

Lingnan University SDG Report



With the resumption of travels post-COVID, OSL's signature Joint Humanitarian Technology Entrepreneurship Summer Academy 2023 took Lingnan students to various fieldwork sites in the Philippines to apply their innovative solutions to address community needs.

Collaborating with the host university, Batangas State University, students looked into how WaterScope®, a fieldwork water test kit designed and developed by Cambridge University, can be implemented in areas with water quality challenges. In the period of two weeks, the innovation team immersed themselves in the Badjao community in Barangay Malitam, Batangas, conducting in-depth interviews with healthcare officials and village leaders to explore and understand the pressing water quality needs in the community.

As piped water is unavailable in the Badjao community, water is owned by water retailers who then sell it to community members through siphoning or in-person sales. This presents a high risk of contamination as water is transported through various receptacles and channels before it eventually reaches the consumers.

Through this programme, Lingnan students conducted need assessment and facilitated the implementation of mature technology from Cambridge in underprivileged communities in Asia.



 **WaterScope**
Smart, simple water testing - for all.

<https://www.ln.edu.hk/osl/students/trailblazer-programme/joint-humanitarian-entrepreneurship-summer-academy/list-of-joint-humanitarian-entrepreneurship-summer-winter-academy/showcases-for-summer-academy-2023>

