

## Distribution map of erosion rates on timescales of $10^2$ – $10^4$ years in the Japanese Islands

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Distribution map of erosion rates on geological timescales should be prepared to evaluate the long-term stability of geological environments. Previous distribution maps of erosion rates were constructed based on deposition rates in artificial dams on multi-decadal timescales. This study aims to construct a new distribution map of erosion rates on timescales of  $10^2$ – $10^4$  years by using reported data derived from terrestrial cosmogenic nuclide (TCN) methods. This study presents the method for constructing the new distribution map of erosion rate and the results of comparing it with the previous one.

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