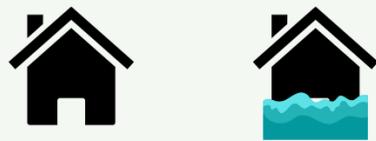
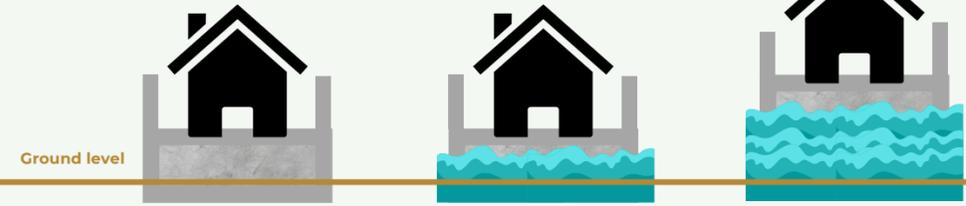




Without Amphibious Buoyant Foundation



With Amphibious Buoyant Foundation



Amphibious buildings

NESTABIDE



Without Amphibious Buoyant Foundation



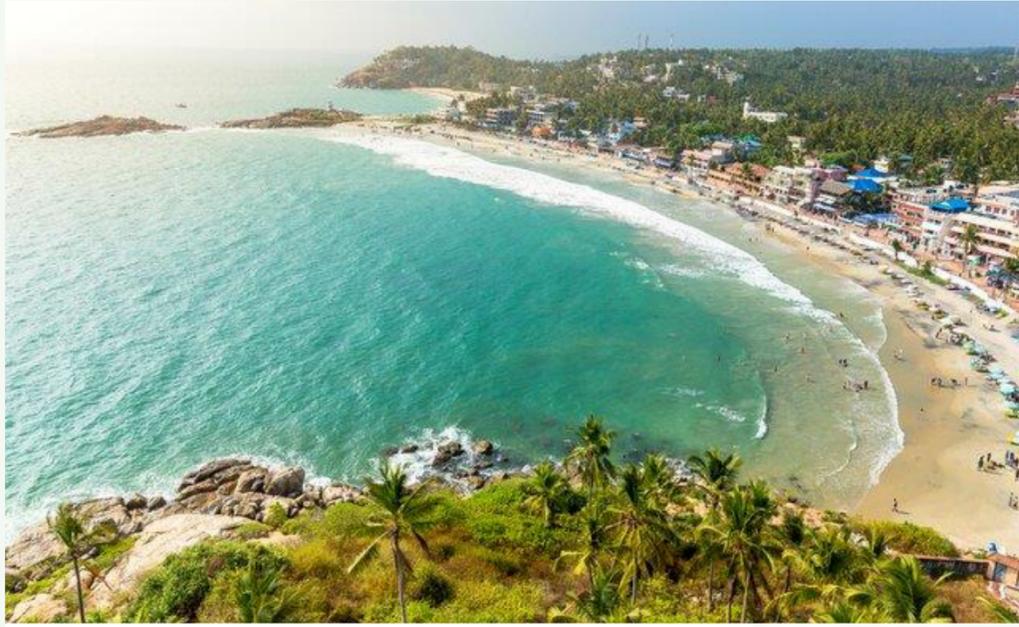
With Amphibious Buoyant Foundation



Ground level



beaches and backwaters, rivers and canals

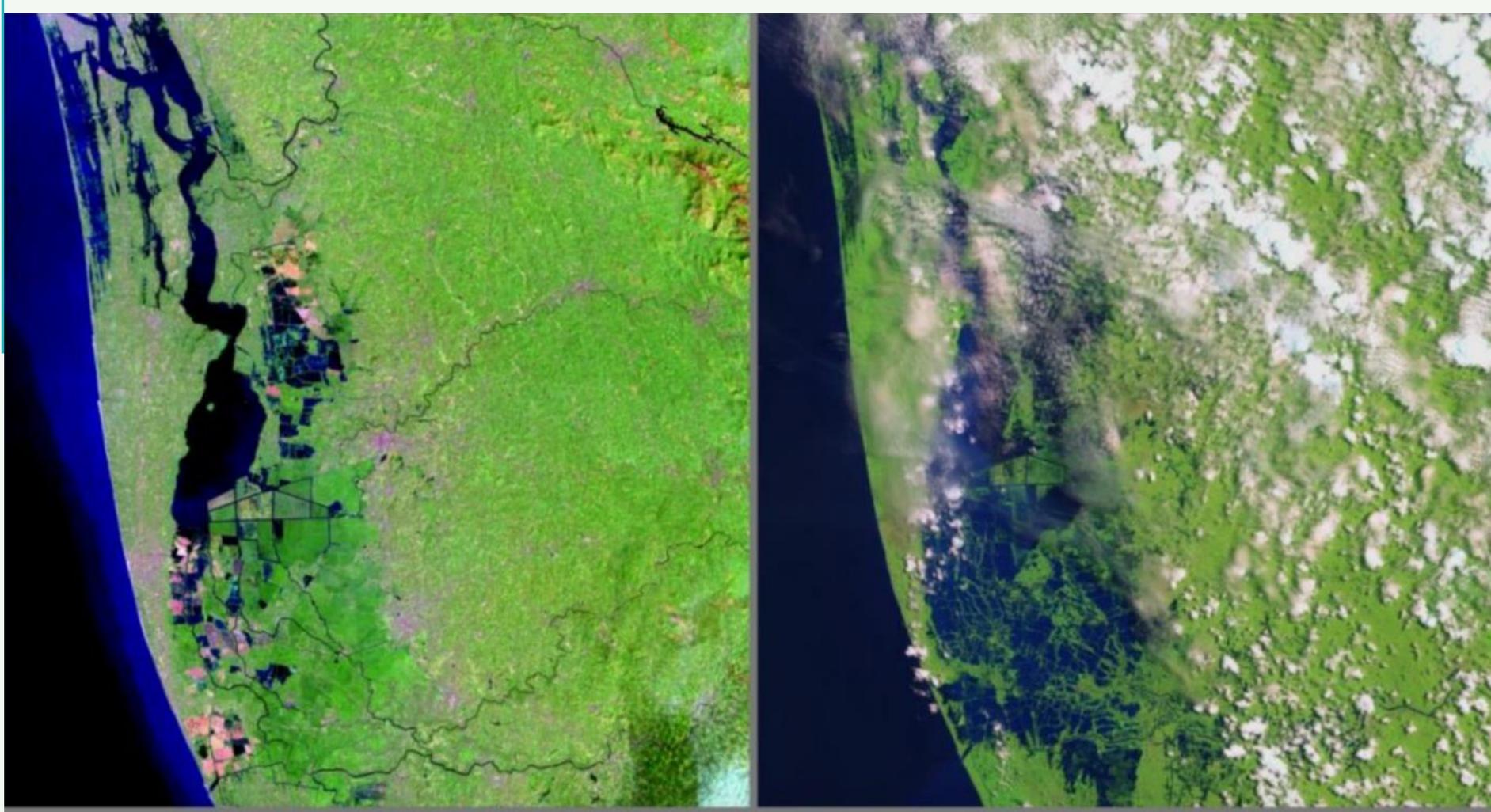


KERALA

കേരളം



beaches and backwaters, rivers and canals



KERALA FLOODS

Kerala before (left) and right after (right) the 2018 floods, as captured by Landsat 8.
Photo: NASA



TRANSFORM
SUSTAIN
AND
REPEAT

Sustainable Development Goals





NEST'ABIDE

NEST'ABIDE



nestabide.com

An interdisciplinary firm, currently focusing on water conservation, flood resilient and flood-resistant eco-technologies including Amphibious/ floating buildings, Floating Wetlands Treatment System and Flood Modelling Simulation of Rivers. The firm is based in Thiruvananthapuram, Kerala, India.

Principle

Follow Interdisciplinarity for Environment, Society and Technology.

Motto

"Within this nest, abide peacefully..."



India's first amphibious prototype

Concrete Floats! To set up and showcase a working prototype of how a **concrete buoyant foundation** rests on the ground and floats when the water rises using 'Amphibious' building technology.



About Amphi Nest

India's first amphibious pavilion structure with a concrete buoyant foundation.

Location: Kuravilangadu,
Kottayam, Kerala, India

Amphi Nest



NEST/ABIDE



A bird's 'nest' inspired Amphibious Pavilion is the pilot project of NestAbide.

