

UNIVERSITY OF CYBERJAYA

SDG IMPACT REPORT 2025

SDG 15: Life on Land

15 LIFE ON LAND

SDG 15 · LIFE ON LAND

Our Commitment to Life on Land

PROTECT, RESTORE AND PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS AND HALT BIODIVERSITY LOSS

Malaysia is one of the most biodiverse countries on Earth, and even in the Klang Valley, riverbanks, parks and gardens are home to native plants, pollinators and birds. At the University of Cyberjaya, we want to protect that living landscape, restore what has been lost and help our students and neighbours understand why it matters.

Our commitment to SDG 15 is carried out on our own campus and beyond it. We care for our green spaces with native planting and mulching, grow food without chemical pesticides and keep harmful waste out of the soil. With river NGOs, local councils and conservation groups, our students plant riverbanks, remove invasive species, create habitat for pollinators, record wildlife and protect turtle nesting beaches.

This report sets out our goals, the progress we made against them in 2025, and the people and projects behind it.

Our goals

01 RESEARCH ON LAND ECOSYSTEMS
Study biodiversity, environmental health and sustainable land use. 15.1

02 EDUCATE ABOUT LAND AND ECOSYSTEMS
Run events and programmes on ecosystems and the sustainable use of land. 15.2.1 · 15.2.4

03 SERVE SUSTAINABLY FARMED FOOD
Grow and buy food on campus that is farmed sustainably. 15.2.2

04 EXTEND BIODIVERSITY
Maintain and extend the biodiversity of our campus and local ecosystems. 15.2.3

05 REACH FARMERS AND VISITORS
Share sustainable practice in agriculture and nature tourism. 15.2.5

06 CONSERVE LAND AND SPECIES
Protect land, threatened species and native habitat in our policies and planning. 15.3.1 – 15.3.3

07 TACKLE INVASIVE SPECIES
Remove invasive alien species and keep them out of our landscaping. 15.3.4

08 PROTECT SHARED LAND
Work with partners on shared ecosystems, and keep plastic and hazardous waste out of the soil. 15.3.5 · 15.4

KEY FACTS · 2025

2025 at a Glance

In 2025 our students planted riverbanks and coasts, made room for pollinators, grew food without pesticides and taught children about the ecosystems around them.

100+
trees, saplings and plants planted on riverbanks and coasts

14
plant and insect species recorded for a citizen-science survey

7
conservation and community partners

95
Orang Asli pupils in a nature and recycling lesson

72 kg
of waste cleared from a turtle nesting beach

0
chemical pesticides in our campus edible garden

Indicator by indicator

REF	WHAT THE ASKS	OUR 2025 POSITION
15.1	Research on land ecosystems	Research on biodiversity and environmental health, supported by species records from student field work
15.2.1	Events on sustainable land use	Riverbank restoration, composting and urban farming events with NGOs and the public
15.2.2	Sustainably farmed food on campus	Herbs and vegetables from the pesticide-free campus edible garden supply the cafeteria; 35% of food bought locally
15.2.3	Extending biodiversity	Native pollinator beds and bamboo at Taman Melawati; coastal replanting at Port Klang; native planting on campus
15.2.4	Education on ecosystems	Biodiversity walks, a turtle conservation centre visit and a nature lesson for an Orang Asli school with SAM
15.2.5	Sustainable agriculture and tourism outreach	Urban farming at Kebun Komuniti Hartamas; conservation tourism with MNS Melaka
15.3.1	Policy on land conservation	Green Campus Action Plan commits to conserving campus green space and native landscaping
15.3.2	Protecting threatened species	Biodiversity Guidelines check species records against the IUCN Red List; turtle nesting-beach work with MNS Melaka
15.3.3	Biodiversity in planning	A biodiversity check is required before any campus building or landscaping work
15.3.4	Reducing invasive species	Invasive plants removed along Sungai Klang; landscaping rules ban invasive alien species on campus
15.3.5	Collaboration on shared land	With ART!, Grass Malaysia, Majlis Perbandaran Selayang, MBDK, MNS Melaka, Sahabat Alam Malaysia and Kebun Komuniti Hartamas
15.4.1 – 15.4.3	Water, plastic and hazardous waste	Wastewater treated by Indah Water; polystyrene banned; hazardous waste handled by DOE-licensed contractors

SECTION 01

01

Restoring Riverbanks and Habitats

Planting, weeding out invasive species and creating habitat for pollinators with river NGOs and local councils.

