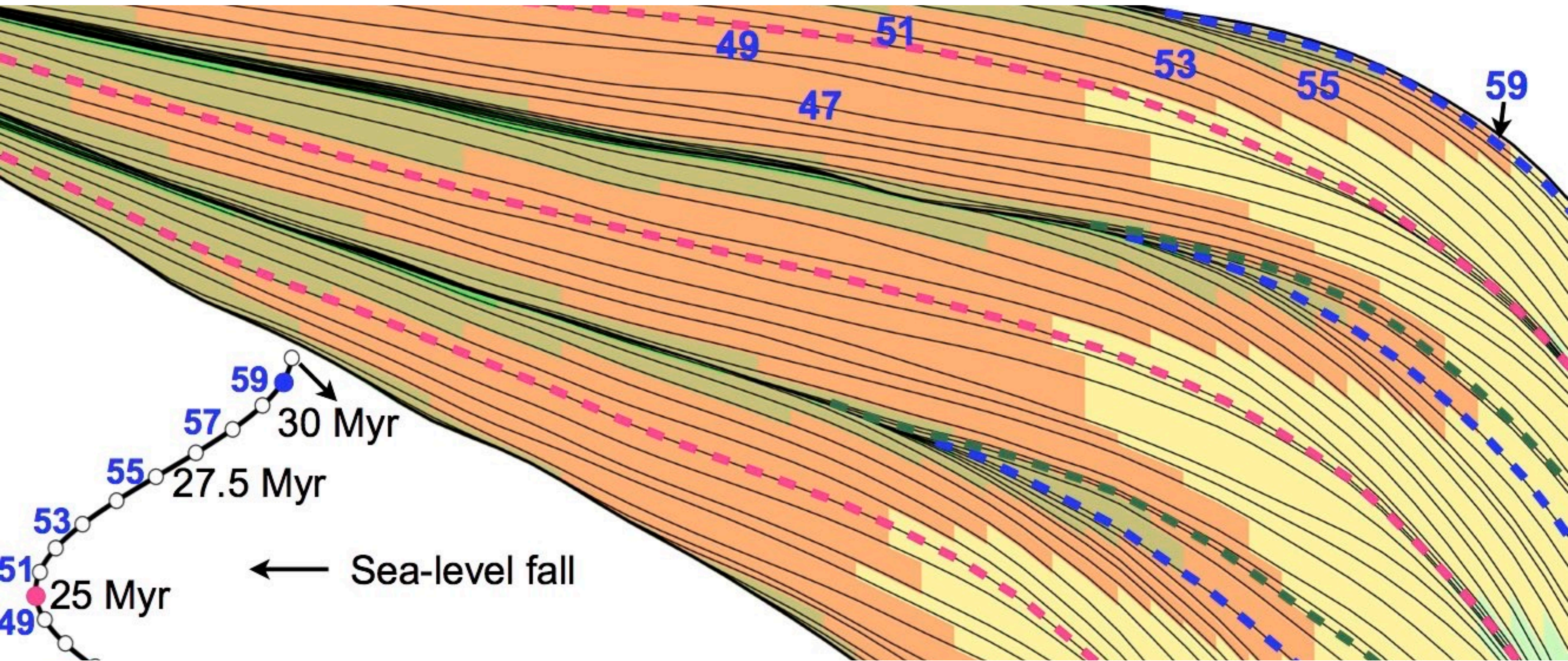
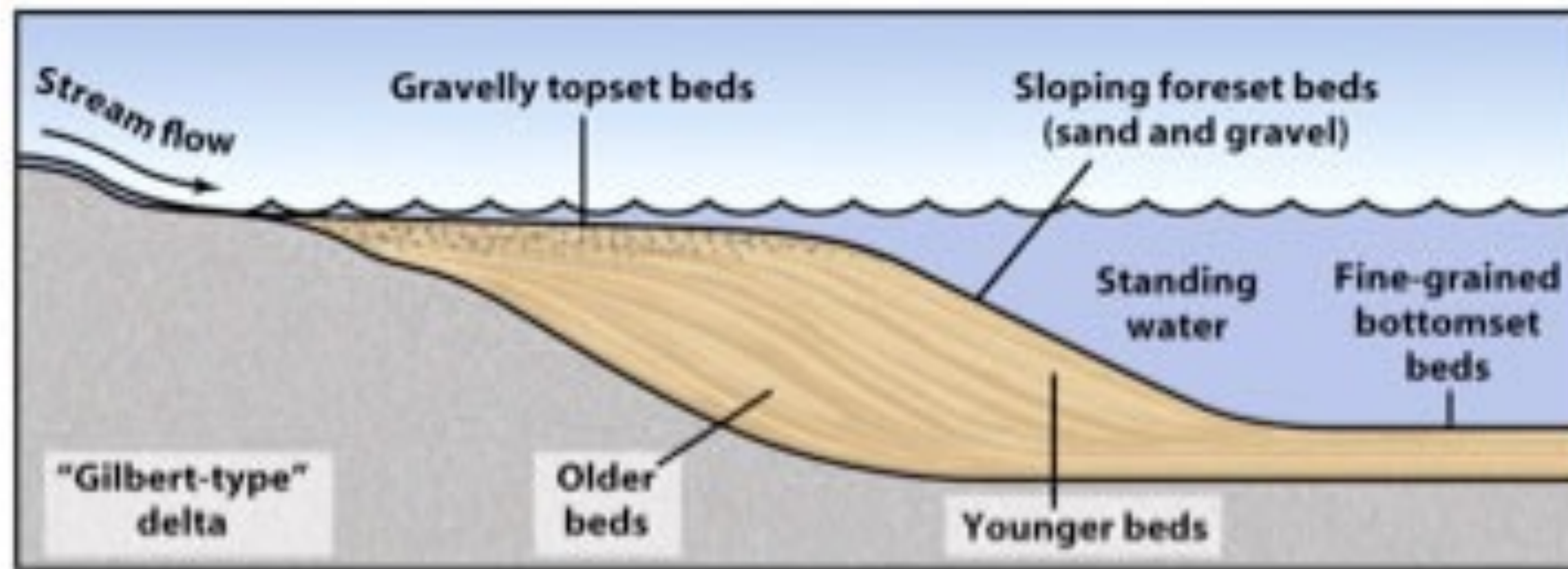


Delta stratigraphy



Early description

- In 1890, American geologist **Grover Karl Gilbert** recognized that the deposition of finer-grained material farther away from the shoreline also created a distinctive vertical sequence in delta deposits.



- The resulting foreset layer is thus graded from coarse nearshore to fine offshore.
- The bottomset layer consists of the finest material, deposited far out.
- As this material continues to build outward, the stream must extend its length and forms new deposits, known as topset layers.