

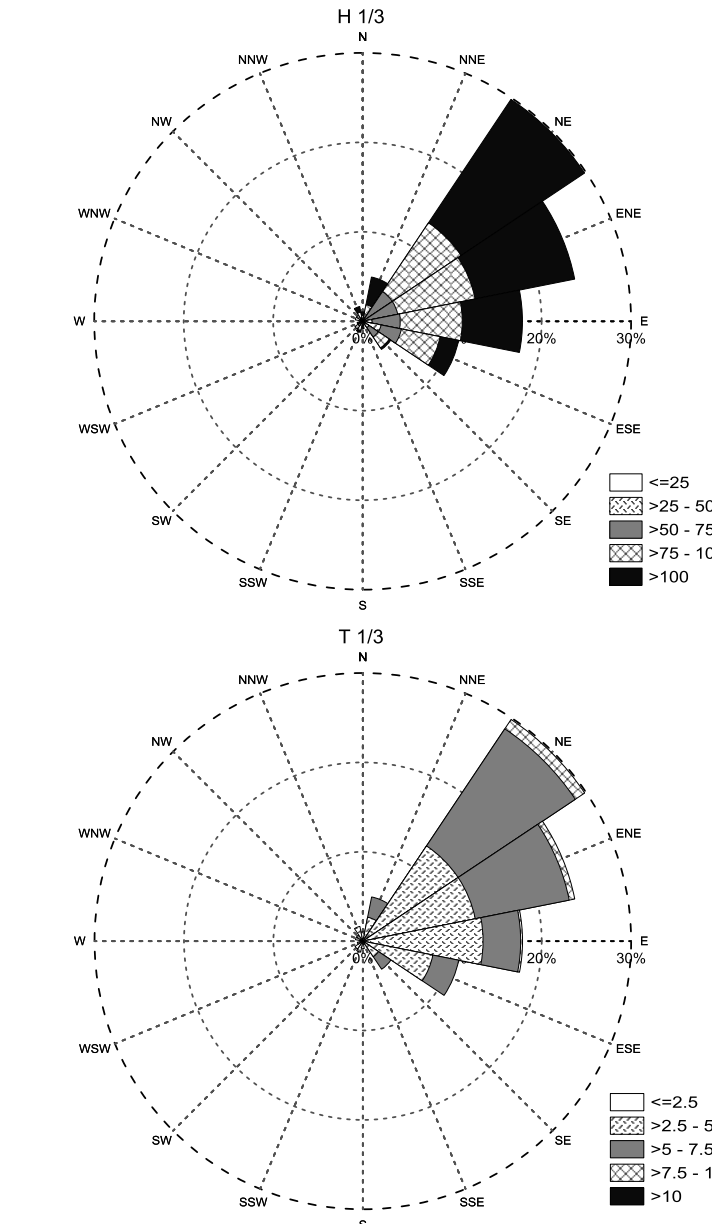
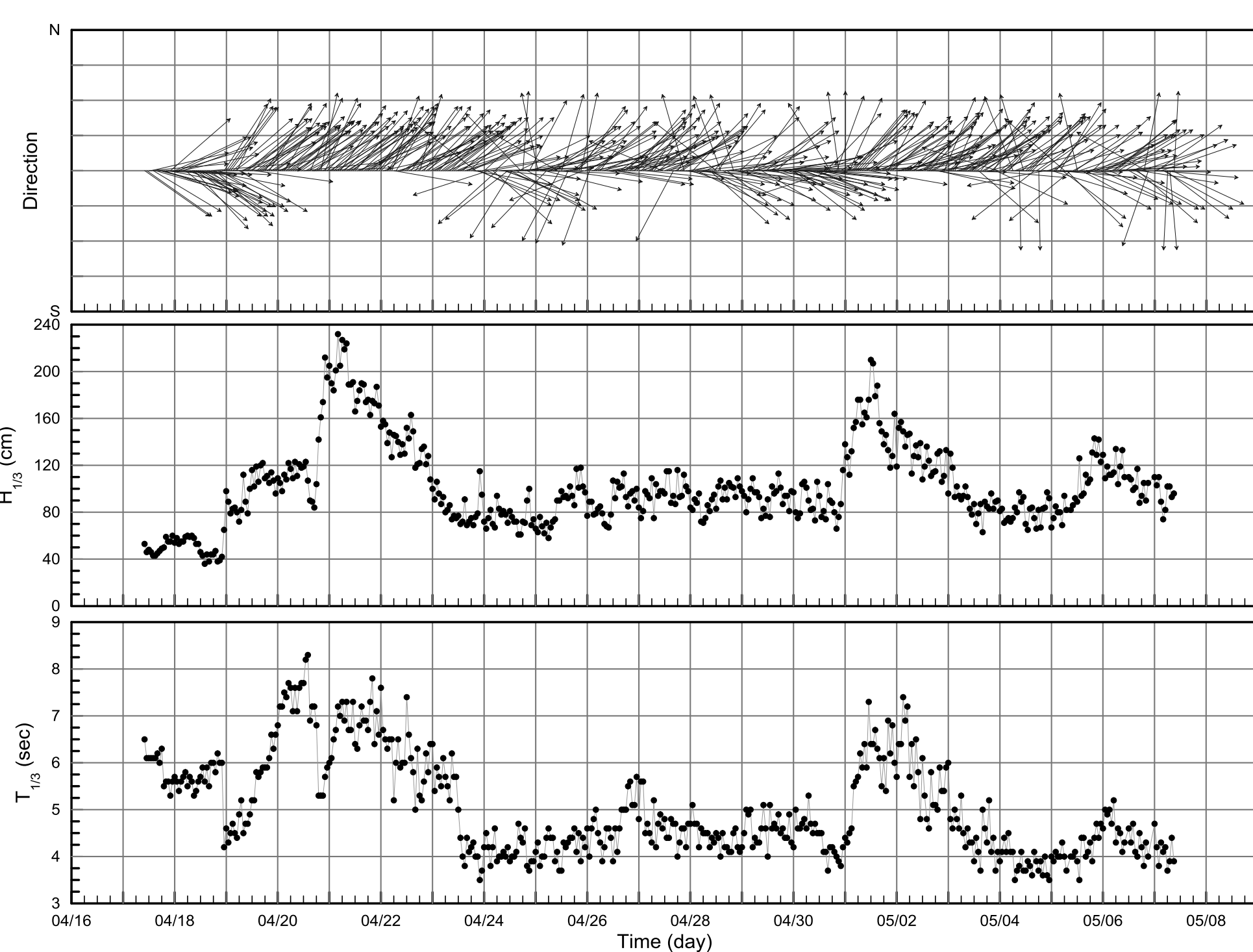
海岸防護研究室

