

September 30, 2020
MSE 2101 topics

- Global warming – *not* a matter of opinion!
- Evidence! Give me evidence!
 - average global temperature through time
 - correlation between average global temperature and CO₂
 - human- vs. nature-caused?
 - near-perfect correlation with industry emissions
 - estimates for natural factors two orders of mag lower
 - isotopic evidence clearly points to fossil fuel burning
 - the level of carbon dioxide through time
 - what do the models say?
- Three initial ideas for the origin of the Moon
 - in-situ formation
 - capture
 - rapid spinning
- Flawed, flawed, flawed ...
- Hands-on evidence!
 - fundamentally different composition
 - no volatile elements
- The giant impact model