

Model for Livelihood development through landscaping and conservation in Kavutharimunai, Pooneryn.

Zoological Students' Association (ZSA)
Department of Zoology
Faculty of Science
University of Jaffna



Title of the Project: Model for Livelihood development through landscaping and conservation in Kavutharimunai, Pooneryn.

Grant Ref: SGP Grant Project – SRL /SGP/OP6/STAR/BD/2018/04

Duration: 2018-2021

Amount: 35000 USD

Implementer: Zoological Students' Association (ZSA) Department of Zoology Faculty of Science University of Jaffna

Funded: Global Environmental Facility (GEF) Small Grants Programme (SGP) United Nations Development Programme (UNDP) OP6

Background

- First of such kind of large projects by the ZSA

Activities planned:

- **Improve the landscape and seascape of one of the most vulnerable areas in the Northern Province**
- **Livelihood development**
- **Integration of existing organizations and institutions**
- **Eco tourism development – which was later dropped**
- **Development of research and field study facilities at the University of Jaffna**

Project Outcome : At-least 50 ha of coastal area in Kavutharimunai, Pooneryn environmentally restored

- **Output 01:** At-least one transitional mangrove nursery set up at Department of Zoology, UOJ
 - Obtaining training from a mangrove specialist on setting up the mangrove nursery
- **Output 02:** Establish 25-50 ha small mangrove forest in Kavutharimunai, Pooneryn
 - Conducting at-least 3 awareness programmes for the public and stakeholders on the project activities
 - Restoring 25000- 40000 mangrove plants at the selected site in Kavutharimunai



02. Restoration of Mangroves at Kavutharimunai (05.04.2019 to 21.04.2019)

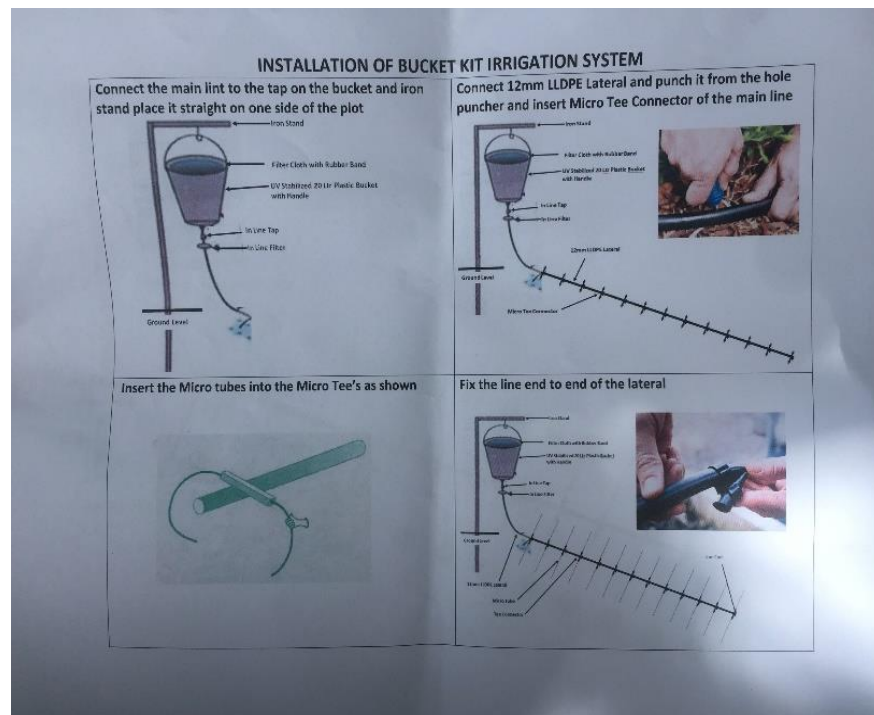
Restoration of Mangroves at Kavutharimunai (05.04.2019 to 21.04.2019)



Enhance productivity and Sustainability of small holder agro ecosystem

- **Output 01: Initiating 05-15 ha of organic Home gardening practices at Kavutharimunai, Pooneryn**
 - Selecting at least 25 beneficiaries from Kavutharimunai
 - Arranging at least 3-4 site visits to farming areas namely as Adampan farm, Agriculture farm Kilinochchi/Jaffna, Honeybee garden-Irupalai/Kilinochchi and Gannoruwa Agriculture department
 - Organizing 2-3 workshops
 - Providing home gardening tools and materials to initiate the home-gardening
 - Planting at least 1000-5000 Palmyra plants