Coastal Protection Laboratory

曾以帆 助理教授
I-Fan Tseng Ph.D

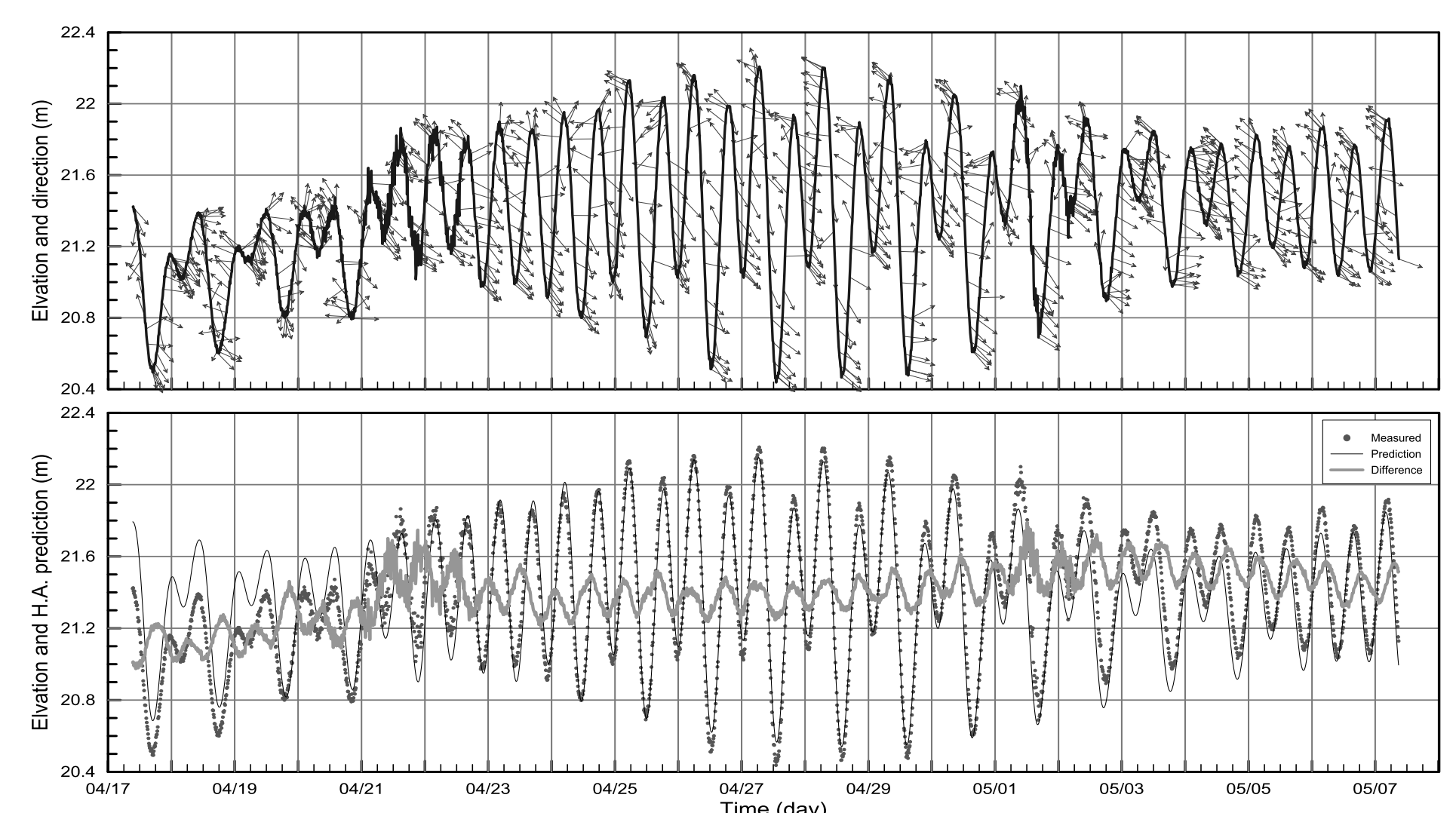


海象觀測 Wave Climate Monitoring

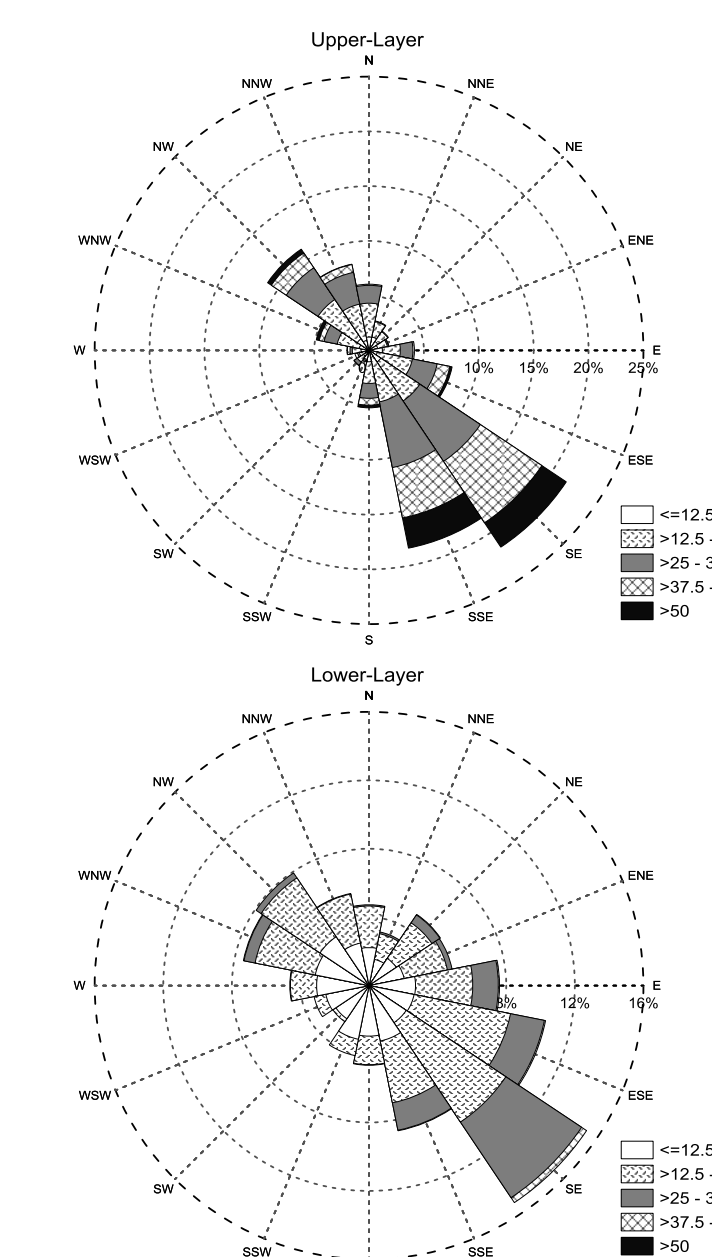


波高波向玫瑰圖

波浪實測紀錄



潮位實測紀錄 (套繪流向)

