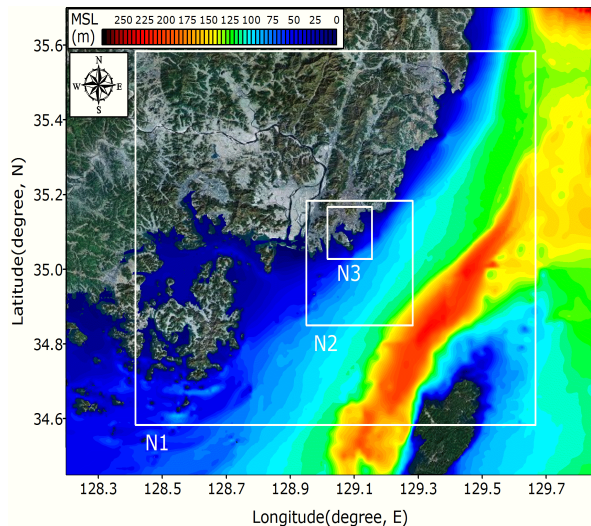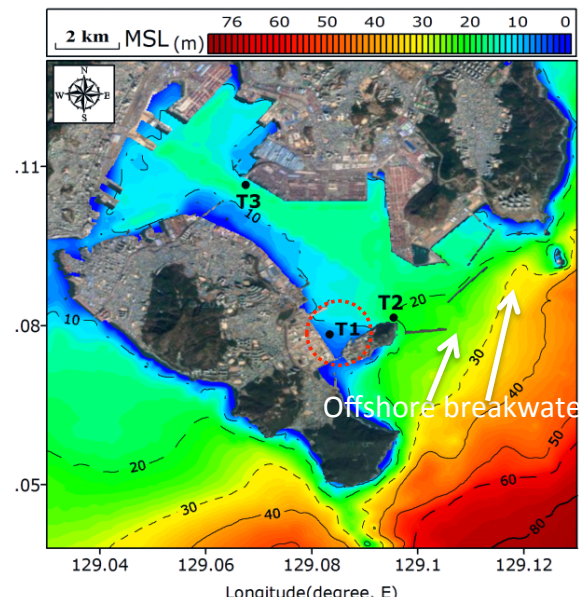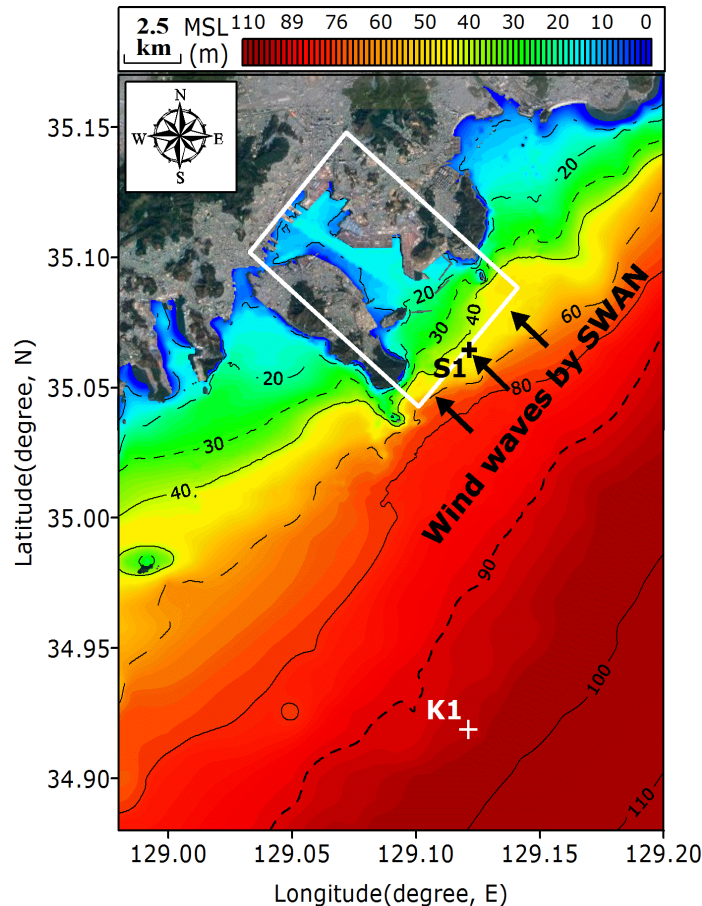# Application in the Port of Busan

N1, N2 and N3 are SWAN domains

T1, T2 and T3 are wave gauges.

Schematic figure for wave forecasting system using FUNWAVE-TVD and SWAN in KOOS. Water depth contours near the Port of Busan are presented. The white rectangle indicates the boundary of the FUNWAVE-TVD model domain. Real-time wave fields using the SWAN are stored at S1. K1 denotes the location of real-time wave observation operated by the Korea Hydrographic and Oceanographic Agency (KHOA). The domain sizes of FUNWAVE are 10km x 7 km.