

The Coastal Erosion at Omorihama Coast, Hakodate, Hokkaido.

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Our club have measured land height above the sea level and observed coastal erosion at Omorihama coast Hakodate city since 2006. At the west part of the coast, the sandy beach was badly eroded in 2010 and 2011 during winter season. A sign board which was put up on the sand was felt down in March 2011 because it had lost foundation sand by Tsunami and windstorm. After that a wave carried sediments on a sign board in summer season and it was buried under the beach. In 2015, it appeared again on the beach because the sand was eroded by a storm surge caused by a bomb cyclone. It is considered that high tide level and strong longshore current cause serious erosion on the beach.

Keywords: The coastal erosion