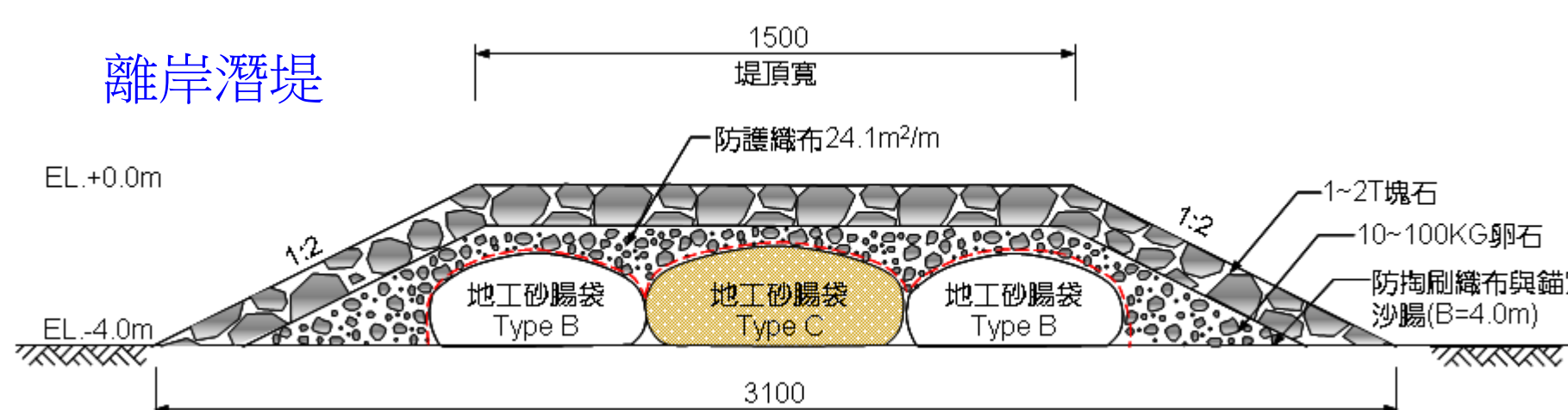


流速流向玫瑰圖

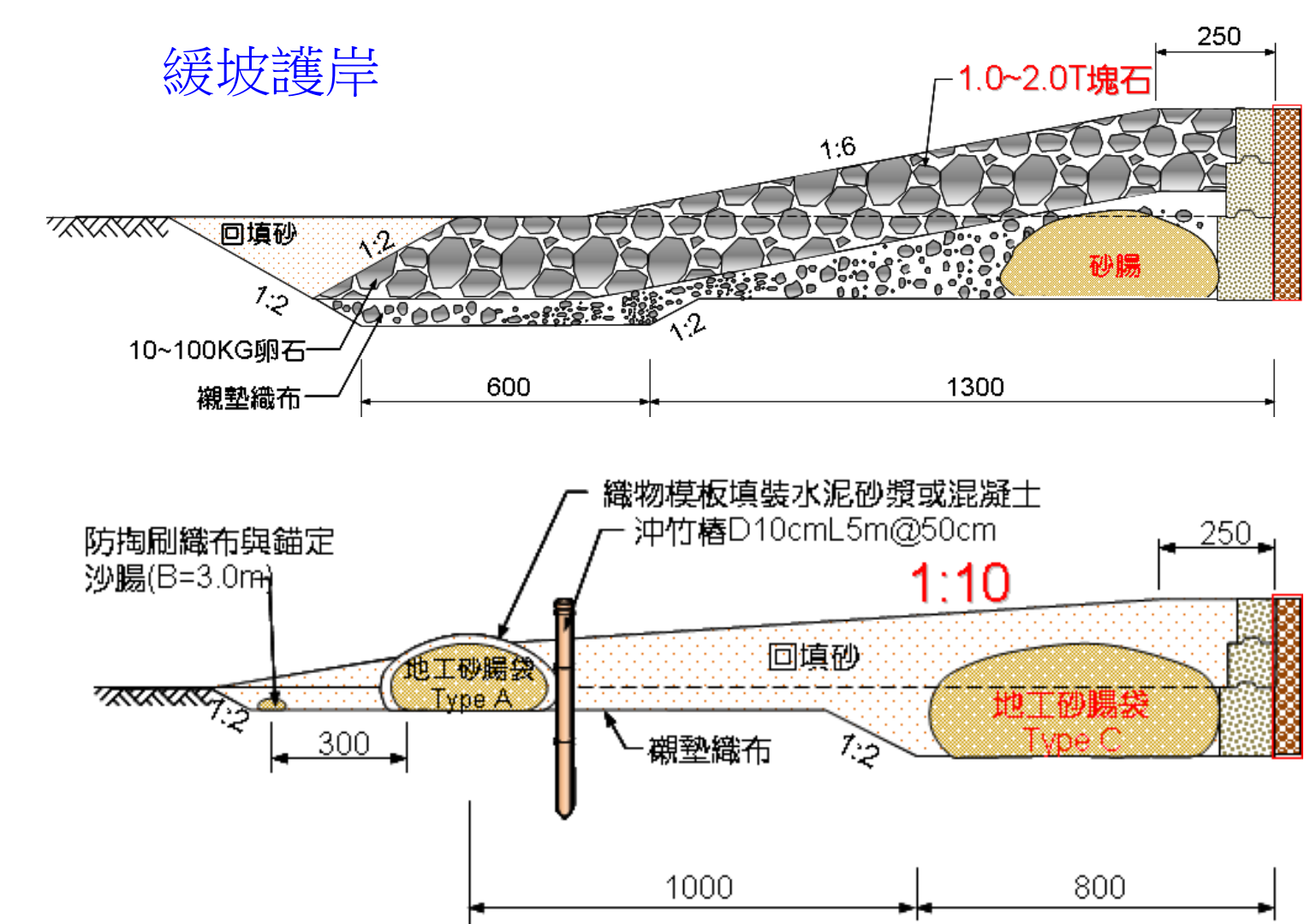
海岸防護 Coastal Protection



