

Geophysics is Astrophysics

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Abstract: It is hypothesized that the separation of geophysics from astrophysics is arbitrary. Reasoning is provided.

It is understood with certainty that the Earth resides in an area of the Milky Way Galaxy many billions of miles separated from many billions of other star systems and celestial objects. It is a part of a star system floating in outer space. Since astrophysics is the study of astrophysical phenomena and the Earth is astrophysical in nature, then we can conclude that the study of the Earth is astrophysics. The assumption that the Earth is not astronomical in nature is horrendous and leaves people with the impression that the Earth is a different kind of entity separated from the stars and other objects we see in the night sky. This arbitrary issue with language has made it very difficult for people to come to terms with the idea of there being other worlds just like ours.

The separation of the heavens and the Earth is arbitrary. The Earth resides in the heavens. When people study rocks and minerals they are doing astrophysics not “geo”-logy. When people study the Earth they are also studying every single celestial object in the universe. When people study a glass of water they are studying the oceans.

