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Coastal Zones

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Link Block Protect Taiwan Coast

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Taiwan coast is surrounded by the Taiwan Strait and the Pacific Ocean. Sandy coasts are majority and severely scoured by North-Easterly winter monsoon and summer and autumn hurricane (i.e. typhoon). Link block (shore protection concrete block) are largely placed along the beach or vertical to the beach or even arranged offshore parallel to coast (i.e. offshore breakwater) to induce sediment behind the offshore breakwater to reclaimed the lost sand of beach (i.e. beach nourishment). However, such as commercial harbor like Taipei Port, the armour unit of the breakwater are placed by Link Block For East Coast along the Pacific Ocean, the beach slope is very steep, therefore the toe of the coast highway (Highway No.9 & Highway No.11) need to be protected along the highway foundation to protect big waves act on the foundation and erode sand away. Link Block are then occupied largely along the shore to protect highway foundation and keep their stable and sound coast and foundation are not eroded away.

Biography

Ho-Shong Hou worked for three years as a Hydraulic Laboratory Director and Chief Research Engineer with the Taichung Harbor Project, a man-made deep-water port construction on the West Coast of Taiwan. In 1976, he received his PhD in Civil and Coastal Engineering at the University of Florida. He then worked as the Director of the Graduate Institute of Harbor and Ocean Engineering at the National Taiwan Ocean University, and as an Adjunct Professor of the Institute of Naval Architecture at National Taiwan University. He subsequently became the Deputy Director of the Harbor Research Institute in Taichung for the following five years, whilst maintaining his two professorships. Soon after he accepted an offer to become the Division Director (and afterward Deputy Director-General) of the Institute of Transportation of the Ministry of Transportation and Communications (MOTC), positions he held for a total of 12 years. In 1995, he was promoted to Director-General of Department of Railways and Highways within the MOTC. He was in December 1998 invited by then Mayor of Kaohsiung to serve as Deputy Mayor. In this high responsibility role he was in charge of all municipal infrastructure development projects, and was also subsequently appointed to the position of Chief Commissioner of the Kaohsiung City Election Commission. He is a registered Civil and Hydraulic Engineer, and an active member of American Society of Civil Engineers. He was the President of PACON (2002-2008) International and a Life Member (from 2006).

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