ECO-URBANISM PLANNING USING BIOINDICATORS (BIRDS & FISH)

Date : 16 & 17 April 2024
Venue : Johor Bharu (TBC)
Trainer : Dr. Casey Ng

OVERVIEW

The Malaysian National Urbanisation Policy has set standards of 2 hectares of green space per 1000 people by the year 2020. However, the use of green spaces to improve urban environmental and ecological values is still not evident. For example, non-native species of plants and trees are still widely planted, and the retention ponds in urban areas end up being notorious mosquito habitats. Many new townships that claim to be "eco-friendly" could not scientifically demonstrate benefits to the local wildlife on land and in water.

This course shows how urban landscapes and townships can be planned and re-adapted for "eco-urbanism," or green infrastructure that supports biodiversity enrichment, carbon capture, microclimate cooling, water sensitivity, outdoor environment education, and other sustainable elements. The emphasis is on providing a tangible grass-roots method of using birds and fish as bioindicators to guide, plan, and measure the "eco-friendliness" of the targeted urban landscapes and townships.

OBJECTIVES

- National policies and standards that calls for eco-urbanism.
- Types of green spaces in the context of urban landscapes.
- Bird and fish diversity in Malaysia and how to identify the species.
- How can bird and fish species be used to plan for eco-urbanism and measure the "eco-friendliness" of townships or districts?
- Discourse: Case studies

Click to register

REGISTER NOW

WHO SHOULD ATTEND?

- Property/township developers.
- Town planning professionals.
- Landscape architects.
- EIA / SIA consultants.
- District and municipal council officers.
- Social, cultural and human demographic assessors.
- Environment and social NGO activists

TRAINING FEE:

- Member = RM1300
- Non-Member = RM1600
- New Individual Membership + Training Fee = RM1450
- HRDC Claimable + Member = RM1400
- HRDC Claimable + Non-Member = RM1800
- HRDC Claimable + New Individual Membership + Training Fee = RM1550

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TRAINER INFORMATION

Dr. Casey Ng, 55, is a scientist with academic qualification of engineering, architecture and biological sciences. He has more than 20 years' experience in designing, planning and executing projects pertaining to eco-urbanism approach.

Casey is interested in the interactions between atmospheric, terrestrial and aquatic systems in supporting the stability of cultural socio-economic activities and decarbonizing the Malaysian economy. He sees himself as a bridge of sort between the new and old, development and conservation, cutting edge technology and traditional wisdom.

TRAINING PROGRAMME

Day 1

8:00 am : Registration
9:00 am : What is eco-urbanism relevance to Malaysian national policies?
10:30 am : Tea break
11:00 am : What are biodiversity and bioindicators?
12:30 pm : Lunch break
1:30 pm : Fish & bird as aquatic and land bioindicators?
3:30 pm : Tea break
4:00 pm : Fish & bird taxonomy and identification.
5:30 pm : Q&A Session, End of Day 1

Day 2

8:00 am : Registration
9:00 am : Eco-urbanism planning and implementation steps
10:30 am : Tea break
11:00 am : Case Practice 1
12:30 pm : Lunch break
1:30 pm : Case Practice 2
3:30 pm : Tea break
4:00 pm : Case Practice 2 discussions
5:30 pm : Q&A Session, End of Day 2

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