智慧濕地
SMART WETLAND

掃描二維碼查看
最新水位數據
Scan QR code to
check latest
water level data

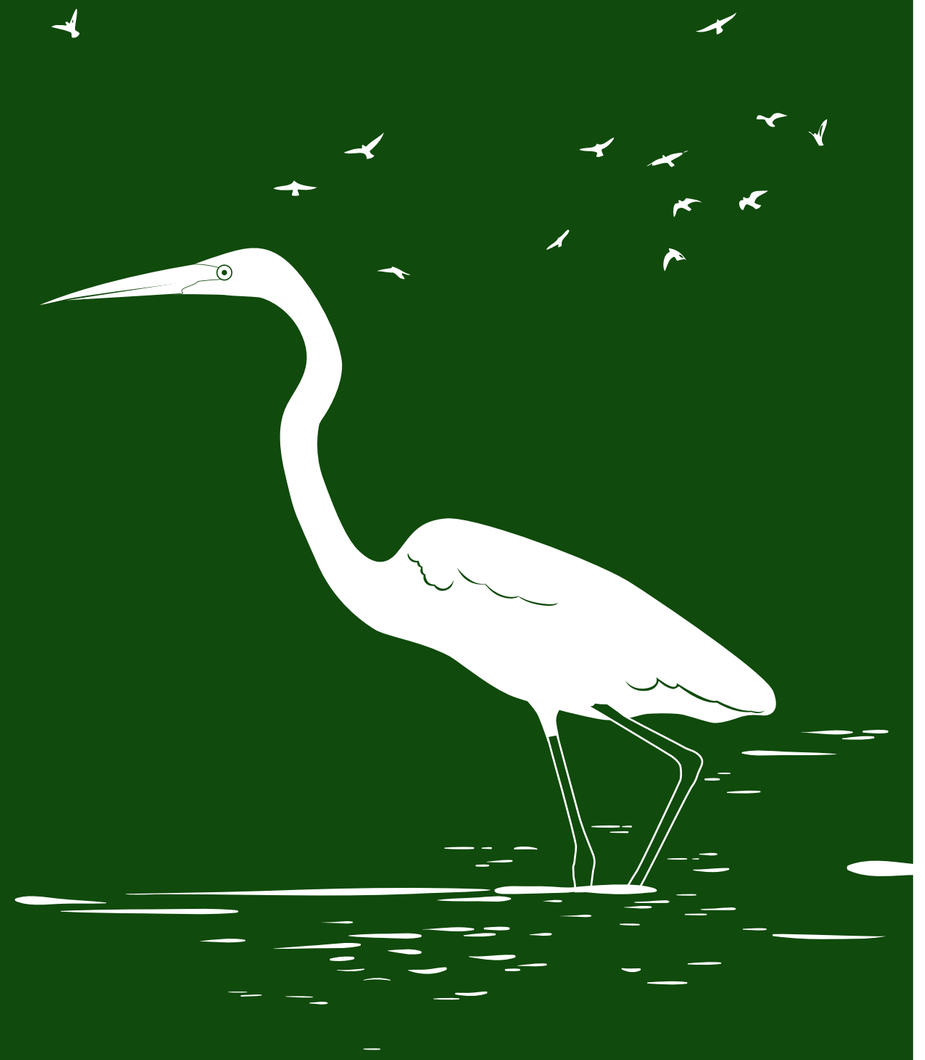
為甚麼需要監測水位變化？
Why do water levels need to be monitored?

水位管理是維持濕地功能的重要一環，因為不同的濕地物種對水位的要求都有所不同，因此適切地調整水位可以有效提升整體濕地功能。

水位傳感器透過物聯網，將最新數據傳送給濕地管理人員，方便進行水位調節。

Managing water levels is an important part of maintaining wetlands and keeping them in prime condition. Most wetland species are extremely sensitive to water levels, and adjusting them when appropriate improves our wetland function.

The water level sensor transmits latest data through the Internet of Things, giving wetland management staff useful information that informs and supports their water level adjustment decisions.



