

## Stones forming tombs of feudal lords during Edo period in some geoparks located along the coast of the Sea of Japan

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San' in Kaigan Geopark, Shimane Peninsula and Shinjiko Nakaumi estuary Geopark, and Hagi Geopark are located along the coastal area of Sea of Japan and each has feudal lord tombs of the generations. I show the characteristics and speculate the production area of the stones, in the basis of petrography and magnetic susceptibility. Grave site of Ikeda family who are feudal lords of Tottori Domain situate in the San' in Kaigan UNESCO Global Geopark. Most of the tombs in the grave site are made by Mochigase Granite with low magnetic susceptibility located in the south of Tottori City. Stones of tombs in the grave site of Matsudaira family who are feudal lords of Matsu Domain in the Shimane Peninsula and Shinjiko Nakaumi estuary Geopark are clearly divided to older and younger tombs. Former is made of coarse-grained biotite granite with low magnetic susceptibility and latter is made of medium-grained hornblende biotite granodiorite with high magnetic susceptibility. Former ones may be quarried from Seto Inland Sea area and latter ones may be the granite from local area in San' in Zone. Granitic tombs in the Hagi Geopark have also similar tendency.

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