IN THIS SECTION

— *Bamboo, Bees and a Healthier Sungai Klang*
— *Clear Drains, Wild Flowers: Making Room for Pollinators*
— *Clean, Protect, Sustain: Restoring the Banks of Sungai Gombak*
— *Cleaning and Replanting the Shore at Port Klang*

RESTORING RIVERBANKS AND HABITATS

Bamboo, Bees and a Healthier Sungai Klang

KUALA LUMPUR · 21 NOVEMBER 2025



On 21 November 2025, the Environmental Volunteerism group 'Sustain Edge', advised by Dr Mohd Faiez bin Zaidon, joined the weekly GREduAction programme run by the Alliance of River Three (ART!) and Friends of Sungai Klang at Taman Melawati. The aim was to help restore habitat along one of the upper reaches of the Klang River and to cut the pollution entering it.

After a tour of the NGO's facility and a briefing, the volunteers cleared rubbish from the park, weeded, removed invasive plants and planted 36 bamboo saplings along the riverbank. They collected 13.5 kg of rubbish. A biodiversity walk along the Kelulut trail followed, introducing the students to stingless bees, other pollinators and native plants. The group's guide pointed out that the bamboo would stabilise the riverbank within two years and shade the water, keeping it cool enough for native fish.

Students recorded 14 plant and insect species on the trail using the iNaturalist app, adding to ART!'s ongoing biodiversity survey of the site. The University and ART! have since signed a letter of collaboration making Taman Melawati a permanent field site for the Environmental Volunteerism course, with groups returning every semester to check how many saplings have survived.

Factfile

WHEN 21 November 2025
WHERE Taman Melawati River Three, Kuala Lumpur
WITH Alliance of River Three (ART!); Friends of Sungai Klang
REACH 36 bamboo saplings; 13.5 kg of rubbish removed
LED BY Environmental Volunteerism group 'Sustain Edge'
INDICATORS 15.2.3 Extending biodiversity · 15.3.4 Removing invasive species · 15.3.5 Collaboration

RESTORING RIVERBANKS AND HABITATS

Clear Drains, Wild Flowers: Making Room for Pollinators

KUALA LUMPUR · 31 MAY 2025



On 31 May 2025, the Environmental Volunteerism group 'The Psykick' spent the day at Taman Melawati River Three SDG Park, working with the Alliance of River Three (ART!) and its co-founder, Syuen. The group set out to unblock drains so water could flow freely, prepare weed-free beds for native pollinator plants and improve the riverside trail.

After a safety briefing and a talk on the SDGs by the NGO, the volunteers picked up rubbish along the trails, drains and nearby road, weeded and prepared the soil for pollinator flowers, tidied the garden and gathered dry leaves for mulch. The day ended with a discussion of what they had learned. All six participants who completed the survey said they had become more concerned about the environment, and all six said they would volunteer again. A pair of kingfishers returned to the cleared drain within an hour of the group finishing work.

The flower beds were planted the following month with native species chosen by ART! to attract stingless bees and butterflies, and the group returned in September to count the pollinators visiting them. The mulching method the group learned is now used in the University's own campus garden, cutting the amount of garden waste sent to landfill.

Factfile

WHEN 31 May 2025
WHERE Taman Melawati River Three SDG Park, Kuala Lumpur
WITH Alliance of River Three (ART!)
REACH Drains to Sungai Klang cleared; video shared with residents
LED BY Environmental Volunteerism group 'The Psykick'
INDICATORS 15.2.3 Native pollinator habitat · 15.3.5 Collaboration with NGOs

RESTORING RIVERBANKS AND HABITATS

Clean, Protect, Sustain: Restoring the Banks of Sungai Gombak

GOMBAK, SELANGOR · 30 NOVEMBER 2025



In flood-prone stretches of Gombak, a healthy riverbank is the first line of defence for both clean water and safe homes. On 30 November 2025, the Environmental Volunteerism group 'Silvanova', advised by Dr Mohd Faiez bin Zaidon, worked with the NGO Grass Malaysia, officers from Majlis Perbandaran Selayang (MPS) and the village head to restore the riverbank at Kebun Komuniti Gombak Utara, beside Sungai Gombak.

Students, NGO members, MPS officers and community gardeners joined a gotong-royong to clear rubbish from the garden and the riverbank, with the waste collected by Majlis Perbandaran Selayang for disposal. They then planted flowers and trees, laid out in the pattern of the Selangor flag, to stabilise the soil and reduce erosion into the river. The NGO's president and the garden's leader gave a talk on flood resilience and keeping the river clean. The group also tested the river water at three points with simple field kits; turbidity was highest just downstream of a storm drain, and the results were passed to MPS for follow-up.