05. Workshop on effective irrigation techniques for Home gardening practices on 28.08.2019 organized by UNDP at Kiranchchi



07. Preparation for rural and Urban organic garden models from 13.09.2019 to 30.09.2019



08. Model Garden establishment at Kavutharimunai with Irrigation Facilities





09. Handover the seeds and seedlings and some home gardening materials to the selected beneficiaries 27.12.2019



10. Monitoring of Home garden activities



Establish a community centre, business enterprise and research monitoring station to enhance the community interaction and market accessibility

- **Output 01:** Establishing a community centre, a selling stall, 2 stone benches, a model home-garden and a research monitoring station
 - Conducting a training programme for handcraft products
 - Constructing (or renovating) a building for the public interaction for the women society
 - Establishing composting yard at the centre as the model
 - Set up a cemented rainwater harvesting yard (8000L) at the centre
 - Set up a research station - Department of Zoology, UOJ

Extension of the building of Palmyra Board for the usage of the community people 02.04.2019 to 21.04.2019



Transfer of Books to the library 15.06.2019



Certification ceremony for the Beneficiaries of Palmyra training programme (06.03.2019 to 15.07.2019) on 19.07.2019







Participation at the ATBC Conference with the community Members at MAS ATHENA Kurunegala from 08.09.2019 to 12.09.2019





CERTIFICATE OF ACCOMPLISHMENT

This is to certify that

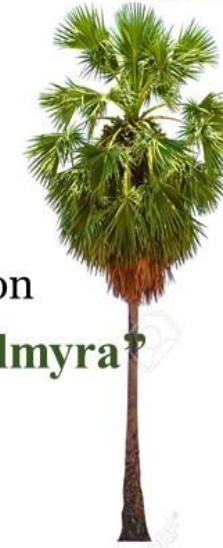
Ms./Mrs.....

Has Successfully Completed **three months** course on
“Hands on Training on Handy Craft products of Palmyra”



From March 2019 to June 2019

**Zoological Students' Association (ZSA)
Department of Zoology , University of Jaffna**



.....
Dr.T.Eswaramohan
Patron/ZSA

.....
Mr.N.B.Loganathan
General Manager
Palmyrah development board

.....
Mr.S.Arthiyan
Project Coordinator
SRL/SGP/OP6/STAR/BD/2018/04



Supported By SGP GRANT Project of UNDP: SRL/SGP/OP6/STAR/BD/2018/04



CERTIFICATE OF PARTICIPATION

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Has participated in the **three months** course on
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**Sample collection to establish the museum
(Mathagal, Vadamaratchi, Mandaithivu and
Keerimalai) from 01.10.2019 to 15.11.2019**

