



15 LIFE ON LAND



University of Cyberjaya
SDGs Taskforce Committee



SDG 15 - Life on Land

Impact Report

2022 / 2023

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Promotion of conservation and sustainable utilisation of land

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Public forum on **Biodiversity, Climate Change** and **Sustainable Communities** was moderated by Prof. Dr. Ahmad Bin Ismail, President, Malaysian Academic Association Congress (MAAC) and included panelists, Dr. Dana Badang, Deputy Director General, Department of Minerals and Geosciences (JMG), Kelantan, Ministry of Natural Resources, Environment and Climate Change (NRECC), Dr. David Megintan, Chief Assistant Director of Zoological Parks Division, Department of Wildlife Protection and National Parks (PERHILITAN), Malaysia, Ministry of Natural Resources, Environment and Climate Change (NRECC), Mr. Ng Sean Fong, E-Media and Data Officer of the Conservation Division, Malaysian Nature Society and Datuk Mohd Noordin Abbas, Ex-Group Managing Director of Utusan Malaysia.



Biodiversity conservation

Herbarium collection

With one million animal and plant species are at risk of extinction according to U.N. Report, **herbarium collection** is an important record for future reference and information for **conservation**.

Herbarium workshop facilitated by Associate Professor Eric Tang Cher Hing, Botanist and Taxonomist and Director, **Centre of Foundation, Language and General Studies** was conducted for students from the **Faculty of Traditional and Complementary Medicine**.



Students learned the techniques of **collection** of varieties of **plant specimens** from the garden at University campus, pressing the specimens in a compactor, drying, and **mounting of specimens** on **herbarium sheet** and **labelling** according to taxonomy.



Biodiversity conservation

Pharmacognosy phytochemistry laboratory

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The pharmacognosy phytochemistry laboratory was developed by **Faculty of Pharmacy**. **Medicinal plant specimens** are preserved for identification and study purpose.



50

Total number of preserved specimens



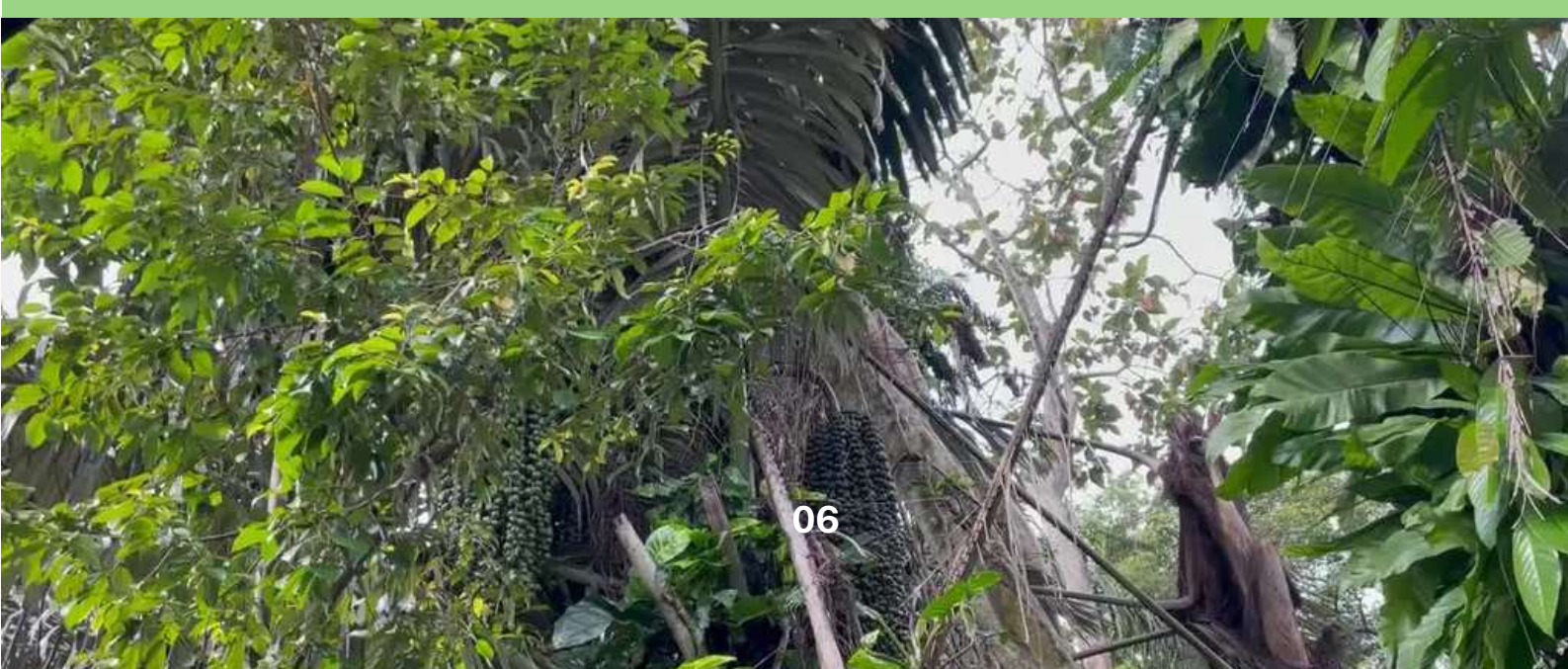
Educational programmes on ecosystem



The environmental volunteerism course offered for degree students conducts educational programmes on biodiversity and ecosystems. Students visited the **The Free Tree Society** and **Taman Tugu nursery**, urban forest park and sanctuary where biodiversity, **flora and fauna** are nurtured.