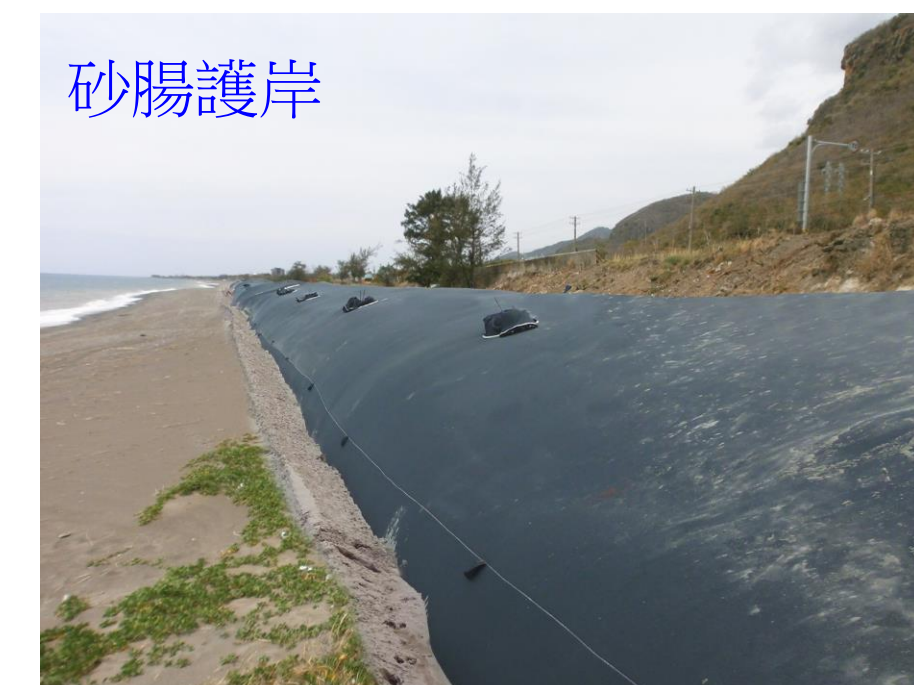
離岸潛堤



緩坡護岸



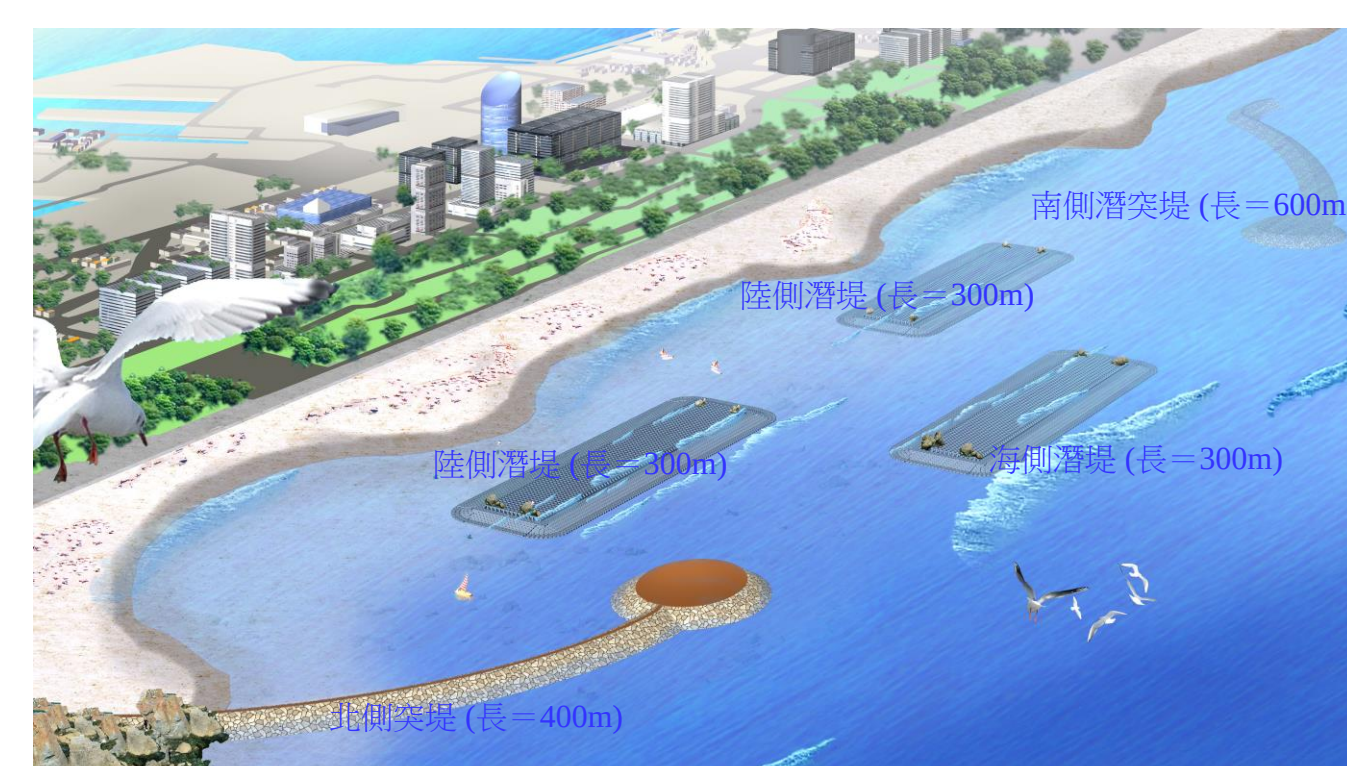
護岸現況



砂腸護岸



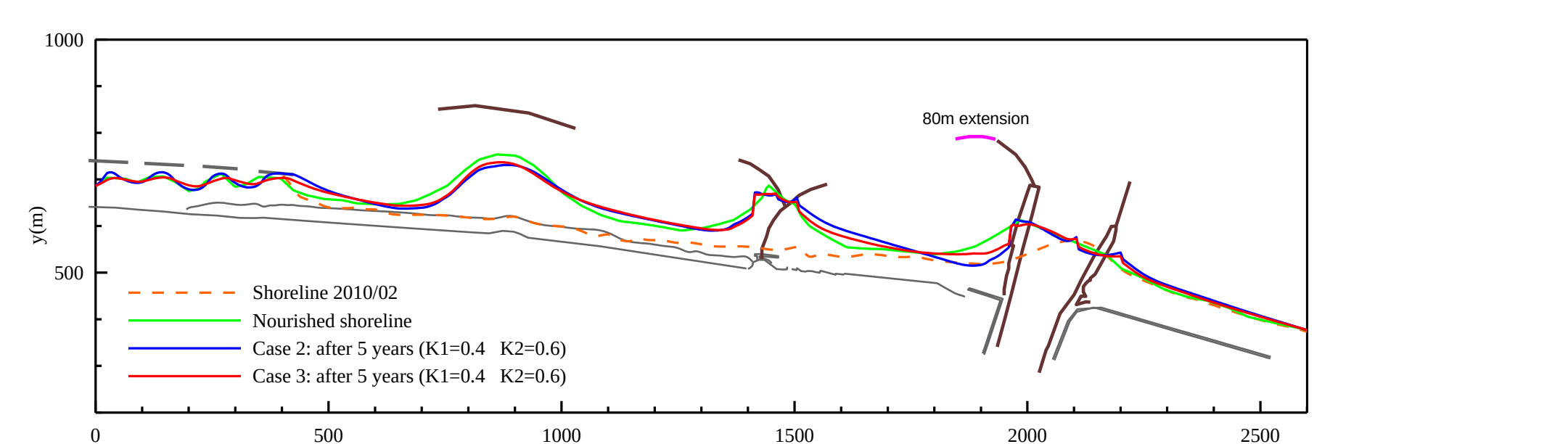
砂腸護岸+植被



