

A new story of the Earth's history

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A new story of the Earth was proposed, based on (1)our works of global geology, and (2)global compilations of Pacific-type orogenic belts, P-T conditions of regional metamorphic belts, and Pb isotope age of detrital zircons in the huge river sands. 7 mega-events were proposed; (1)Birth of the Earth and satellite Moon, (2)Initiation of plate tectonics, formation of continent, and birth of life, (3)Mantle overturn, birth of strong magnetosphere, and first photosynthesis, (4)First supercontinent Nuna, and beginning of Wilson cycle, (5)Initiation of returnflow of seawater, and appearance of large multi-cellular animals, (6)End of Paleozoic and mass extinction, and (7)Birth of human being.