

10 years change of landforms and sediments of the Tsunami covered Namkem coastal plain in southern Thailand

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The Namkhem coastal plain in southern Thailand was covered with tsunami deposits at the time of Indian Ocean Earthquake in December 2004. In this paper, change of tsunami deposits in relation to the landforms of the coastal plain during 2005 to 2017 was studied. Landforms and land use of the area are not extremely changed during 10 years since 2005 to 2017. Most of the area is still remaining as barren area with vegetation. Thickness of tsunami deposits in most sites is not extremely changed in these 10 years except in the place of small valley floor where the concentration and accumulation of deposits are dominant. Color of the former top soil surface changed indistinct and facies of the tsunami deposits over the former surface also changed to obscure.

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