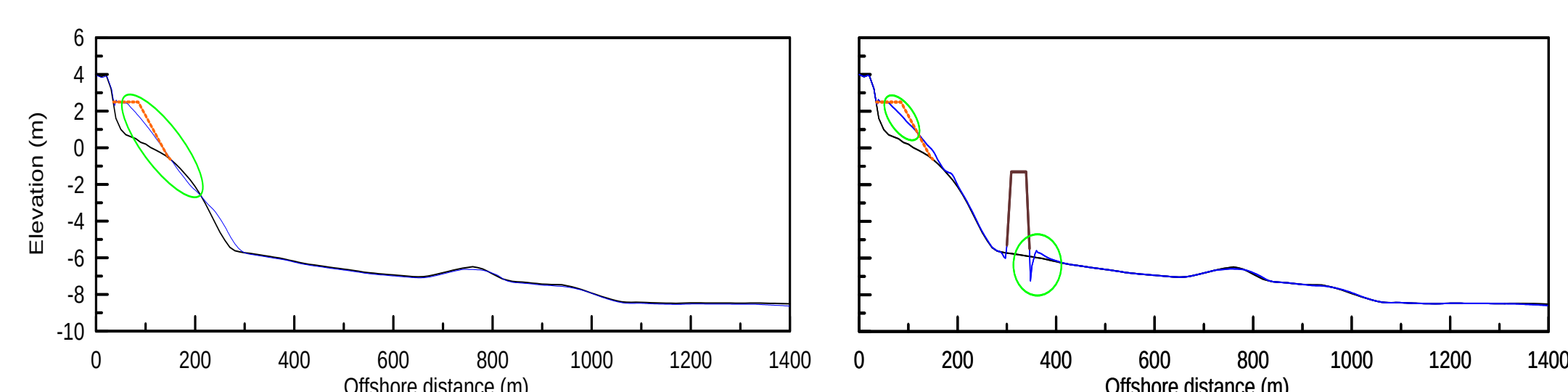
生態型潛堤

數值模擬 Numerical Simulation

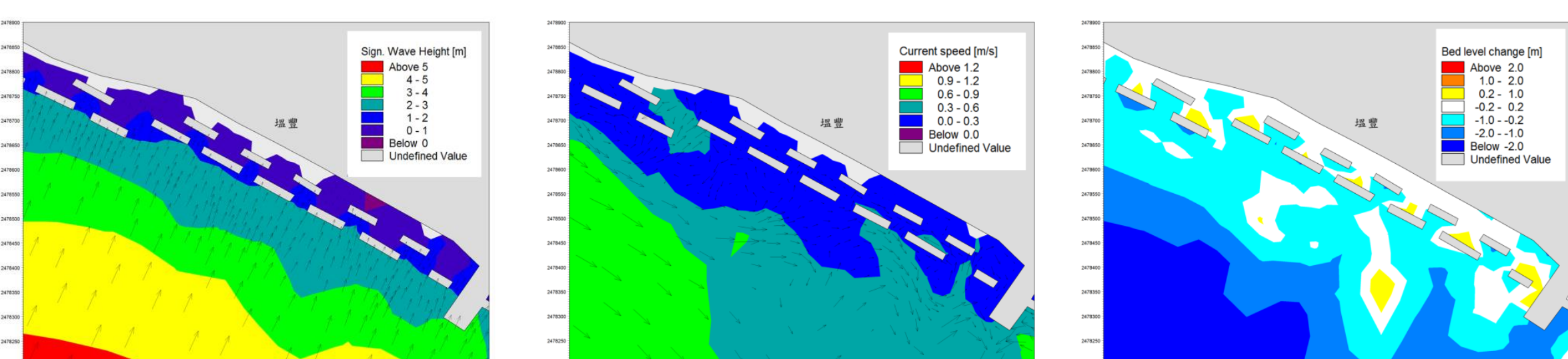
海岸線變遷 (GENESIS)



