

Geological field excursion courses in the Muroto Geopark: examples from the 113th Annual Meeting of the Geological Society of Japan and International symposium on Gondwana Evolution and Dispersal

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An Excursion guidebook, including the following four field trips in the Muroto Geopark region, has been published as a supplemental issue of the Journal of the Geological Society of Japan. Trip A: Quaternary crustal movement and coseismic uplift along Muroto Peninsula. Trip B: Stratigraphy and paleontology of Pliocene Tonohama Group (Astronomically tuned time scale and high resolution paleoceanography). Trip C: Melanges and dikes of the Miocene Nabae complex, Muroto Peninsula. Trip D: Murotomisaki gabbroic Complex- Field observations of magmatic differentiation processes.

All four courses are designed as one-day field trips to understand the relationship between; Holocene marine terrace and sea level change by paleoseismological uplift (Trip A); and geological processes recorded in the Shimanto belt which is one of the best-documented on-land accretionary complexes in the world (Trip B to D). The guidebook is accessible online via following URL;
<http://www.geosociety.jp/faq/content0007.html> (in Japanese)

The excursion courses and guidebook were prepared originally for professional scientists, engineers and students, however, it is available to arrange and use for undergraduate course study, scientific camps for high school through upper grades of elementary school, etc. Maps, figures and tables in the excursion guidebook have been used also for international conference and symposium trips.

Presented in Theme 3