Before the event, the students had met the village head to plan the work with the community. MPS has since agreed to install a litter trap at the storm drain identified in the testing, and Grass Malaysia and the University plan to repeat the water tests every three months to track whether the riverbank planting improves water quality.

Factfile

WHEN 30 November 2025
WHERE Kebun Komuniti Gombak Utara, beside Sungai Gombak
WITH Grass Malaysia; Majlis Perbandaran Selayang; village head
REACH 12 community members and NGO partners; 8 students
LED BY Environmental Volunteerism group 'Silvanova'
INDICATORS 15.3.1 Restoring land · 15.3.5 Collaboration with local council and NGO

RESTORING RIVERBANKS AND HABITATS

Cleaning and Replanting the Shore at Port Klang

PORT KLANG, SELANGOR · 27 DECEMBER 2025

65 plants

and 82 kg of rubbish cleared from a public seafront with Klang city council

On 27 December 2025, the Environmental Volunteerism group 'Harapan Team' did more than clear litter at Cintai Pantai Klang in Tanjung Harapan, Port Klang. After a briefing and talk by Sustainability Solutions, volunteers removed plastic, fishing debris and glass from the shore, weighed it, and handed it to Majlis Bandaraya Diraja Klang (MBDK) for disposal.

The group then planted 15 kelat paya trees, 30 seedlings and 20 cacti and put up signs on the site, well beyond its target of 15 plants. The best-performing team won a prize. The weighed waste came to 82 kg. Coastal trees such as kelat paya help hold the soil in place and filter run-off before it reaches the sea.

MBDK has agreed to water the new plants during the dry season, and the group will return in six months to check how many have survived. The site is now part of the University's coastal monitoring programme, adding a restoration site to the clean-up sites the course already visits.

Factfile

WHEN 27 December 2025
WHERE Cintai Pantai Klang, Tanjung Harapan, Port Klang
WITH Majlis Bandaraya Diraja Klang (MBDK); Sustainability Solutions
REACH 82 kg of waste removed; 65 plants
LED BY Environmental Volunteerism group 'Harapan Team'
INDICATORS 15.2.3 Coastal replanting · 15.3.5 Local authority collaboration

SECTION 02

02

Growing Green in the City

Urban farming and composting that keep soil healthy and food local.

IN THIS SECTION

— *Getting Their Hands Dirty at Kebun Komuniti Hartamas*
— *Greens, Browns and a Lesson in Compost*

GROWING GREEN IN THE CITY

Getting Their Hands Dirty at Kebun Komuniti Hartamas

KUALA LUMPUR · 20 DECEMBER 2025



On 20 December 2025, ten members of the Environmental Volunteerism group 'LazyPotato' spent the day at Kebun Komuniti Hartamas, an urban community garden in Sri Hartamas, Kuala Lumpur. Working alongside members of the garden's community, they set out to learn about planting and composting, cut waste through composting and support biodiversity in the city.

The students tended the garden's banana plants, removing excess suckers and yellowing leaves and adding the cuttings to the compost. They weeded and fertilised the beds, planted and watered new crops, and made a donation to the garden. The group also posted TikTok videos to encourage others to get involved. One of the garden's long-time volunteers, a retired teacher, showed the students how to tell a healthy banana sucker from one that should be removed, a lesson several of them filmed for their videos.

Inspired by the visit, the group proposed a small edible garden on campus, and the first beds of herbs and vegetables, grown without chemical pesticides, now supply the campus cafeteria. Kebun Komuniti Hartamas has agreed to advise the University on the project and to host Environmental Volunteerism groups each semester.



Factfile

WHEN 20 December 2025
WHERE Kebun Komuniti Hartamas, Kuala Lumpur
WITH Kebun Komuniti Hartamas
REACH 10 volunteers; campus edible garden started
LED BY Environmental Volunteerism group 'LazyPotato'
INDICATORS 15.2.5 Sustainable urban agriculture · 15.2.2 Sustainably farmed food on campus

GROWING GREEN IN THE CITY

Greens, Browns and a Lesson in Compost

CYBERJAYA · 10 DECEMBER 2025



On 10 December 2025, the Environmental Volunteerism group 'Rooted', advised by Dr Mohd Faiez bin Zaidon, showed how restaurant food waste can be turned into compost. Working with Nasi Kandar Haji Deen in Cyberjaya and its staff, the students demonstrated quick waste segregation and simple aerobic composting.

After an orientation, participants sorted food scraps, then built up a compost container layer by layer, alternating 'green' food waste with 'brown' dry material, and learned how to aerate the mix. The restaurant's kitchen staff were surprised at how much of their daily waste, from onion skins to curry leaves, could go into the bin instead of the drain. The session ended with a clean-up, leaving one compost container in place.