Students gained awareness and knowledge on the effects of human activities on the **ecosystem** and the importance of **conservation**, **rainwater harvesting**, **composting**, reducing **meat consumption** to reduce global warming.



Sustainable management of land

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Monoculture or monocropping farming is unsustainable due to the use of pesticides, reduces nutrients in the soil and can lead to deforestation. **Hydroponics** is a sustainable method of farming for urban communities reducing the utilisation of land for agriculture and incorporating technology.

Foundation programme students and lecturers visited **Urban Farm Tech**, a **hydroponics community farm** in Cyberjaya to learn about hydroponics.



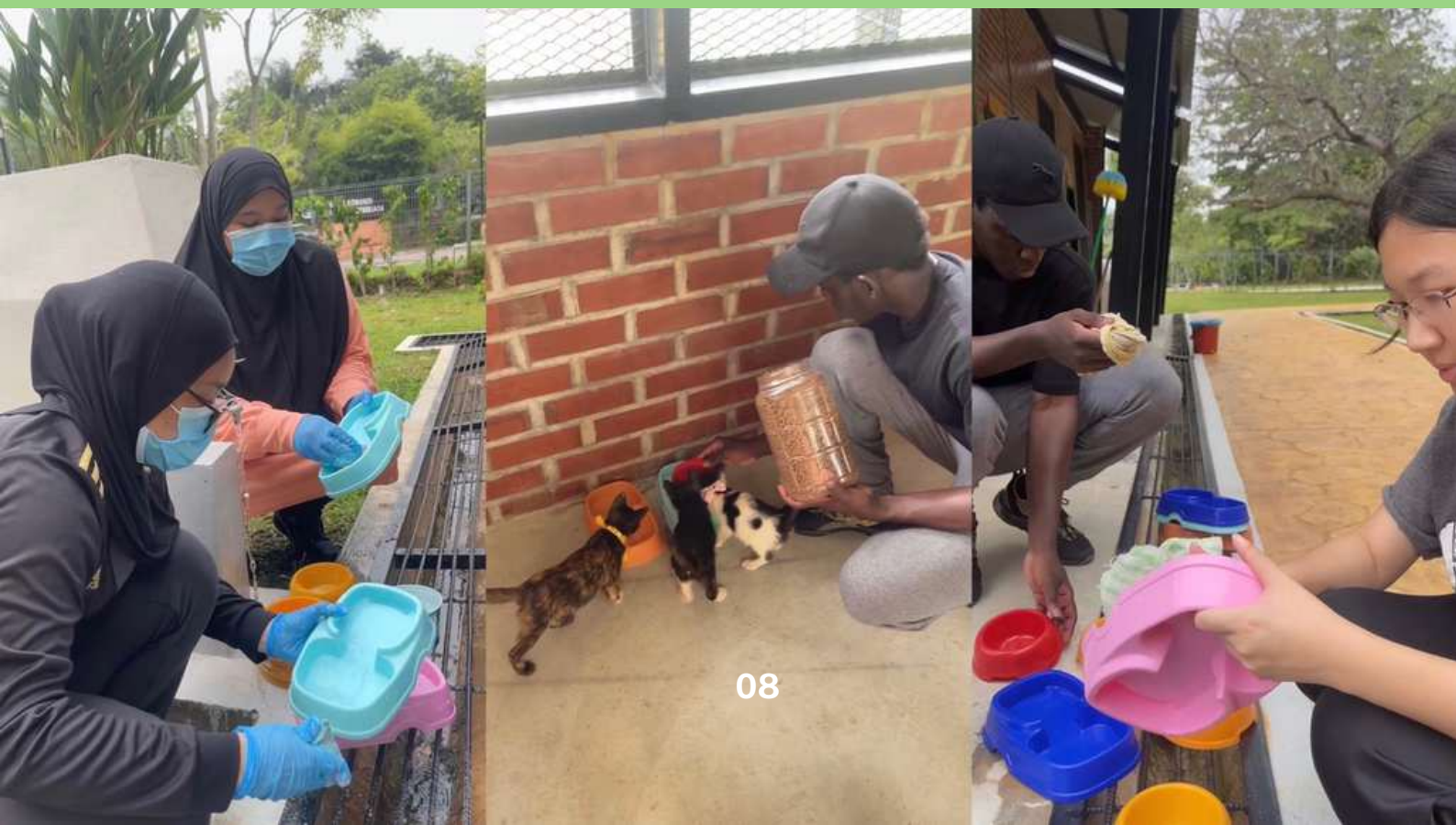
Animal welfare

Adopt, don't shop



Environmental volunteerism course students visited Taman Kucing Cyberjaya, Sepang and conducted survey on awareness of **animal cruelty, promote responsible pet ownership** and encourage people to **adopt from animal shelter**.

Students had hands-on experience with the rescued animals at the shelter, cleaned the animal cages and assisted with restocking food and drinks.





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