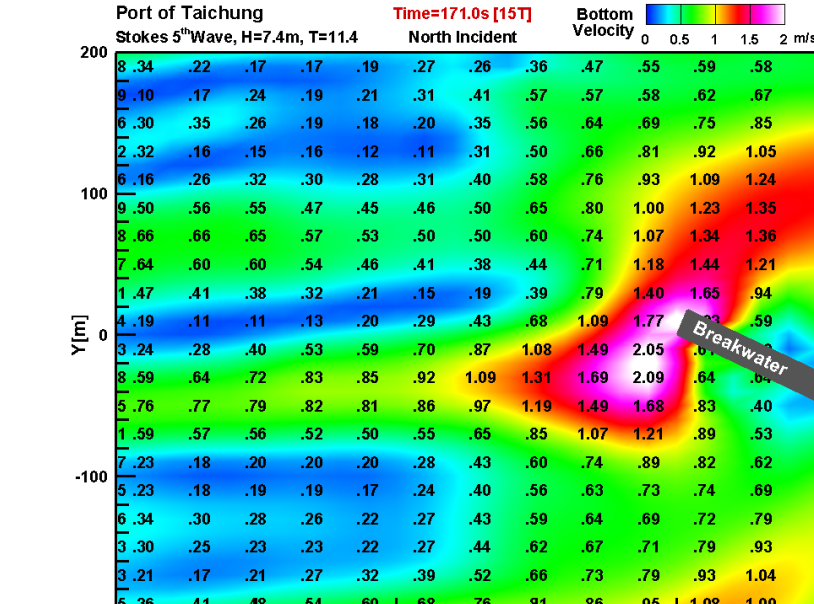
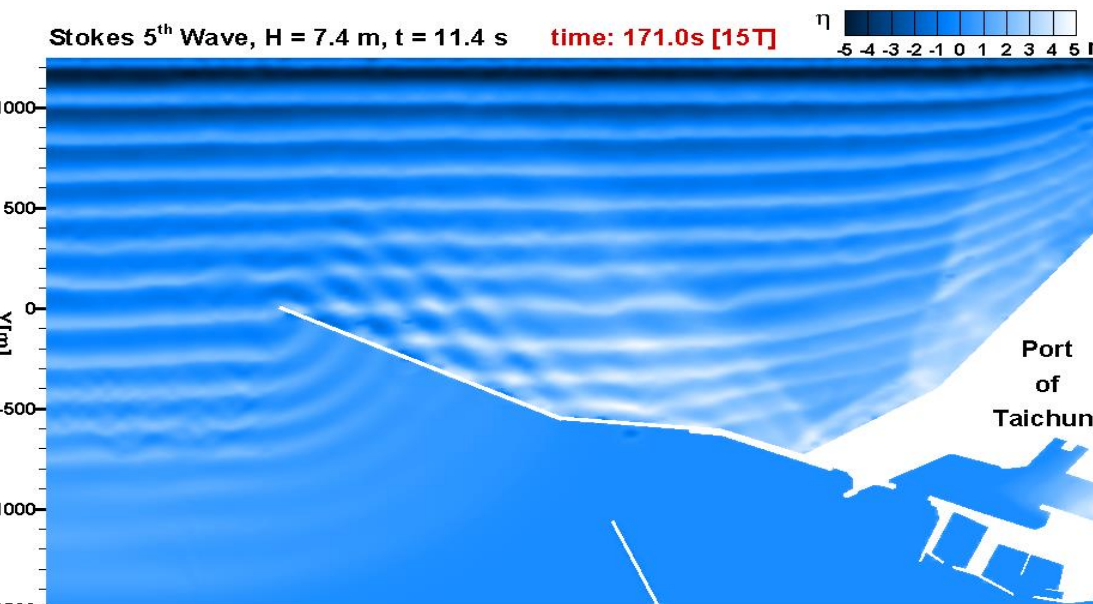
