

Research into Digital Archival concerning Disaster Monuments in the Izu Peninsula

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In the Sanriku Region, past tsunamis and the lessons we learned from them appear on stone monuments throughout the area. However, stone monuments for tsunamis leading up to and including that which followed the 1896 Sanriku earthquake tsunami are already over 100 years old and are significantly weathered. In particular, stone monuments made with such material as sandstone and granite have significant surface weathering, and the inscriptions in many cases are difficult to make out. Such deterioration in readability due to weathering and other factors will occur to stone monuments in other regions, and there are concerns that other such monuments, including for the Genroku Kanto Earthquake tsunami in the Izu Peninsula, will also suffer from decreased readability. Further, about half of the tsunami stone monuments in the Sanriku Region suffered from flooding in the Great East Japan Earthquake, and most of these were damaged or washed away. The Izu Peninsula area is the region that will again suffer damage from tsunamis due to Tokai and Tonankai earthquakes, and we believe there is a need to preserve information on the stone monuments vulnerable to damage beforehand. In this regard, along with ascertaining the possibility of damage to stone monuments related to disasters in the Izu Peninsula, this research conducted collection, ordering and digital archiving of information on the stone monuments including details of the inscriptions, position information and three-dimensional data using photographs.

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