
Victoria Harbour Findings

Allison Holmes
Sarah Ma
Andrew Rottier
Connor Ross

Goal Statement

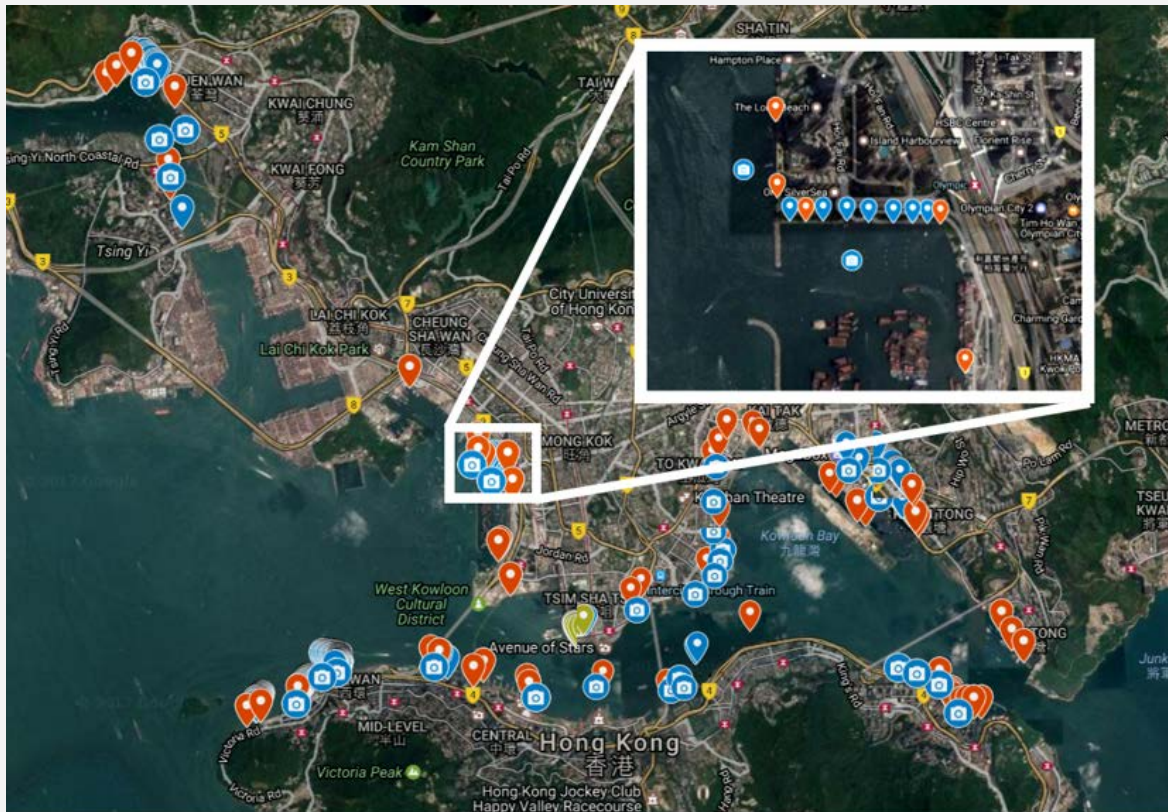
This project evaluated preferred and practical locations in Victoria Harbour for marine activities and tying up vessels.