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掃描二維碼查看
水牛最新位置
Scan QR code to
check latest
buffalo location

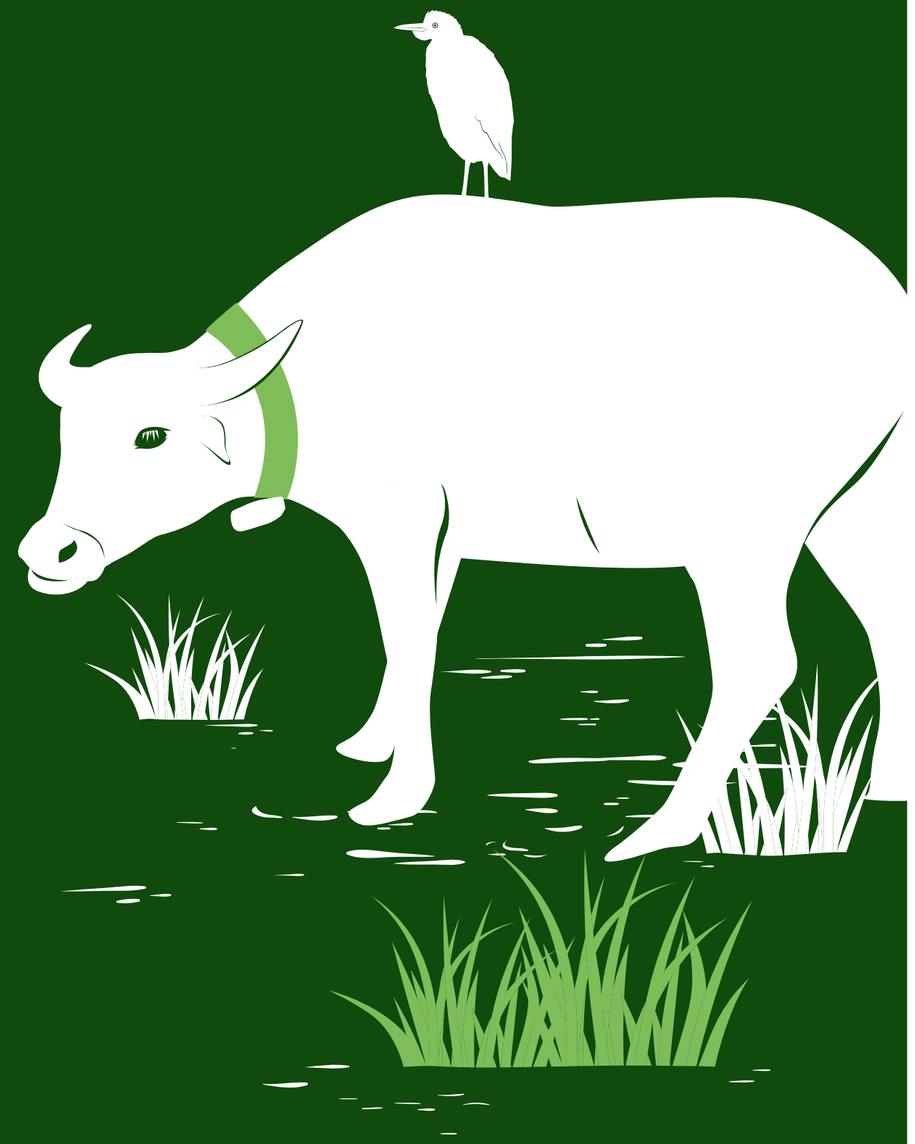
為甚麼需要監測水牛行蹤？
Why do buffalo locations need to be monitored?

水牛是「濕地工程師」，適當地放牧水牛能有效控制植物高度及營造微生境，吸引濕地動物前來棲息。

水牛頸圈上的追蹤器以全球定位技術監察水牛行蹤。最新的水牛位置可以經物聯網傳送給濕地管理人員，有助進行水牛日常護理及分析生境使用情況。

Buffaloes are Mai Po's "wetland engineers". The intensity of their grazing controls the height of wetland plants and creates micro-habitats that attract various wetland birds and animals.

GPS technology is employed to track water buffaloes by attaching a tracking device to their collar. Latest buffalo location data is transmitted via the Internet of Things, assisting staff to provide daily buffalo care and analyse how they use their habitat.



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掃描二維碼查看
最新水質數據
Scan QR code to
check latest
water quality data

為何需要監測水質？
Why does water quality need to be monitored?

水質對依賴濕地為生的生物十分重要，因為水質好壞會直接影響濕地的生物多樣性，所以水質監測是濕地管理的重要一環。

水質監測器透過物聯網持續收集數據，方便濕地管理人員了解水質最新狀況及變化，並在有需要時執行相應管理措施。

Good water quality is essential to the survival of wetland wildlife and has a direct impact on wetland biodiversity. Monitoring the quality of water at Mai Po is a key element of our wetland management strategy.

The water quality sensor continuously collects data and transmits it through the Internet of Things, allowing wetland management staff to monitor latest water quality conditions and implement any necessary management measures.

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