

配備自行設計採樣器的無人機 Drones with water sampling equipment

配備自行設計採樣器的無人機讓環保署調查人員能在難以進入或不安全的地點採集水樣本。它不僅可以執行空中任務,還可以在近海、難以到達和不安全的地點採集水樣本,以營造安全的工作環境。由環保署人員發明的 3D 打印水採本設備經過重複測試和修改。 為漏油事故及河流污染等緊急事件,從河流和海洋採集水樣本。

Drones with water sampling equipment enables Environmental Protection Department investigators to water samples at inaccessible or unsafe locations. Drones with water sampling equipment not only could carry out aerial tasks, but also could obtain water samples at off-shore locations, inaccessible and unsafe locations in order to enable a safe working environment. EPD invented and 3D printed water sampling equipment has been tested and modified repeatedly. It has collected samples from rivers and sea for emergency incidents such as oil spill and pollution in river, etc.

應用無人機提高執法效率 Use of drones to enhance enforcement efficiency

環保署自2020年起利用「無人機」和「微型嗅探傳感器」實時監測船舶廢氣排放,並以電腦分析船舶燃料的含硫量,令執法人員可更有效地對涉嫌違規的船隻採取行動。

EPD has made use of drones integrated with miniature sniffing sensor to monitor vessel emissions in real time since 2020. Together with computer analysis of sulphur content of vessel fuel, enforcement officers can take effective actions against vessels that are suspected of breaching relevant regulation.





