



Wetlands Arboretum Centre

GAMUDA COVE



Newsletter

GAMUDA PARKS
A BETTER ENVIRONMENT FOR OUR FUTURE
AUG EDITION

Towards a collaborative solution

Located adjacent to Paya Indah Discovery Wetlands, the 90-acre Wetlands Arboretum, a biodiversity placemaking initiative at Gamuda Cove will host riparian specimens to emulate the nearby wetlands ecosystem.

As a national biodiversity asset, it aims to encourage collaborative efforts among environmentalists and the general public to fight climate change and foster education and biodiversity research.

Conservation efforts at Wetlands Arboretum

6500
trees introduced

approx. **3000**
trees targeted to preserve

>200
protected species introduced

Learning the difference

conservation

VS

preservation

VS

rehabilitation

Conservation is the careful maintenance and upkeep of a natural resource to prevent it from disappearing.

Preservation protects the environment from harmful human activities.

Environmental rehabilitation means restoration of disturbed areas and seeks to reverse negative environmental impacts.



Beyond design

The role of landscape architecture in combating, mitigating, and adapting to climate change explores the concept of healthy and resilient cities which shapes a dominant narrative to recognise landscape architecture as more than an added aesthetic value to human-made component; empowering the role with powerful planning and design decision-making.



Wetlands Arboretum Centre

Set to be the first net-zero carbon building in Malaysia accredited by Excellence in Design for Greater Efficiencies (EDGE), it serves as a welcome pavilion to visitors. As a Knowledge Centre, self-learning experiences like plant science and wetlands conservation is hosted here.

University Engagement

Gamuda Parks puts focus on bridging the knowledge gap where collaboration between universities and businesses can help our conservation efforts. By working together, higher education institutions and businesses can come up with new solutions to mitigate and reverse environmental issues.

That could mean developing new commercially-viable technology and incorporating academic insights to invent new efficient solutions.

"Unlike parks and recreation areas, the arboretum has an educational aspect to it. One of the main attractions of the Wetlands Arboretum is the wide variety of plant life on display. It is a collection of trees and vegetation, some of which are very rare," Lee said.



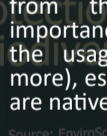
Lee, Landscape Architect
Wetlands Arboretum

Research-based educational content

The educational materials and content displayed at the Wetlands Arboretum Centre is jointly curated in partnership between Gamuda Parks and University Malaya.

"The Wetlands Arboretum Centre will display specimens of plants that are specialised for peat swamp habitats. The community can benefit from the knowledge on the importance of each species (such as the usage, medicinal values and more), especially since these species are native to Malaysia.

Source: EnviroSolutions & Consulting Sdn Bhd (ESC), (2019, September), Biodiversity Assessment for Gamuda Cove, Selangor, Gamuda Land.



Dr Nurul Ashikin Abdullah,
Faculty of Science's Institute of Biological Sciences senior lecturer



Food compost nutrient lab test



Through a lab test to study the nutrient content of food waste compost collected from Menara Gamuda by UniKL in practice of circular economy, the findings assisted us to justify its practical usage for landscape in townships.

Water quality improvement



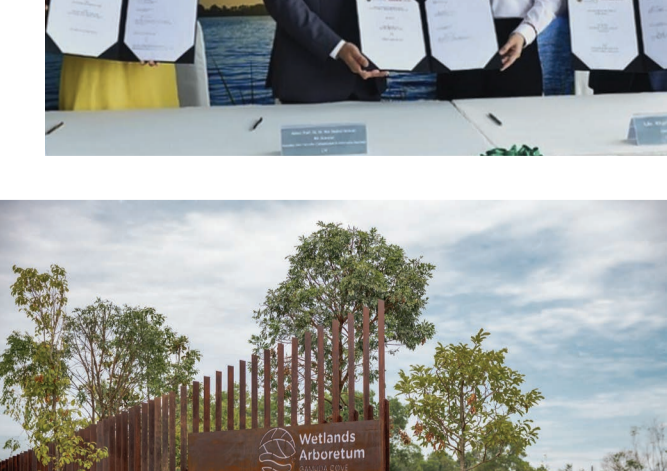
WKM water quality research is being conducted by UKM to study the water quality of a natural wetland at Paya Indah Discovery Wetlands as a site context to Wetlands Arboretum.



MOU signing

Gamuda Land signed a memorandum of understanding (MOU) with Universiti Malaya (UM) and Universiti Kebangsaan Malaysia (UKM), and a memorandum of collaboration (MOC) with Universiti Kuala Lumpur (UniKL), at Gamuda on July 27 2022.

Collaborations with research partners lead to joint research projects, leveraging resources and expertise towards both diversity and common goals towards long-term biodiversity and sustainable landscape management.



Entrance of Wetlands Arboretum Centre



Engagement with community of Kampung Orang Asli Pulau Kempas

stay tuned for more updates...

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