'Amphi Nest' is India's first working prototype of amphibious building technology with a concrete buoyant foundation. It is built as an example of how this technology works.



NEST'ABIDE

35 Days

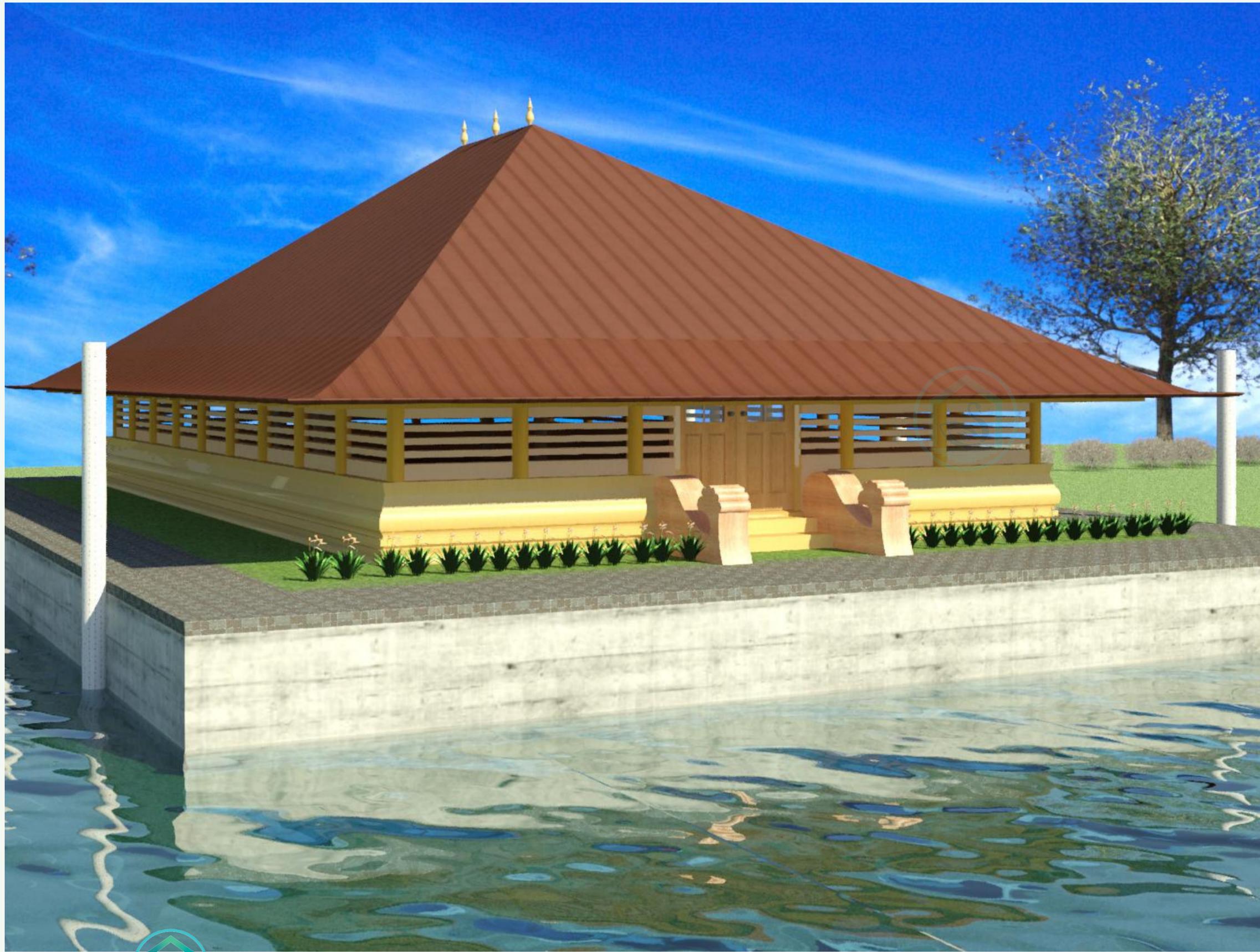
3.5 lakhs INR

~ 4754.30 USD

~ 4024.83 EURO

Including wet dock for the simulation of flood water levels.

