

Global glaciations and subsequent warm climates in Neoproterozoic

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Recent studies indicate that a global glaciation and subsequent warm climate caused by extreme greenhouse effect had occurred several times in Neoproterozoic. The hard fluctuation of the Neoproterozoic climate seems to pave the way for the explosive radiation of multicellular animal life in early Cambrian. In this study, we will show results of analyzing Rasthof cap carbonates overlying a glacial deposit in Namibia and discuss about a global glaciation and subsequent extreme warm climate in Neoproterozoic.