

Bird friendly and conservation measures on infrastructural projects: case study in Lok Ma Chau Loop

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Summary of the presentation

Hong Kong is located on the East Asian Australasian Flyway, providing critical habitats such as the mudflats at Houhai Bay, Hong Kong Wetland Park, and Mai Po Nature Reserve for migratory birds. These areas serve as essential feeding and resting grounds, with the mudflats at Houhai Bay and the Mai Po areas designated as a Ramsar site due to their importance.

Environmental Impact Assessments (EIAs) are crucial for mitigating the impacts of infrastructure on these habitats. They involve baseline surveys to protect habitats and species through early design considerations and targeted conservation measures.

Efforts in habitat creation focus on sustainable wetland development using cross-disciplinary strategies. This includes selecting appropriate soils, controlling water quality, and implementing specific cultivation practices in marshes to mimic natural environments, thereby enhancing biodiversity. These measures are vital for maintaining ecological functions and supporting diverse wildlife, demonstrating conservation success through enhanced biodiversity monitoring and species-specific management practices.