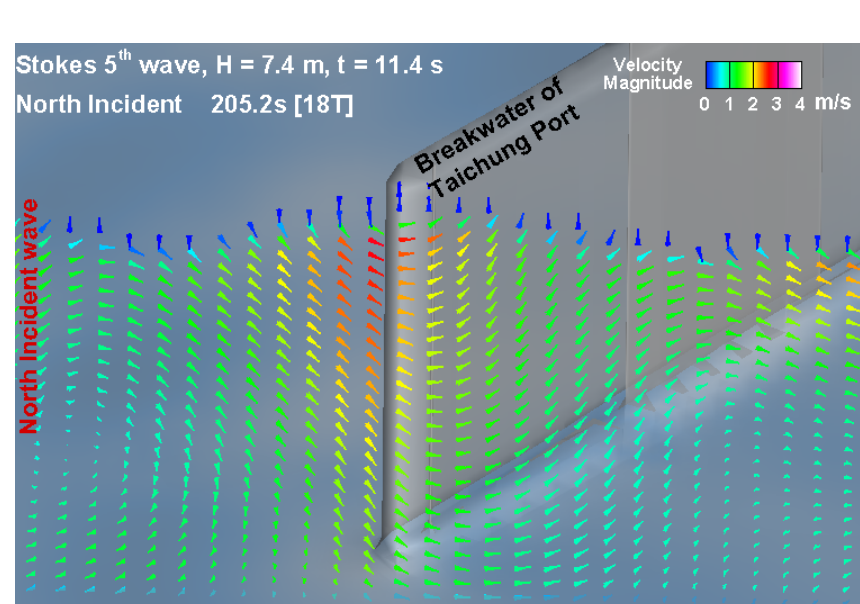
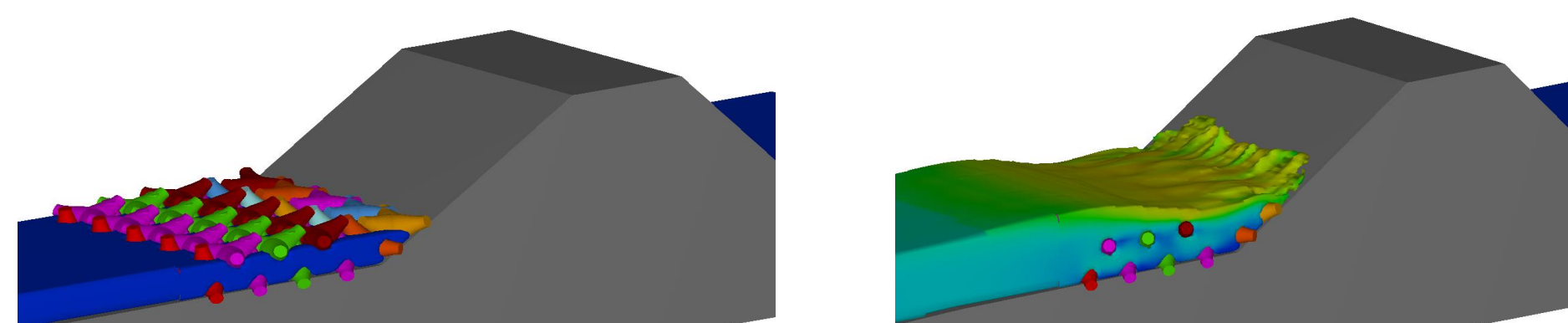
海灘斷面侵蝕 (SBEACH)



