

Possible impact effects on formation of Sea of Japan

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Impacts to water planet of the Earth produce impact craters (on continents), or mantle-crust activity with magmatic intrusion (mainly on impact to sea). The Cretaceous/Tertiary (K/T) boundary impact swath can be explained as Indian Basaltic flow from Mexican impact transported by shock wave with magmatic activity. Expansion of the proto-Sea of Japan can be also explained by the Miocene swath. The proto-Sea of Japan is considered to be opened by (a) direct impact on old Tamakatsu crater site (i.e. now center of Sea of Japan, as Yamato-Tai), and (b) possible shock-wave transportation of other impacts (including the Riece impact) .