

UNIVERSITY OF CYBERJAYA

SDG IMPACT REPORT 2025

SDG 6: Clean Water and Sanitation

6 CLEAN WATER AND SANITATION

SDG 6 · CLEAN WATER AND SANITATION

Our Commitment to Clean Water and Sanitation

ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL

Clean water is something most of us on campus never have to think about. At the University of Cyberjaya, we want to use it carefully, return it to the environment clean, and help the rivers, lakes and coasts around us stay healthy for the communities that depend on them.

Our commitment to SDG 6 starts with how we run our campus. We measure the water we use, treat all our wastewater, harvest rainwater, fit water-saving fixtures and give everyone free drinking water. Beyond campus, our students restore riverbanks, clear drains and test water quality with river NGOs and local councils, and teach children the hygiene habits that protect their health.

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 WATER
Study water quality, sanitation and environmental health. 6.1

02 MEASURE AND REDUCE WATER USE
Track the water used across campus and bring consumption per person down. 6.2.1 · 6.2.2

03 TREAT AND PROTECT OUR WATER
Treat all wastewater and stop pollutants from reaching drains and waterways. 6.3.1 · 6.3.2

04 FREE DRINKING WATER FOR ALL
Provide free, safe drinking water across campus. 6.3.3

05 BUILD AND PLANT FOR WATER SAVING
Use water-saving building standards and drought-tolerant planting. 6.3.4 · 6.3.5

06 REUSE WATER WHEREVER WE CAN
Harvest rainwater and reuse water for irrigation and flushing, and measure how much. 6.4.1 · 6.4.2

07 PROTECT RIVERS WITH OUR NEIGHBOURS
Work with NGOs and local councils to restore rivers and protect water security. 6.5.1 · 6.5.3 · 6.5.5

08 PROMOTE CAREFUL WATER USE
Encourage careful water use on campus and in the wider community. 6.5.4 · 6.5.6 · 6.5.7

KEY FACTS · 2025

2025 at a Glance

In 2025 we measured and cut our water use, reused rainwater, and worked with river NGOs and local councils to keep rubbish out of rivers, lakes and the sea.

17.9 m³
of water used per person on campus in 2025

100%
of campus wastewater treated before it is released

8,900 m³
of rainwater harvested and reused

24
free drinking-water stations across campus

500+ kg
of rubbish kept out of rivers, lakes and the sea

36
bamboo saplings planted along Sungai Klang

Indicator by indicator

REF	WHAT THE ASKS	OUR 2025 POSITION
6.1	Research on water	Research on water quality, sanitation and environmental health in environmental and occupational health
6.2.1, 6.2.2	Water use tracking; use per person	Metered monthly by Facilities; 98,400 m³ in 2025, or 17.9 m³ per person for a campus of 5,500
6.3.1	Wastewater treatment	All campus wastewater treated through the Indah Water regional sewerage system
6.3.2	Preventing water pollution	Grease traps at every food outlet, oil interceptors in car parks, and licensed disposal of laboratory waste
6.3.3	Free drinking water	24 free filtered drinking-water stations across campus
6.3.4	Water-conscious building standards	Dual-flush cisterns and sensor taps in all 32 toilet blocks; low-flow fittings in new works
6.3.5	Water-conscious planting	Drought-tolerant native planting and mulching, cutting garden watering by 30%
6.4.1, 6.4.2	Water reuse policy and measurement	Campus Water Management Policy requires reuse; 8,900 m³ of rainwater reused for irrigation and flushing
6.5.1	Water management education	Free river-care and water-testing sessions with ART! and Grass Malaysia, open to residents
6.5.3	Off-campus water conservation	Riverbank planting on Sungai Gombak and Sungai Klang; drains to Sungai Klang cleared
6.5.4	Sustainable water extraction	No groundwater extraction; mains supply from Air Selangor, supplemented by rainwater harvesting
6.5.5	Cooperation on water security	Water testing with Grass Malaysia and Majlis Perbandaran Selayang; river monitoring with ART!
6.5.6, 6.5.7	Promoting careful water use	Save-water campaigns on campus; river-care videos shared with Taman Melawati residents

SECTION 01

01

Protecting Our Rivers

Restoring riverbanks, clearing drains and testing water with river NGOs and local councils.

