Transforming THE ROLE OF SURAU APIUM FOR CAMPUS SUSTAINABILITY THROUGH ‘IMARAH GREEN PROJECT

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Co-researchers:
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PROJECT CORE AREA:
CA07 EDUCATION MANAGEMENT - ENVIRONMENT & CLIMATE CHANGE

Ensure accessibility and sustainable management of water and sanitation for all

Ensure access to affordable, reliable, sustainable and modern energy for all

Ensure sustainable consumption and production patterns

Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, inclusive and responsive institutions at all levels

Take urgent action to combat climate change and its impacts
Introduction

Imarah Green Project: Surau APIUM under the purview of UM Living Labs Grant Programme (UMLLGP) advocates eco-mosque concept and green practices among campus community in UM. Throughout this project, the researchers have implemented systematic data collection for the GHGs reduction as outlined by the UM EcoCampus Blueprint through measuring the reduction of water consumption in the Surau, quantifying total recyclable material (papers, plastics, aluminium) recycled (through APIUM Recycling Centre), total textiles and clothes recycled (through Lestari Shop), and increasing numbers of planted vegetation in the Surau APIUM’s surrounding.

To highlight Surau APIUM as an eco-model to be replicated by other mosques in the outside community.

Employing cultural translation of pro-environmental behaviour from the Quran and Sunnah teachings.

Empowering Imarah Eco-Friends as champions for sustainability practices through capacity building & community engagement.
KPI ACHIEVEMENTS (JAN - JUNE)

1. GREEN PRACTICES ACHIEVEMENT

<table>
<thead>
<tr>
<th>MONTHS</th>
<th>RWHS METER READING</th>
<th>AMOUNT OF WATER USED</th>
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</thead>
<tbody>
<tr>
<td>JAN</td>
<td>0040877</td>
<td>16m³</td>
</tr>
<tr>
<td>FEB</td>
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<tr>
<td>MAY</td>
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</tbody>
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2. CAPACITY BUILDING

2.1 MENTOR MENTEE IEF:

IEF Leadership Training Workshop
Date: 17.2.2021
No. of participants: 13 IEF

2.2 SUSTAINABILITY TALK & WEBINAR

Date: 5.2.2021
Speaker: Dr. Asmawati Muhamad
Successful story of Imamah Green Project Integration of Islam & Sustainability Science

Date: 25.2.2021
Speaker: Aishah Hassan (Master’s candidate UM)
Talk on consequences of microplastic to environment and marine life

Date: 29.01.2021
Speaker: Prof. Dr. Zukithfi
Water conservation during ablution (wudu/huk), recycling & Lestari shop etc

Date: 12.02.2021
Speaker: Dr. Nurul Husna Mansor
Sharing on Eco-da’i (integration of dawah & sustainability) Interaction between human & nature

Date: 30.3.2021
Speaker: Dr. Mohamad Azilen
Objective Eco-suruu Project at Residential Colleges UM

Date: 5.3.2021
Speaker: Dr. Ali Henshaf Norsid
Sharing of Imamah concept & sustainability

Date: 8.4.2021
Speaker: Dr. Asmawati Muhamad
Objective: How to make Surau more clean and eco-friendly
1. Eco-mosque Induction workshop
2. Webinar Eco-mosque practices

4. COMMUNITY ENGAGEMENT


- ZERO WASTE CHALLENGE (3 weeks)
  A challenge to encourage public participation on recycling at home by collecting recyclable material and sell them to the nearest recycling centre
- No of participants: 15

12.3.2021 RWHS Maintenance

- No of participants: 5

24.3.2021 Gotong-rotyong Backyard Surau APIUM

- No of participants: 3 cleaners & RA

26.3.2021 Recycling of Used Cooking Oil Campaign

(ON-GOING)

- Bring 1L used cooking oil will get 1 preloved item for free
- Total Income : RM1282.00
- Used Cooking Oil collected : 20.6 kg
- No of participants : > 80

25.4.2021 Eco Bazaar@Masjid

- Sell collected preloved Hari Raya clothes and accessories.

- Total Recyclable in RM: 798.92
- Total Recyclable in kilogram (kg) : 543.1 kg
Environmental awareness Campaign with Islamic content (Pamphlet, Poster, Video, IEF FB & IG)

**RESEARCH**

- 25.12.2020: Pamphlet water conservation initiatives at surau APIUM
- 14.3.2021: Sharing via video (IEF) - Used cooking oil
- 22.4.2021: Earth Day, (Poster @FB IEF)
- 5.12.2020: World Soil Day, (Poster @FB IEF)
- 20.12.2021: Sharing via video (IEF) - E-waste
- 2.5.2021: Make Gardening Easier: Capsicum Annum (chilli)
- 25.4.2021: Pamphlet Lestari Shop Promotion
- 6.12.2020: Make Gardening Easier: Tips & tools (video) - Self-watering system at home
- 23.5.2021: Make Gardening Easier: Tips & tools (video) - Begonia Rose
- 6.6.2021: Make Gardening Easier: Tips & tools (video) - Onion and Garlic

**OUTPUT**

- 14.3.2021: Sharing via video (IEF) - Used cooking oil
- 22.4.2021: Earth Day, (Poster @FB IEF)
- 5.12.2020: World Soil Day, (Poster @FB IEF)
- 20.12.2021: Sharing via video (IEF) - E-waste
- 31.3.2021: 3R Practice, (Poster @FB IEF)
- 1.3.2021: The Virtue@LS Sell pre-loved item through online platform (IG IEF)
- 31.3.2021: The Virtue@LS Sell pre-loved item through online platform (IG IEF)
- 5 SOLD = RM 39
5. NETWORKING/LINKAGES

6. PUBLICATIONS

- Chapter in a Book:
  - Title: Embracing Campus Sustainability through Imarah Green Project, in Mohammad Hashim Kamali (ed.), Islam and Ecological Sustainability: Kuala Lumpur: IAIM, Aswawati Muhamad, Sumani Yusoff Mohd Yakub @ Zulkifli Bin Mohd Yusoff, & Zeeda Fatimah Mohmad
  - Title: Pelestarian Alam Sekitar Dalam Konteks Dakwah, Abdul Aziz Reikan; Pendidikan Islam dan Pembangunan Lestarri - 2021, Kuala Lumpur: Penerbit Universiti Malaya:Nor Aishah Abu Hassan, Aswawati Muhamad, & Niphahah Paad

- Newspaper: Willayah Ku, released on 1 Jun 2021, pg. 7. Title: Inspirasi Fesyen Lestari berasakan Panduan Wahyu Penulis: Dr Aswawati & Dr: Nurul Husna

- Newspaper: Kosmo! K2, Released on 22 April 2021. Title: Surau guna teknologi hijau lestari akan ke sektor Wartawan: Mohd. Syazwan Yusop

7. POLICY PAPER/GUIDELINES

8. OTHERS (MoU)

- 22.3.2021 Meeting JAWI:
  - JAWI has agreed to proceed with the MOU signing.
  - 4 Jun 2021 - Draft MoU UM-JAWI has been approved by the Legal Unit UM. Waiting for final approval from JAWI (Jabatan Peguam Negara)