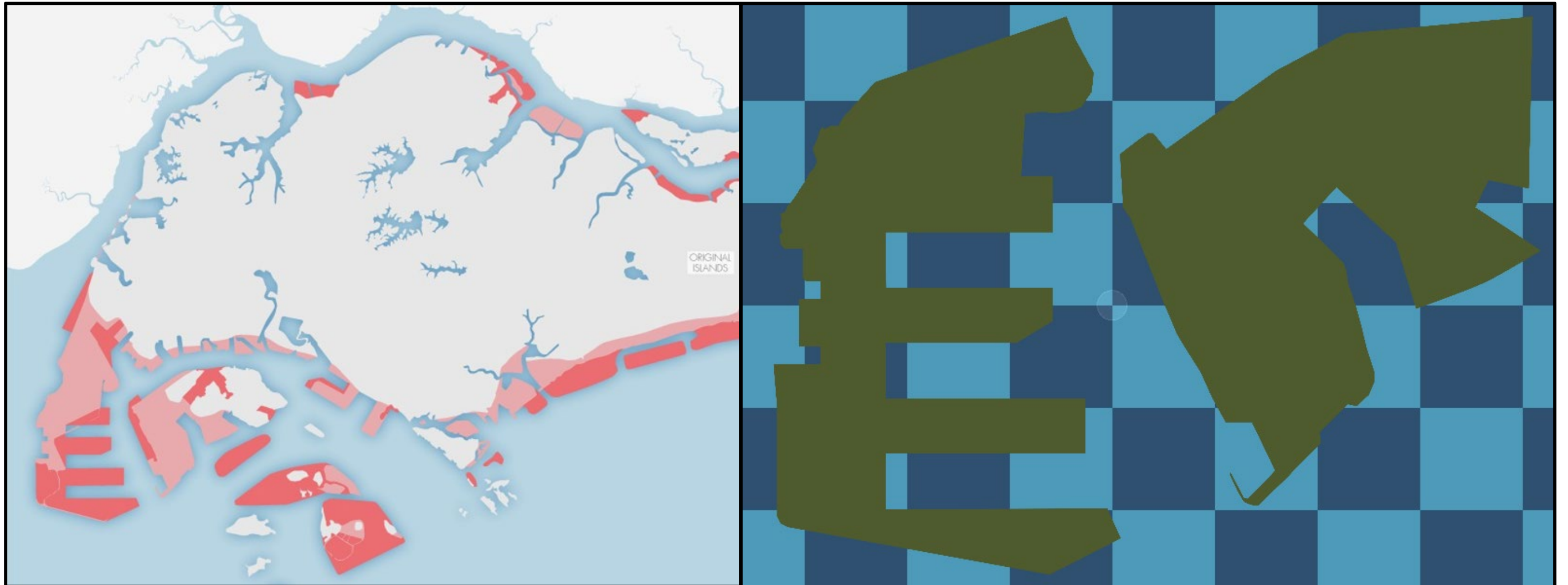


Maritime Traffic Simulation

for Tuas Mega Port waters

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Project Objectives:

Singapore is one of the largest port businesses in the world, and to be prepared to meet the ever-increasing demands for globalized trade through freight and cargo vessels, construction of the Tuas Mega Port has begun. The project aims to develop a simulation model, accurately simulating the movement behaviours of container ships and traffic patterns. This model will be built for the Tuas Mega Port setting, to study and analyse the navigational efficiency of traffic movements in the port.

Features:

- Vessel maneuvering
- Collision avoidance rules
- Arrival, berthing and departure navigational behaviours