IN THIS SECTION

— *Clean, Protect, Sustain: Restoring the Banks of Sungai Gombak*
— *Bamboo for the River: Protecting Sungai Klang at Its Source*
— *Unblocking the Drains, Letting the River Breathe*

PROTECTING OUR RIVERS

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 6.5.5 Cooperation on water security · 6.5.3 Off-campus water conservation support · 6.5.1 Water management education

PROTECTING OUR RIVERS

Bamboo for the River: Protecting Sungai Klang at Its Source

KUALA LUMPUR · 21 NOVEMBER 2025



The upper reaches of Sungai Klang at Taman Melawati are where the river's health begins. 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 to reduce the pollution entering the river and restore the habitat along its banks.

After a tour of the NGO's facility and a briefing on how litter and runoff travel downstream, the volunteers cleared rubbish from the park, removed invasive plants and planted 36 bamboo saplings along the riverbank, where their roots will hold the soil and filter runoff before it reaches the water. They collected 13.5 kg of rubbish that would otherwise have washed into the river. A biodiversity walk on the Kelulut trail showed how healthy river corridors support pollinators and native plants. ART! volunteers showed the students how they monitor the river using dissolved-oxygen and pH readings, and the group recorded readings at two points for ART!'s ongoing log.

The University has since become a regular partner in ART!'s river-monitoring programme, with each Environmental Volunteerism cohort adding to the water-quality record. The group's fundraising booth on campus raised RM408 to support the work.

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 6.5.3 Off-campus water conservation support · 6.5.5 Cooperation on water security · 6.5.1 Water management education

PROTECTING OUR RIVERS

Unblocking the Drains, Letting the River Breathe

KUALA LUMPUR · 31 MAY 2025



Blocked drains do more than cause floods: they send rubbish and polluted water straight into rivers. On 31 May 2025, the Environmental Volunteerism group 'The Psykick' spent the day at Taman Melawati River Three SDG Park with the Alliance of River Three (ART!) and its co-founder, Syuen, clearing drains so that water could flow freely to Sungai Klang.

After a safety briefing and a talk on the Sustainable Development Goals, the volunteers picked up rubbish along the trails, drains and nearby road, then weeded and prepared beds for native pollinator plants and collected dry leaves for mulching, which helps soil hold moisture and reduces the need for watering. Every participant who completed the post-activity survey said they had become more concerned about the environment and would volunteer again. Clearing the main drain behind the park removed an estimated 20 kg of leaves, plastic and sediment, and water was flowing freely again by the end of the morning.

The group made a short video on how household rubbish blocks drains and pollutes rivers, which ART! now shares with residents of Taman Melawati in its community WhatsApp groups. The mulching method has also been adopted in the University's campus landscaping to cut the water used on its garden beds.



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 6.5.7 Promoting conscious water use in the community · 6.5.3 Off-campus water conservation support

SECTION 02

02

Clean Lakes and Coasts

Keeping rubbish out of Cyberjaya's lake and off the Sepang coast, and giving councils the data to stop it at source.

IN THIS SECTION

— *Green Reboot: A Cleaner Lake Garden for Cyberjaya*
— *Caring for Cyberjaya's Shared Lake*
— *From River to Sea: 450 Kilograms Kept Out of the Water at Bagan Lalang*

CLEAN LAKES AND COASTS

Green Reboot: A Cleaner Lake Garden for Cyberjaya

CYBERJAYA · 26 MAY 2025



On 26 May 2025, the Environmental Volunteerism group '7 Eleven', advised by Mr Mohd Faiez bin Zaidon, spent the morning clearing litter around the lake garden at Taman Tasek Cyberjaya, one of the city's main public parks. The waste was separated on site, and the recyclables were delivered to the Cyberjaya Recycling Centre rather than sent to landfill. The group weighed every bag before drop-off: 38 kg in total, 21 kg of it recyclable plastic, cans and paper.

In the afternoon, the group moved to room R107 on campus for an upcycling workshop, where participants turned old T-shirts into shopping bags and worn cooler bags into pouches and cases, alongside a short talk on textile waste. Each participant left with a bag they had made themselves, and the T-shirt bag pattern was shared on the University's student portal so others could follow it.

Keeping a shared public space clean is a joint effort between residents, institutions and the city. The group's waste figures were passed to the University's facilities office and added to the campus waste and recycling log, and were also shared with Majlis Perbandaran Sepang to help it plan bin placement around the lake garden.



Factfile

WHEN 26 May 2025
WHERE Taman Tasek Cyberjaya and campus
WITH Cyberjaya Recycling Centre
REACH 38 kg of waste removed, 21 kg recycled
LED BY Environmental Volunteerism group '7 Eleven'
INDICATORS 6.3.2 Preventing water pollution · 6.5.7 Conscious water use in the community · 11 Public spaces

CLEAN LAKES AND COASTS

Caring for Cyberjaya's Shared Lake

CYBERJAYA · 21 NOVEMBER 2025



Taman Tasik Cyberjaya is one of the city's most used public spaces, where residents walk, jog and bring their families every weekend. On 21 November 2025, eleven students from Young Mercy Group 1, supported by Majlis Perbandaran Sepang (MP Sepang) as sponsor, spent the day cleaning it in two phases: three and a half hours on the lake's central island, then two and a half hours along the Cyberjaya Lakefront.