波流地形變化 (MIKE21)

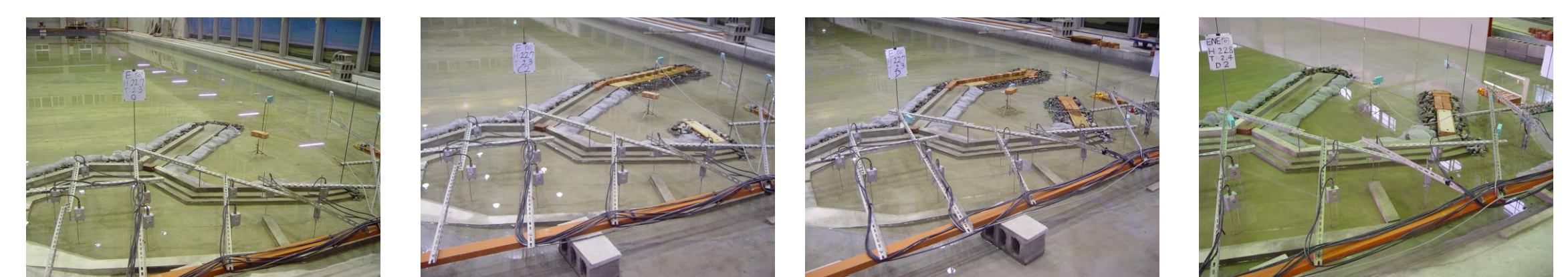


波浪溯升與堤頭流沉 (Flow-3D)



水工模型試驗 Hydraulic Model Test

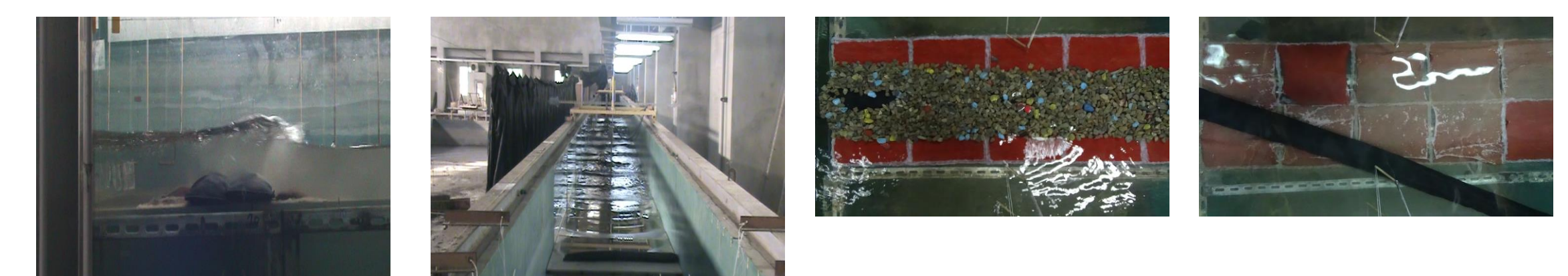
興海漁港外防波堤改善整體規劃 (2008)



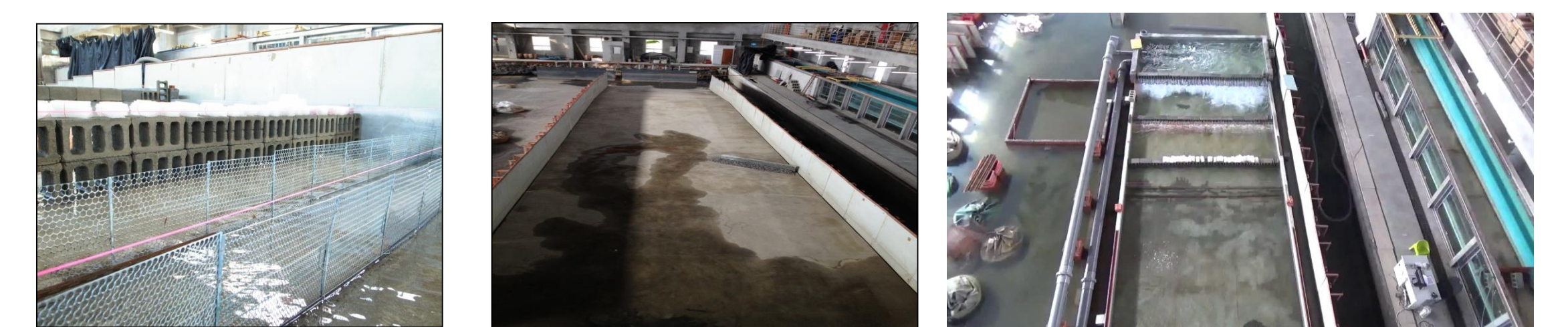
大鵬灣至南平里海堤人工養灘 (2010)



地工沙管應用於海岸保護 (2014)



港灣防波堤堤頭沖蝕機制之研究 (2014)



屏東縣離岸堤及離岸潛堤效益評估計畫 (2015)