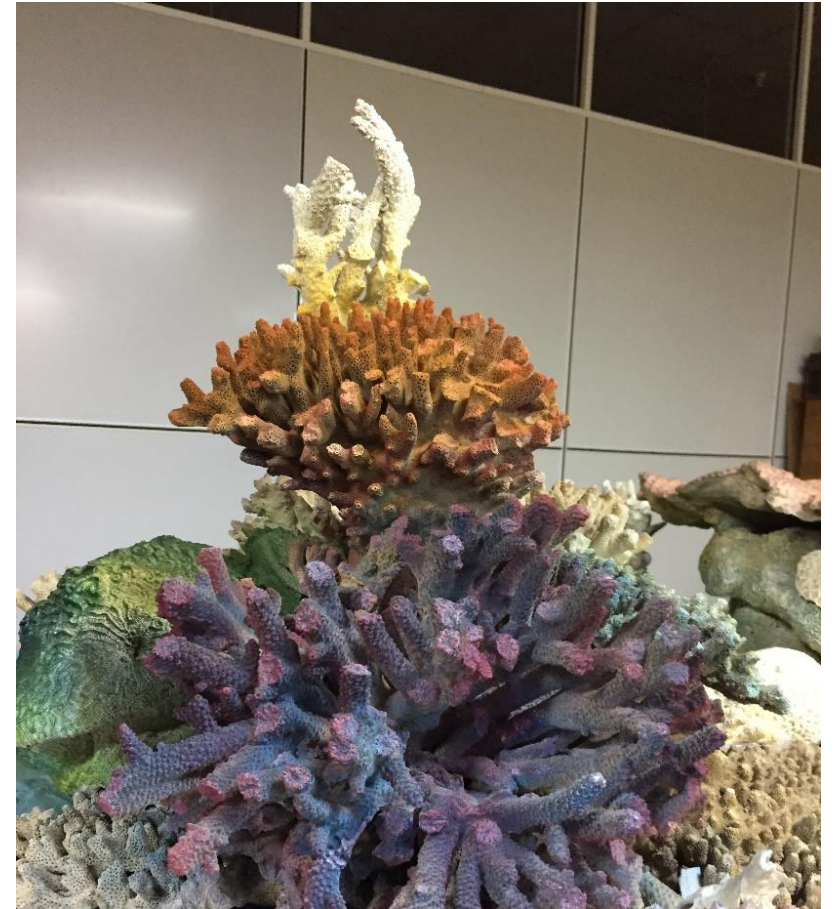




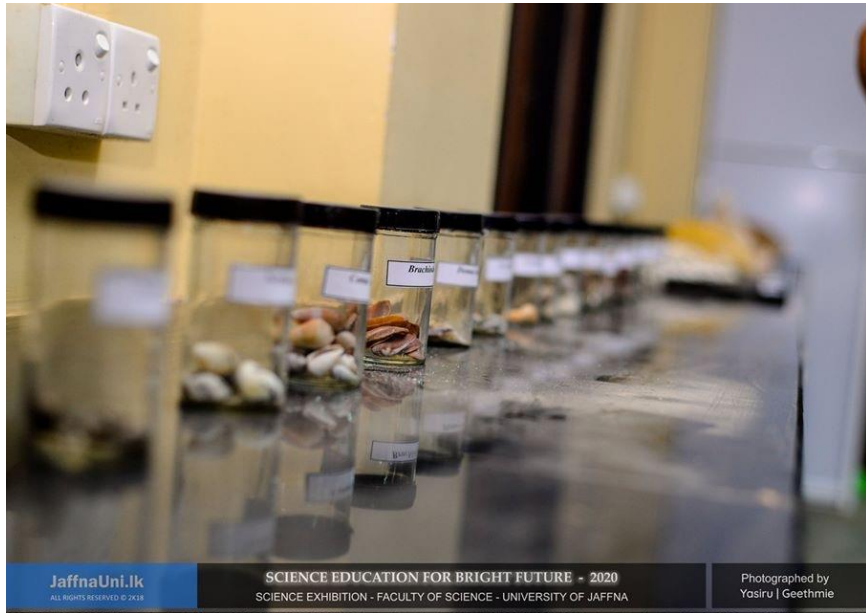
Wetland day Celebrations with CEA, ZSA, & School Students 05.02.2020



