

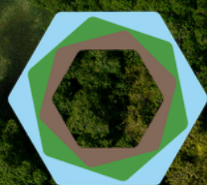
## GLOBAL WETLANDS PROJECT

# HONG KONG

The GLOW team in Hong Kong, led by Jinfeng Zhou, Yi Bao, and Yile Dai from the World Academy of Sustainable Development Limited, has been conducting pilot camera-trap monitoring at Hong Kong Wetland Park and surrounding mangrove sites. Their early observations have revealed several interesting crab behaviours, highlighting the value of continuous camera-based monitoring for understanding activity patterns that are difficult to observe through short field visits alone.

During the pilot study, some crabs were recorded digging new burrows at night, while others frequently entered neighbouring burrows rather than returning to their own. These observations may point to more complex social and spatial dynamics within mangrove crab communities. Larger crabs were mostly active at night, while overall crab activity increased around high tide, with many individuals visible on the mudflat surface before and after tidal peaks.

The team also observed a high density of juvenile crabs, although their small size makes them difficult to capture clearly in photographs. In addition to crabs, mudskippers, particularly *Boleophthalmus pectinirostris*, were identified as a promising second indicator species because they are easy to detect, active around tidal shifts, and useful as indicators of intertidal habitat health.



# GLOW

INFORMING COASTAL CONSERVATION  
GLOBALWETLANDSPROJECT.ORG