Lonely Bollards



Map of bollards and current infrastructure

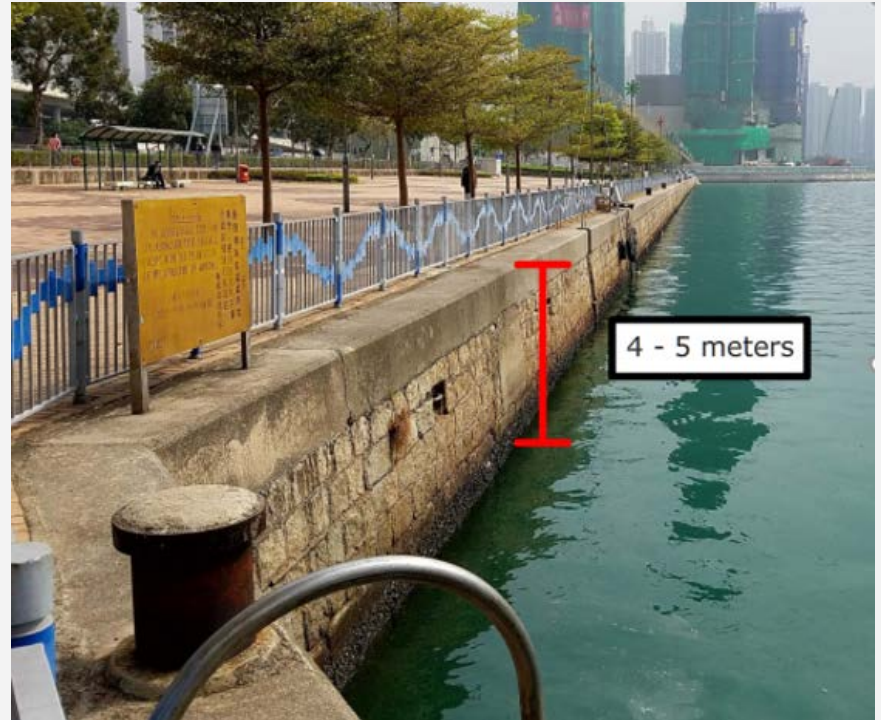


Key

-  Bollards
-  Landing Steps

Lack of Current Tie Up Space

- Existing seawalls are not built for the berthing of vessels
 - Bollards are inadequately spaced
 - Lack of supporting infrastructure
- Permission



Political and Legal Concerns

- Orders by the Director of Marine
- Protection of the Harbour Ordinance



Interdepartmental Dependencies

- A vast majority of waterfront is owned by government
- Modifications require liability
- Lack of interest from government
- Government should be involved in driving waterfront related projects