**Visit to Naravallikulam with beneficiaries
23.02.2020**



**Model preparation for
ecosystem 21.02.2020
to 10.03.2020**



SCIENCE EDUCATION FOR BRIGHT FUTURE - 2020
SCIENCE EXHIBITION - FACULTY OF SCIENCE - UNIVERSITY OF JAFFNA



**Model preparation for
ecosystem 21.02.2020
to 10.03.2020**



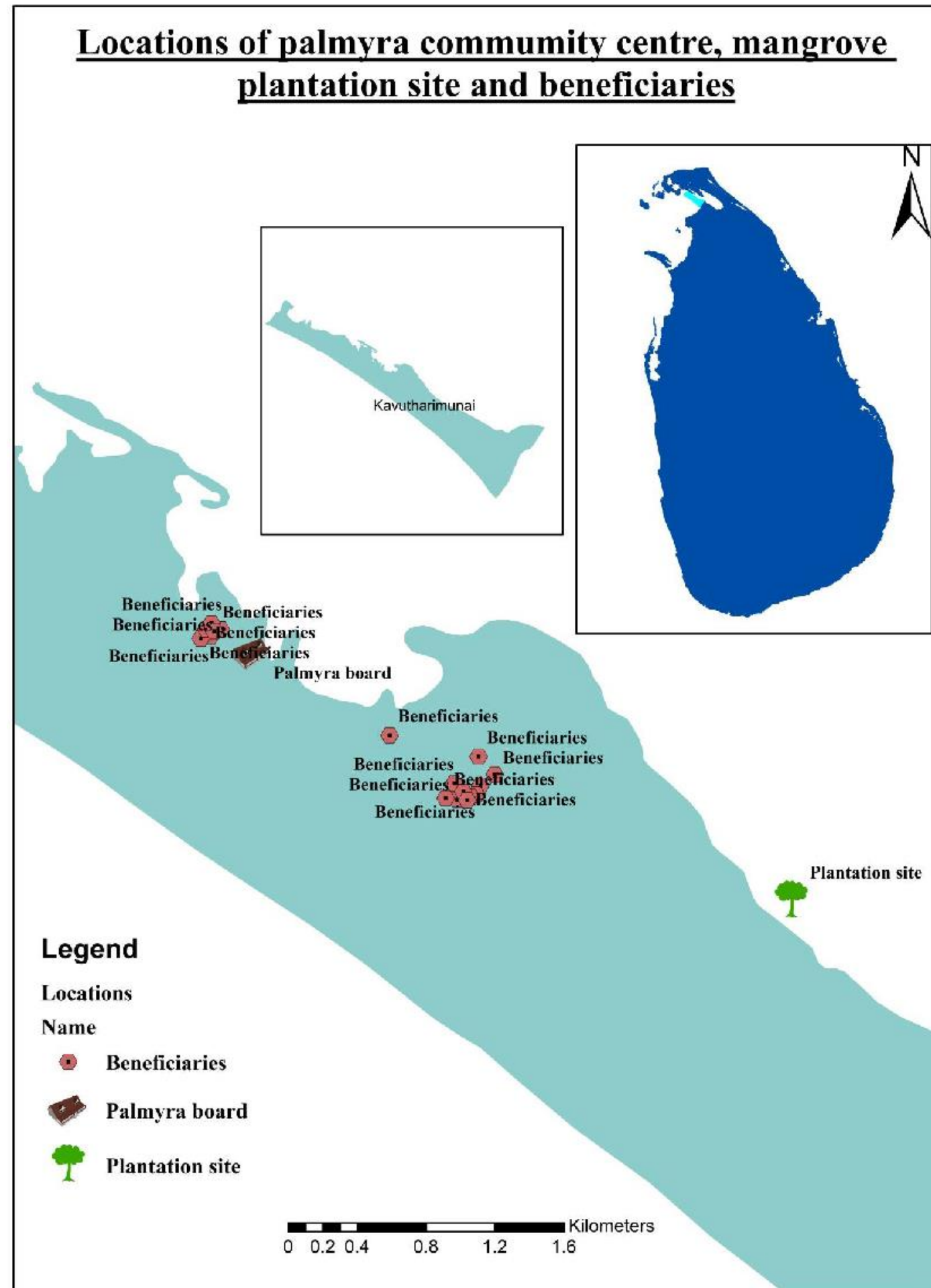
Model preparation for ecosystem 21.02.2020 to 10.03.2020 – *Rhizophora* Ecosystem





Model preparation for ecosystem 21.02.2020 to 10.03.2020 – Aquatic Ecosystem

Land use map



Map of the location of beneficiaries, palmyra community centre and mangrove plantation site

"Model for Livelihood development through landscaping and conservation at Kavutarimunai Region, Pooneryn"
(SGP Grant Project – SRL/SGP/OP6/STAR/BD/2018/04)
Grantee: ZOOLOGICAL STUDENTS' ASSOCIATION (ZSA), UNIVERSITY OF JAFFNA

Legend

- Beneficiaries (Arivuveli & Mannithalai)
- Beneficiaries (Kavutharimunai)
- Mangrove Plantation site
- Palmyra Community Centre



Achievements

- Restoration of mangroves along the coastal line in Kavutharimunai
- Establishment of a research laboratory at the University of Jaffna
- Capacity building and producing the tools to support the livelihood of the people in the project site
- Establish Home gardens
- Establish a community center with the support of Palmyra Development Board
- Engage the students with the community

Challenges and lessons learnt

- COVID-19
- Students' availability
- Lack of support from the local people
- Mangrove plantation
- Communication gap

Sustainability

- Monitoring is done by the ZSA
- Similar initiatives

Thank you