

Quote: “{Lyell’s} way of thinking, called *uniformitarianism*, holds that the geological processes we see in action today **must be the same ones that shaped Earth millions of years ago.**” [emphasis added]

“Lyell argued that Earth was **much, much older** than a few thousand years.”

Question: Have modern geological discoveries upheld Lyell’s presupposition of *uniformity?* (*no*), or do we now recognize the major role played by catastrophes in Earth’s history? (*yes*)

-In other words, has the assumption of millions of years has been disproven? (*yes*)

“Substantive uniformitarianism, which incorporates uniformity of rate and state, postulates rates of natural processes and material conditions that are essentially **constant through time**. This proposition involves a claim about the world that can be tested, and which **we now know to be false.**”

-Summerfield, Michael, *Global Geomorphology*, 1991, NY: Longman Scientific & Technical, p. 17.

“I think geology got into the hands of the theoreticians who were conditioned by the social and political history of their day, more than by observations in the field.as Steve Gould put it, that Charles Lyell ‘managed to convince future generations of geologists that their science had begun with him.’ In other words, we have allowed ourselves to be **BRAIN-WASHED** into avoiding any interpretation of the past that involves extreme and what may be termed ‘catastrophic processes’.”

-Derek Ager, *The Nature of the Stratigraphic Record*, 2nd edition, 1981, Hong Kong: Macmillan, p.46