

Debunking Myths

We're dissecting conspiracies, logical fallacies, and all sorts of wild tales with the scalpel of science and a sprinkle of humor!

Part of the flat Earth fallacy involves uncritically accepting certain forms of discovery that impact day-to-day life, such as battery technology, while simultaneously denying other forms of discovery that have withstood centuries of scrutiny.

Indeed, there have been attempts to shortcut the scientific process for profit. However, the true scientific process is extremely time-consuming and rigorous. It is founded on intense levels of critique, continuous peer reviews, and sacrifices made by generations of scientists. This is precisely the context in which the heliocentric model was developed.

If you wish to argue against a globe shaped earth and the heliocentric model, you must refute 500 years of real observational data and analysis. This involves discrediting the work of tens of thousands of scientists across a myriad of disciplines, including astronomy and astrophysics, geology and geophysics, geography and cartography, meteorology and climate science, oceanography and hydrology, as well as physics and engineering.

Let's talk about everything from flat earth presuppositions such as presupposing a very tiny universe and many others including but not limited to:

Selective Observation: Flat Earthers often cherry-pick observations that seem to support their view while ignoring a vast amount of evidence to the contrary.

Misunderstanding of Physics: Misinterpretations of basic physics, such as gravity and the properties of light and movement, are common. How gravity works and why gravity works are two very different things and need to be distinguished.

Conspiracy Theorizing: Many Flat Earth arguments are rooted in the belief of a vast global conspiracy by governments and scientists to conceal the "truth" about the Earth's shape.

Confusing Perspective with Reality: The argument that objects such as ships disappearing over the horizon are due to perspective rather than the curvature of the Earth.

Denial of Space Exploration: Disbelief in space exploration achievements like moon landings, satellite imagery, and photos of the Earth from space.

Misunderstanding Scale: Failing to comprehend the scale of the Earth and how its curvature appears from a human perspective.

Appeal to Ancient Beliefs: Citing ancient or historical beliefs in a flat Earth as evidence that modern science is wrong.

Misinterpretation of Air Travel Routes: The belief that certain airline routes would be different if the Earth were round.

Ignoring the Consistency of Scientific Predictions: Overlooking how the round Earth model consistently predicts natural phenomena like eclipses, seasons, and weather patterns.

Equating Feeling with Fact: The argument that because the Earth "feels" flat when we walk on it, it must be flat.

Horizon & Curvature Calculator

Use this calculator to test common horizon and curvature claims. It estimates horizon distance, geometric drop, and how much of a distant target should be hidden from the bottom up.

<https://wiki.flatearthabsurdity.com/tools/curvature-calculator/>

If the tool does not appear, open it directly at </tools/curvature-calculator/>.

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