

# NKUST

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## AIR QUALITY AND HEALTH WORKSHOP LAUNCHED IN NKUST TO BOOST PUBLIC AWARENESS

Energy Research Center and Safety, Health and Environmental Engineering Department launched [the Air Quality and Health Workshop](#).



## NKUST HELD 2021 INTERNATIONAL INTELLIGENT ROBOSPORTS CUP ONLINE

NKUST hosted the 2021 International Intelligent RoboSports Cup on Aug 7-8, inviting [students interested in robotics to attend the contest](#).

## COMMUNITY REVITALIZATION PROJECT COMPETITION IS OPEN TO REGISTER!

NKUST USR project team hosts Community Revitalization Project Competition, [which is open to register now](#).



## YOUR FUTURE STARTS HERE!

Are you ready to start your new school year? Although the threat of the COVID-19 pandemic is still lurking around every corner, we definitely will get through this together.





## NKUST Marine Debris Removal Project: Saving Penghu Waters

According to a report published by the Food and Agriculture Organization of the United Nations (FAO) and United Nations Environment Programme (UNEP) in 2009, there were at least 640,000 tons of **fishing gear abandoned** and lost at sea per year, **accounting for** 10 percent of marine debris.

An estimated 800,000 tons of **derelict** fishing gear (DFG) or ghost gear entered the ocean in 2018. Marine debris is a persistent threat to the ecosystem and wildlife of Penghu Island. In efforts to remove **marine debris**, Penghu County Government has **collaborated with** NKUST to remove DFG from nearby waters since 2018.

As of 2020, NKUST Marine Affairs Research Center (MARC) has removed a total of 240,000 meters of abandoned fishing nets.

Chinese Taipei Underwater Federation (CTUF) Chairman Tseng, Ying-Chu appreciated the staff of the project and said: "This project is not that easy. Project workers have to **dive** into the sea to remove abandoned fishing gears manually. Different **waters**, certainly, have different conditions and challenges for workers to deal with."

The project has touched a range of new attempts and is certainly a perfect example for future projects.



### Vocabulary

1. **Fishing gear** **n** 漁具
2. **abandoned** **a** 被廢棄的
3. **account for...** **v** (在數量上) 佔 + x %
4. **derelict** **a** 破舊的；廢棄的
5. **marine debris** **n** 海洋廢棄物 (海廢)
6. **collaborate with...** **v** 與...合作
7. **dive** **v** 潛水；下潛
8. **waters** **n** (某一海洋/國家的) 水域

Translated by Jess Lin