

RESULTS AND RECOMMENDATIONS

Major takeaways from our study:

- **Where do people choose to spend time when static?**
 - Waterfront fences
 - Benches that face the water
 - Grouped benches
- **How do weather patterns impact utilization of cover?**
 - Temperature has the greatest impact, with more people choosing non-covered areas as the temperature increases in the winter season
 - There is a preference for coverage by greenery as well as temperature increases

After conducting our study there are three recommended solutions that we propose:

- **Incorporate more centralized seating**
- **Incorporating more balance of cover vs non-covered**
- **Continue to investigate in the summer**

CONTACT US

gr-DHKC24@wpi.edu
Veronika Gorski
Lottie McLeod
Rohan Prasad
Drew Trust



WPI

SPONSORS



THE UNIVERSITY OF HONG KONG 香港大學
faculty of architecture 建築學院



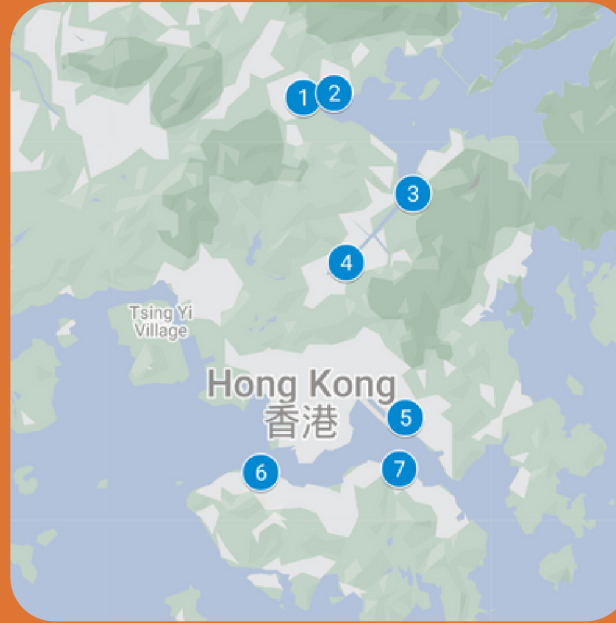
創建
Designing HongKong
香港.com

COOL AND COVERED

Waterfront Analyses
by Students of
Worcester Polytechnic
Institute



WATERFRONTS OF INTEREST



ABSTRACT

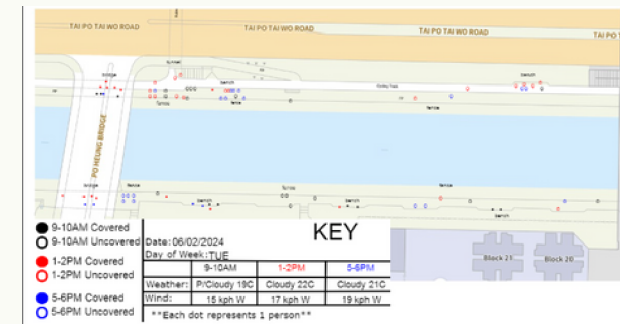
Hong Kong is a unique city formed on a small yet mountainous island with a rich cultural background. The creation of Hong Kong's public waterfront promenades has been a recent one fueled by the desire for more natural green-blue public spaces for personal and community use. In this project the group has observed and analysed seven specific public waterfront spaces ranging from Hong Kong Island to the New Territories. The goal of this project is to understand if structures that provide cover on the Hong Kong waterfronts effect waterfront usage during the winter season.

1. Lam Tsuen River Promenade
2. Tai Po Waterfront Park
3. Ma On Shan Promenade
4. Sha Tin Park
5. Kwun Tong Promenade
6. Sheung Wan Promenade
7. Quarry Bay Promenade

METHODS

Document visitors' static locations on the waterfront

The group extracted maps from Geo Info Map to track where people are sitting and standing, inspired by architect William Whyte, to determine where park visitors spend their time when stationary.



Record the circumstances of visitors' activities on the waterfront and their relation to shading.

To enhance waterfront livability, data on visitor activities and factors like weather and infrastructure type (green or grey) was collected. The team aimed to identify preferred infrastructure types for visitors using a Static Activity Chart for comparison.