

Geostory of Shikano town and Shikano Kaido Highway, eastern Tottori Prefecture, southwestern Japan

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Authors invented a geostory for a geotour in Shikano town and Shikano-Kaido Highway (old highway), eastern part of Tottori Prefecture. This geostory is created by combining the traces of the old highway along the fault topography, the traces of the Tottori earthquake, and the formation of the bedrock that underlies Shikano Castle. Following this geostory is expected to lead to people's understanding of plate tectonics. Shikano town and Shikano-Kaido Highway are part of the San'in Kaigan Geopark. In Shikano town, a walking guide map is issued by the San'in Kaigan Geopark Promotion Council, and Shikano town historical guide activities are also active. However, it is an issue that the active faults and the traces of the Tottori earthquake around the town are not fully utilized. Therefore, this geostory is expected to improve the geoscience literacy of geotour participants, as well as to enhance the attractiveness of Shikano town and Shikano-Kaido Highway as the San'in Kaigan Geopark.

Keywords: San'in Kaigan UNESCO Global Geopark, Active fault, Plate tectonics, Tottori earthquake in 1943, Igneous activity