

BRANISLAV MILOVANOVIĆ ABOUT MILANKOVIĆ'S CYCLE OF INSOLATION

Professor Branislav Milovanović (1908-1977) wrote a book named “Mysterious Earth” (“Geology for everybody”) in 1942. year. He describes and interprets some interesting parts of Milanković’s cycle of insolation. Milovanović is one of the first Serbian geologist who understood Milanković’s theory, its influence on the planetary climate in the geological past, and mathematical/physical mechanism. In this paper we describe Milovanović’s ideas and his understanding of Milanković’s theory, mainly the frame of absolute rock age. The book “Mysterious Earth” is 70 years old, however, Milovanović’s physical explanations are still young, geologically and paleoclimatologically correct. We used several examples from Milanković’s diagram of insolation to illustrated Milovanović’s geological, paleoclimatological and planetary explanation of Milanković’s cycle of insolation.