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EFFECTS OF EARTH'S AXIAL TILT AND ORBIT CHANGES ON HUMAN HISTORY

Abstract:

Earth, from its formation, has been in the solar system and moving in space based on the motions of the sun. Some changes has occurred in the orbit and axial tilt of earth during this travel. By this way, there are some differentiations on climate changes, big natural events and ambient conditions. Human, as a part of the universe, has been effected by these critical changes. Throughout history, human searching clue for making sense of not only his position in universe but also his existence purpose, has reflected these changes onto his history, voluntary and involuntary. Milankovitch theorized mathematically that earth's motion, axial tilt and changes of axial dislocation specify the climate formation with the orbital press. In this study, we purpose to show that this reasons generate important changes in human history in a long process, based on Milankovitch theory.

Keywords:

Axial tilt, Milankovitch Theory, human history