AMPHI NEST



NEST/ABIDE

Design of an amphibious building using traditional Kerala vernacular architecture and engineering and a concrete buoyant foundation.



NEST/ABIDE

Inaugurated on 4 September 2021



Inaugurated by Shri. P Prasad, Hon'ble Minister for Agriculture, Shri. Adv. Mons Joseph Member of Legislative Assembly (MLA) and other delegates

“ WE ARE NOT LIVING IN A SAFE ZONE. THE CHANGES IN MONSOON PATTERN AND CHARACTERISTICS INDICATE EFFECTS OF CLIMATE CHANGE.”

~ P PRASAD, HON'BLE MINISTER FOR AGRICULTURE

The Government of Kerala's advisory body and think tank, Kerala Development and Innovation Strategy Council (K-DISC), offers support for NestAbide to initiate, plan and design the Amphibious Homes project in the Pampa River Basin in Kuttanadu and Munroe Islands (Munroethuruthu) of Kerala. Selected beneficiaries from Kuttanadu and Munroethuruthu will own amphibious homes designed by NestAbide with their international collaborations and with the Government's support.

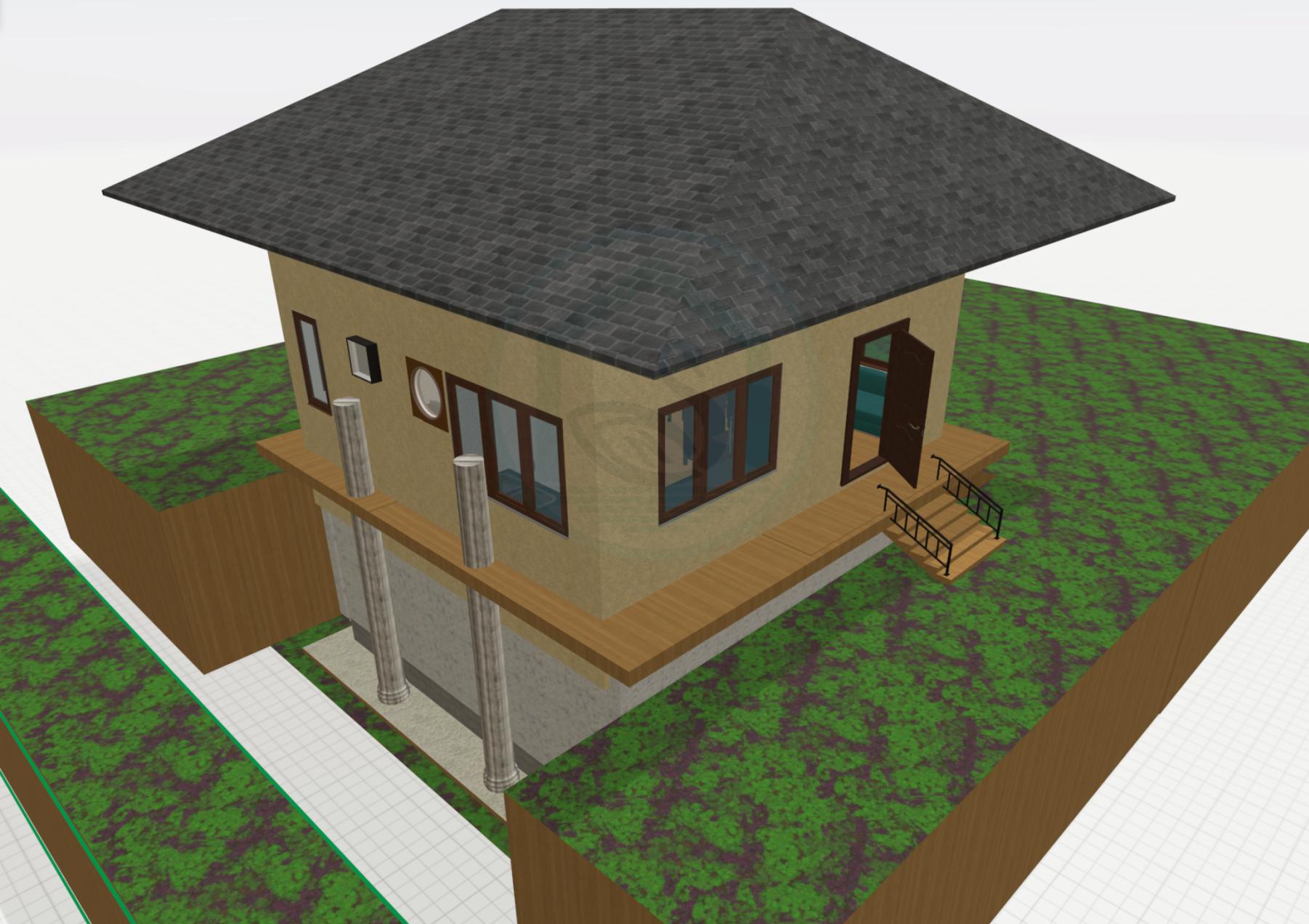


Swampy lithologies

THE AMPHIBIOUS PROJECT



NESTABIDE



Government of Kerala

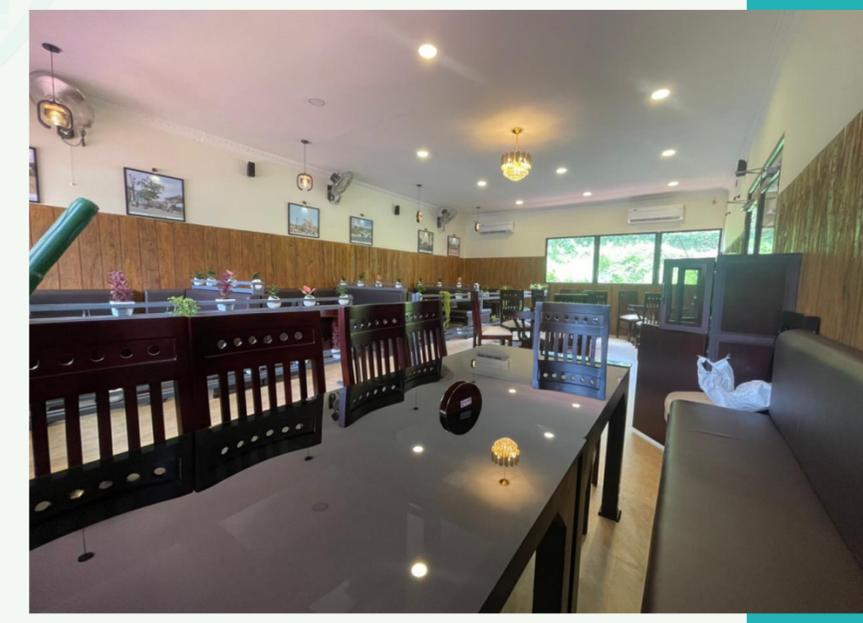


K-DISC
Kerala Development and Innovation
Strategic Council



NESTABIDE

THE AMPHIBIOUS PROJECT



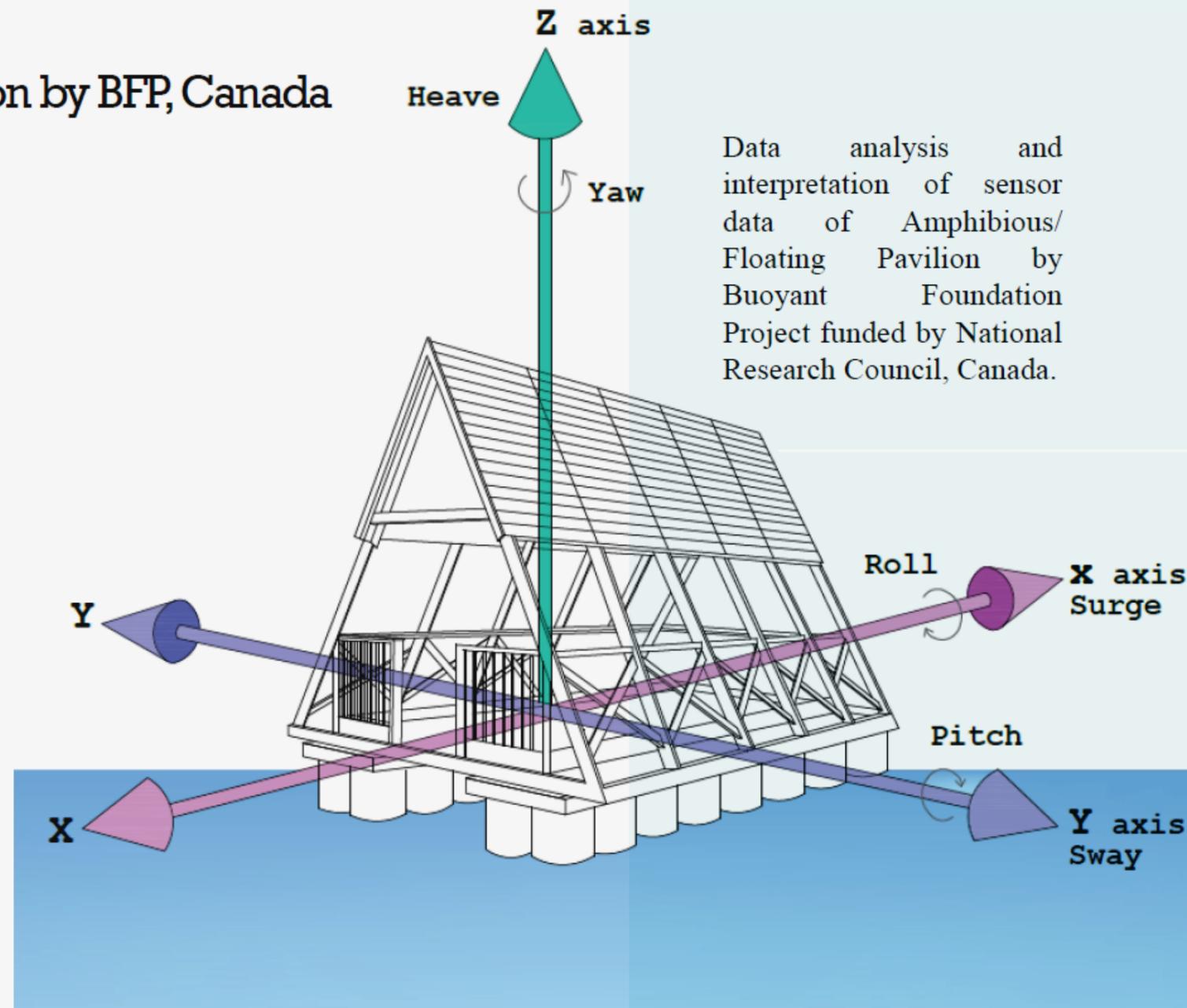
‘Edaneram’
prefab. restaurant

Floating pavilion at the stormwater retention pond

Location: University of Waterloo, Canada



Data Analysis of floating pavilion by BFP, Canada



Data analysis and interpretation of sensor data of Amphibious/Floating Pavilion by Buoyant Foundation Project funded by National Research Council, Canada.

BFP NRC Data Analysis





Floating Treatment Wetlands System

Pond rejuvenation activities and implementation of Floating Treatment Wetlands System at Ochira, Kollam, Kerala.





Floating Treatment Wetlands System

Pond rejuvenation activities and implementation of Floating Treatment Wetlands System at Ulloor, Trivandrum, Kerala.



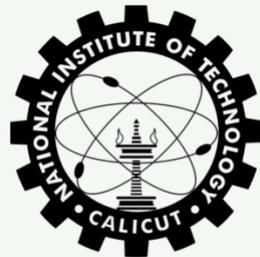
‘Madathil kulam’ Pond Rejuvenation

Nature
Based
Solution



NEST'ABIDE

 **TU Delft**



तमसो मा ज्योतिर्गमय



GEC BARTON HILL



NANMA GIREESH

Translational-Civil
engineer

Co-Founder & Managing Partner,
NestAbide | TEDx Speaker | Licensed
Civil Engineer - A grade under Kerala
Urban Affairs Department | Flood
Engineer for GVS | Dancer & Artist



BEN K GEORGE

Translational-Electrical
engineer

Co-Founder & Managing Partner,
NestAbide | Electrical Supervisor
Class B, Department of Electrical
Inspectorate, Government of Kerala

Talk to us!

