

**GEOTEXTILE TUBES USED IN A WIND-BLOWN SAND
REMEDICATION PROJECT IN TAICHUNG HARBOR NORTH
SILTATION AREA**

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Abstract: The project located in between the Taichung Harbor north breakwater and north groin (Fig. 1.). Since the Taiwan 921 earthquake, the amount of sediment has doubled increased. The wind-blown sand not only inundated coastal recreation areas, but also endangers the Wuchi fishing port and the Taichung Harbor (Fig. 2.). Taichung Harbor is an artificial port and the annual cargo handling capacity accumulated up to more than 100 million tons; Taichung Harbor as an important transportation hub in central Taiwan. The coast predominant direction of sediment transport by the north to south, under the influence of the Tachia River annual sediment transport and the North