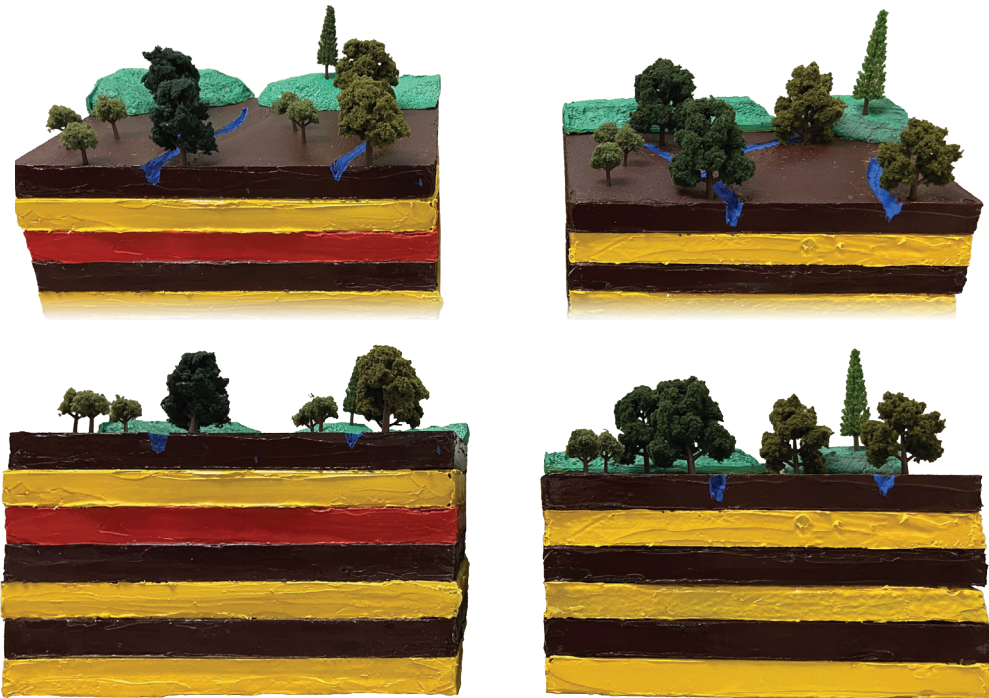


Flat Gaps Are a Problem for Deep Time

The two models represent layers of sediments. On each model, the top layer shows erosion and bioturbation, which are expected on an exposed surface. The flatness of the contacts between the underlying layers indicates there was no long pause in their deposition.



Model of sediment layers

Image: GRI

The model on the right is missing the red layer that is present in the other model. The surface of the layer below where the missing layer should be is flat. This indicates the missing layer was not eroded away. Apparently the missing layer was never deposited on that surface. Flat gaps raise questions about the length of time attributed to the missing layer.