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NESTABIDE



nestabide

India's first firm focusing amphibious building technology



NestAbide office inauguration by NestAbide family



Amphi Nest Inauguration by Agri. Minister P. Prasad, MLA Mons Joseph, District Panchayath President Nirmala Jimmy and Kuravilangadu Panchayath President Mini Mathai.



Amphibious houses



With international experts from Canada, Iran and Turkey



with Dr. Elizabeth English



with GeoVin team - Vinod P.G & Vishnu Mohan



with BLUE 21 team, Netherlands



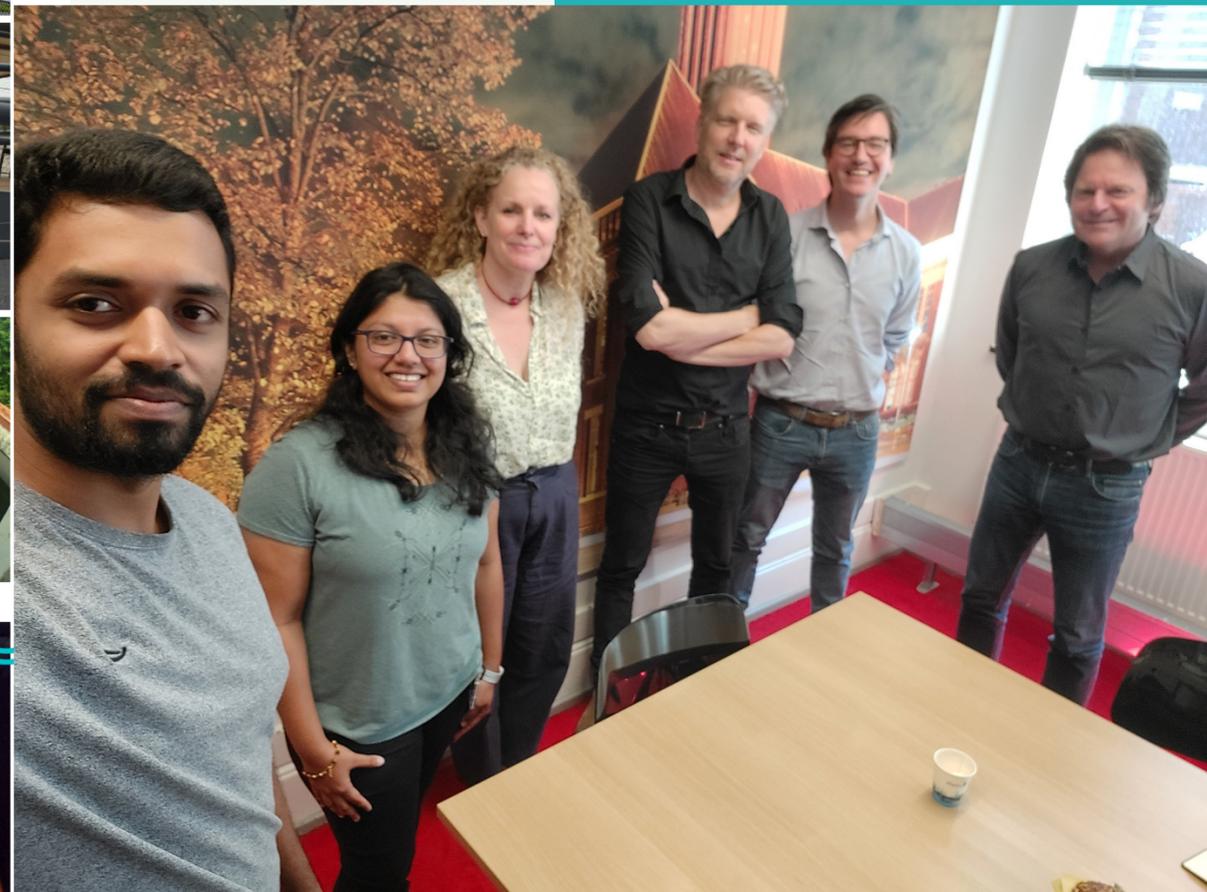
2018 THE NETHERLANDS (HOLLAND) MAAS RIVER, MAASBOMMEL



2019 POLAND VISTULA RIVER, WARSAW



Amphibious model testing, 2017



Within this nest, abide peacefully



നാകയിലേനാ സുപ്തകൂടണയാം

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