The students collected six bags of waste: two of dry leaves, two of plastic and two of paper, with no hazardous waste found. Between phases, they interviewed park users about litter and how they would like the park to be looked after, and turned the interviews into montage videos for a social-media campaign of around 50 posts. The interviews pointed to two litter hotspots: the jetty on the central island and the food-truck area by the lakefront, where bins overflow at weekends.

The group shared a map of the two hotspots with MP Sepang, which has since added bins and a weekend collection at the lakefront food-truck area. The group also made a donation to Pusat Jagaan Al-Fikrah Malaysia, extending the day's work beyond the park.



Factfile

WHEN 21 November 2025
WHERE Taman Tasik Cyberjaya and Cyberjaya Lakefront
WITH Majlis Perbandaran Sepang
REACH Six bags of waste; two litter hotspots mapped
LED BY Young Mercy Group 1
INDICATORS 6.3.2 Preventing water pollution · 6.5.5 Cooperation with local authorities · 11 Public spaces

CLEAN LAKES AND COASTS

From River to Sea: 450 Kilograms Kept Out of the Water at Bagan Lalang

SEPANG, SELANGOR · 21 DECEMBER 2025



Much of the rubbish that ends up on Malaysia's beaches begins its journey in rivers and drains. On 21 December 2025, the Environmental Volunteerism group 'Penyu Society' organised the largest clean-up in the University's 2025 records at Pantai Bagan Lalang, Sepang, together with the NGO Sustainability Solutions and corporate volunteers from Serimax Welding Services (M) Sdn Bhd.

After a briefing on the different types of debris, the volunteers cleared the shore, including discarded fishing nets, and weighed 450.6 kg of rubbish. An environmental talk explained how foreign debris and river-borne waste wash up on this coast, and the threat this poses to horseshoe crabs and other wildlife. The NGO's sorting showed that more than 60% of the plastic came from inland sources such as drains and rivers, not from beach visitors.

That finding led the group to share its data with the Sepang municipal council, recommending litter traps on the drains that flow into the sea near Bagan Lalang. Serimax has since agreed to make the clean-up an annual company volunteering day with the University. The group shared the day on Instagram to encourage the public to keep rubbish out of drains and waterways.



Factfile

WHEN 21 December 2025

WHERE Pantai Bagan Lalang, Sepang

WITH Sustainability Solutions; Serimax Welding Services

REACH 450.6 kg of rubbish removed

LED BY Environmental Volunteerism group 'Penyu Society'

INDICATORS 6.3.2 Preventing water pollution · 6.5.7 Promoting conscious water use in the community · 6.5.5 Cooperation

SECTION 03

03

Water, Hygiene and Health

Teaching children the hygiene habits that keep water-borne illness away.

IN THIS SECTION

— *Clean Hands, Strong Bodies at Rumah Bakti Nur Ain*

WATER, HYGIENE AND HEALTH

Clean Hands, Strong Bodies at Rumah Bakti Nur Ain

BANGI · 7 DECEMBER 2025



On 7 December 2025, eleven students from Young Mercy Group 8 visited Rumah Bakti Nur Ain in Bandar Baru Bangi to run 'Nurturing Health, Shaping Future!' for 25 children and their 4 caregivers. The programme set out to teach hygiene, nutrition and self-care, and to support the children's emotional and social growth.

After an ice-breaker, the students gave a health talk on handwashing, healthy eating and looking after yourself, followed by a pop quiz. A Zumba session and team games got everyone moving, and the day ended with a shared meal. Before the talk, only 9 of the 25 children could name the five steps of handwashing; by the end of the quiz, 22 could.

The group installed a handwashing poster above each sink in the home, and the caregivers have added a weekly 'health corner' session using the materials the students left behind. It was the University's third visit to Nur Ain in 2025, part of a growing relationship with the home.

Factfile

WHEN 7 December 2025
WHERE Rumah Bakti Nur Ain, Bandar Baru Bangi
WITH Pusat Jagaan Rumah Bakti Nur Ain
REACH 25 children
LED BY Young Mercy Group 8
INDICATORS 6.5.7 Promoting good water and hygiene practice in the community · 3.3.2 Health outreach

University of Cyberjaya

SDG Coordinating Committee

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