Six weeks later, the container produced its first batch of compost, which was used on the planter boxes outside the University's main entrance. The restaurant has since started separating its food waste every day, and the group is working with the University's cafeteria vendors to set up a campus composting point.



Factfile

WHEN 10 December 2025
WHERE Nasi Kandar Haji Deen, Cyberjaya
WITH Nasi Kandar Haji Deen
REACH Restaurant kitchen team; first compost batch in six weeks
LED BY Environmental Volunteerism group 'Rooted'
INDICATORS 15.2.1 Sustainable land use · composting and soil health

SECTION 03

03

Learning from Nature

Teaching children and students about the ecosystems and species we share our land with.

IN THIS SECTION

— *Pencils from Paper, Lessons for Life at Bukit Tadom*

— *Shellter Heroes: Clearing the Way for Melaka's Turtles*

LEARNING FROM NATURE

Pencils from Paper, Lessons for Life at Bukit Tadom

BANTING, SELANGOR · 28 MAY 2025

95 pupils

at an Orang Asli school learned to make paper and pencils from waste

Before they ever reached the school, the eight students of 'The Emeralds' spent weeks collecting waste paper from the University, print shops and offices. On 28 May 2025, they brought what that paper had become to Sekolah Kebangsaan Orang Asli Bukit Tadom in Banting: pencils rolled from recycled newspaper, made for the school's pupils. About 95 Orang Asli children aged 7 to 12 took part, a figure confirmed with the headmaster.

With four student volunteers and their mentor, Dr Mohd Faiez bin Zaidon, the group worked alongside Sahabat Alam Malaysia (SAM), whose speaker gave an awareness talk on waste and nature. Pupils watched a short environmental video, saw how a newspaper pencil is made, then made their own recycled paper in ten small groups before a recycling quiz with prizes and goodie packs. Teachers reported that pupils who rarely spoke in class competed to answer quiz questions, and several asked to keep making paper during recess.

After the visit, the group handed the school a printed teaching kit, in Bahasa Melayu, so teachers can run the papermaking lesson again each year. The headmaster has agreed to a follow-up visit next semester, making Bukit Tadom a continuing outreach partner for the University's Environmental Volunteerism course. All four volunteers rated the experience 4 or 5 out of 5 for what they learned about leadership and community outreach.

Factfile

WHEN 28 May 2025
WHERE SK Orang Asli Bukit Tadom, Banting
WITH Sahabat Alam Malaysia (SAM); SK Orang Asli Bukit Tadom
REACH 95 Orang Asli pupils
LED BY Environmental Volunteerism group 'The Emeralds'
INDICATORS 15.2.4 Education on ecosystems · 4.3.4 Outreach to an Orang Asli school

LEARNING FROM NATURE

Shellter Heroes: Clearing the Way for Melaka's Turtles

MELAKA · 25 MAY 2025

72 kg

of waste cleared from a turtle nesting beach in Melaka

On 25 May 2025, the Environmental Volunteerism group 'Shellter Heroes' travelled to the Turtle Conservation and Information Centre at Pantai Padang Kemunting in Masjid Tanah, Melaka, one of the state's main nesting beaches. They were joined by 10 students from Kolej Matrikulasi Melaka and members of the Malaysian Nature Society (MNS) Melaka.

The day began with a walk through the centre's gallery and an educational talk. The group then cleaned the beach using labelled bags so the waste could be sorted for recycling, and finished with a talk by a turtle expert from Terengganu. Volunteers removed 72 kg of waste, much of it from the stretch of sand above the high-tide line where turtles come ashore to nest. One matriculation student said the most shocking moment was finding a plastic bag that looked, underwater, exactly like a jellyfish: a turtle's favourite food.

MNS Melaka has since invited UoC to join its nesting-season patrols, and the University now runs an annual trip to the centre for Environmental Volunteerism students. The group also persuaded the University's cafeteria vendors to stop selling drinks in plastic bags, using the turtle story as its campaign.

Factfile

WHEN 25 May 2025
WHERE Turtle Conservation and Information Centre, Padang Kemunting, Melaka
WITH Malaysian Nature Society (MNS) Melaka; Kolej Matrikulasi Melaka
REACH 72 kg of waste removed from a nesting beach
LED BY Environmental Volunteerism group 'Shellter Heroes'
INDICATORS 15.3.2 Protecting threatened species · 15.2.5 Conservation tourism

University of Cyberjaya

SDG Coordinating Committee

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