Criteria for Marine Infrastructure

Demand

- Cultural Amenities
- Retail Space
- Recreational Space
- Event Space

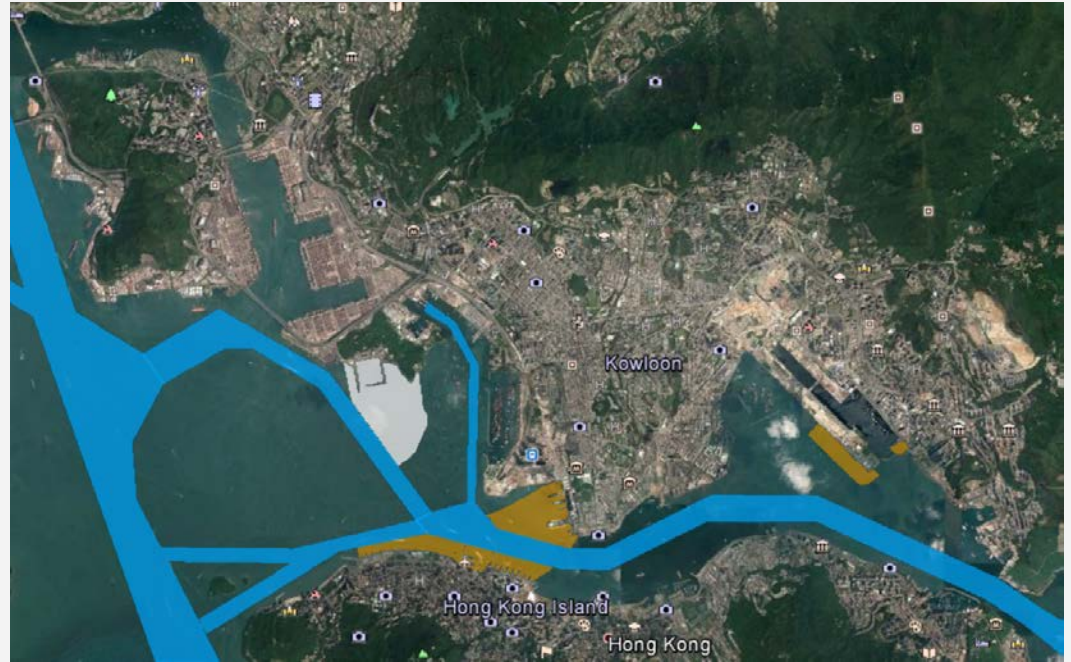
Connectivity

- Distance from public transportation

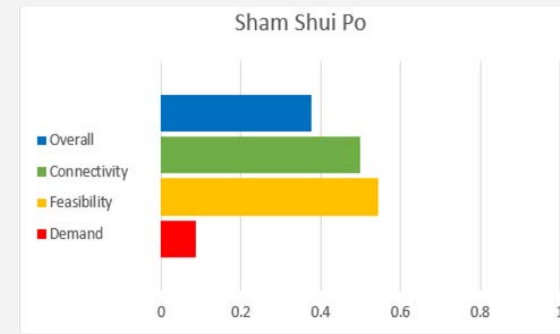
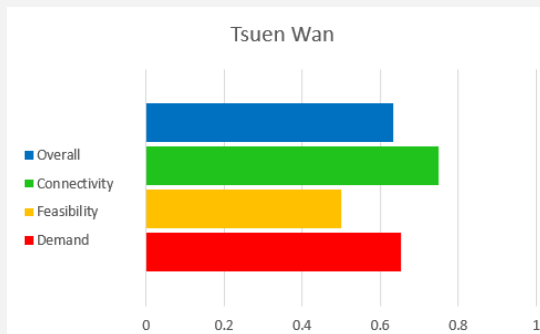
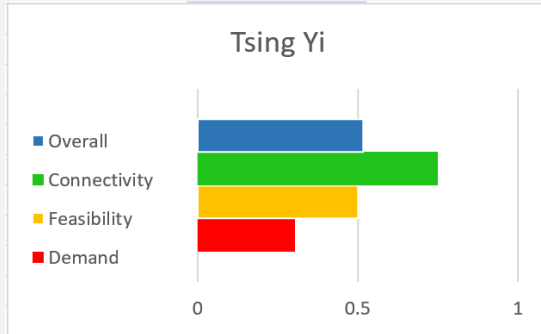
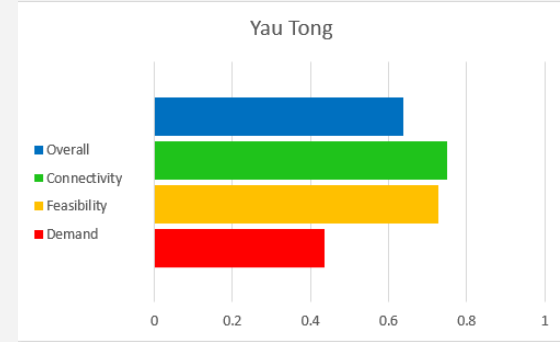
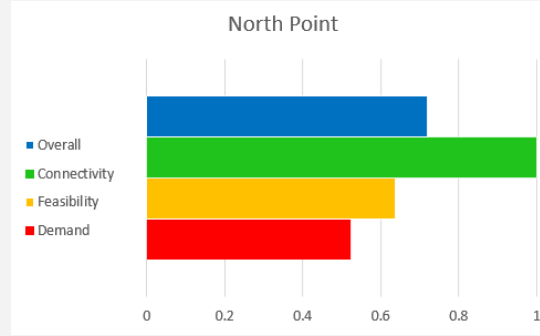
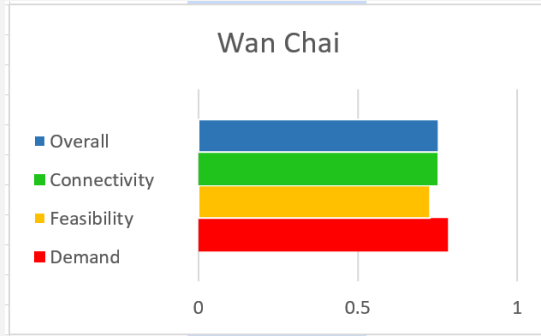


Feasibility and Safety Concerns

- Type of Seawall
- Fairway
- Wave Exposure



Demand, Feasibility, and Connectivity Graphs



Currently Connected Areas



- Places where berthing can happen
- Places people can interact with water

Primary Focus of Calm Water

- Calm water in Hong Kong is a rarity
- Focus marine infrastructure projects in areas that are sheltered



Possible Solutions

Floating Infrastructure

Pontoons

- Allow small vessels to berth
- Can be moved
- Are registered vessels



Wave Attenuators

- Floating infrastructure used to lessen waves
- Supplement areas like:
 - Yau Tong Bay
 - Former Wan Chai Cargo Handling Basin



Questions?