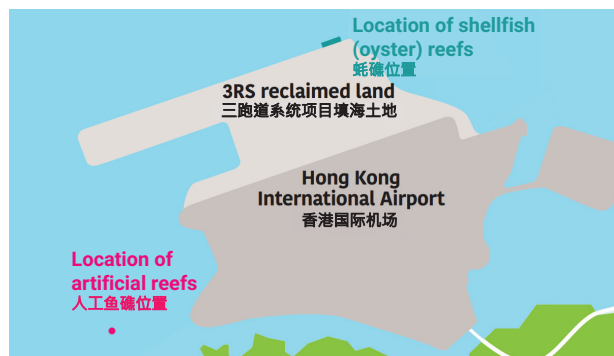


人工鱼礁及蚝礁先导计划 Artificial Reef and Shellfish Reef Pilot Studies

香港机场管理局（机管局）于2021年6月至7月在香港国际机场南跑道以西的水域敷设100组人工鱼礁。与此同时，机管局在环境许可证的法定要求以外，于第三条跑道北面新建的海堤敷设蚝礁。人工鱼礁及蚝礁位于拟议的北大屿海岸公园附近，作为提供微海洋生境以提升海洋生态及渔业资源的先导计划。机管局现正进行为期一年的监察，以评估人工鱼礁和蚝礁的成效。

From June to July 2021, Airport Authority Hong Kong (AAHK) deployed 100 units of artificial reef (AR) in waters to the west of the South Runway of Hong Kong International Airport. Meanwhile, shellfish (oyster) reefs were deployed at the newly completed seawall to the north of the Third Runway, an initiative beyond the Environmental Permit requirements. The ARs and shellfish (oyster) reefs placed near the proposed North Lantau Marine Park serve as pilot studies to provide micro-marine habitats for enhancing marine ecology and fisheries resources. A one-year monitoring programme is currently being undertaken by AAHK to evaluate the effectiveness of the ARs and shellfish (oyster) reefs.



人工鱼礁 Artificial Reef

- 人工鱼礁模拟天然珊瑚礁的结构
- 粗糙表面可吸引海洋生物附着生长
- 不同大小的洞孔为海洋生物如鱼和蟹提供屏障

- The ARs simulate the texture of natural coral reefs
- The rough surface promotes the settlement of a variety of marine organisms
- Hollow with holes of varying sizes, the ARs provide shelters for marine fauna such as fishes and crabs



蚝礁 Shellfish (Oyster) Reef

- 香港首项在预制海堤组件上建造蚝礁的研究工作
- 透过使用石灰岩、回收贝壳及活蚝重建自然栖息地，有助促进贝类及其他海洋生物繁殖

- The first study in Hong Kong to establish shellfish (oyster) reefs on pre-cast seawall units
- By using a combination of limestone, recycled shells and live oysters to recreate a natural habitat, the reefs promote the proliferation of shellfish and other marine life

