

## Tectonic epochs of Southwest Japan since Pliocene and relation to tectonics in Himalayas

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It is a significant geological target to discuss the time and duration of tectonic epochs between several regions. Tectonic epochs in southwest Japan are listed as follows; 5-6Ma, 3Ma, 1.0-1.2Ma(1.5Ma), 0.5Ma, (0.3-0.2Ma). These epochs are summarized by the data of basin formation, tectonic development and volcanic history. It is considered that part of those epochs are related with the activity and direction of the Philippine Sea plate motion. As Southwest Japan is an island arc in front of the Philippine Sea plate and also a part of Asian continent, tectonics in this region may be affected by the tectonic evolution at Asian continent (for example, uplift of Himalayas). The epochs of 11Ma-8Ma, 1Ma are indicated in the relation to the monsoon system formation. This presentation will introduce the tectonic epochs at southwest Japan and discuss the relationship with the tectonics in Himalayas during Neogene time.