

DB / DCC Website Submittal

Design Build Projects / DCC Project Year: 2024

Project Title: *Mun-Life - Community Space*

Google Map Coordinate: [Ban Khu Sawang School](#)

Instructor(s): *Mr. Ken Chongsuwat*

Collaborator(s): *n/a*

Sponsor(s): **Daiichi2007, Sport Net Center, Beger Color, FBT, Chulalongkorn University Ubon Ratchathani Alumni Association, Success Sports, Siriporn Uniform, J. Design & Decorative House Co.,Ltd., Buranajunyakul Family**

Students:

Mr. Pakin Arkkaleephan

Mr. Kitipat Boonpawatwong

Mr. Parit Chanthateyanonth

Mr. Korntak Varasin

Mr. Possatorn Rattanasappakuna

Miss Angelica Uleri

Miss Tanaphun Thongsri

Miss Naphatsorn Silprachawong

Miss Amelie Napat Davis

Miss Panpailin Kongvinyu

Miss Pavarisa Wongpetwichian

Miss Pitchakorn Pokasirikul

Project Descriptions:

Even if global warming is kept within the Paris agreement targets, some environmental damage will remain unfixable, with floods and heavy rains still likely in some parts of the world. Floating structures can help such at-risk communities prepare for rising water levels. Flooding in Ubon Ratchathani: Many provinces in Isaan have been heavily


flooded since the end of September 2022, Ubon Ratchathani received the heaviest load in 43 years.

Ban Kusawang School has a total of 55 students, with 4 teachers, 1 contracted staff, 1 administrative staff, and 1 principal, totaling 63 individuals. The school is small, accommodating students from kindergarten 2 to grade 6. The current need is for recreational space as there is no field due to the school's small size and flooding issues. The lack of recreational space poses challenges for the students. During floods, the water rises significantly, reaching up to the second floor of the building, making it impossible to use normal teaching aids.

The scope of the project is a floating community raft that serves as a versatile platform for local sports and boat races in Ban Kusawang. This project aims to address the need for recreational space and water-based activities in the area, particularly during flooding seasons when traditional land-based sports become impractical. The floating raft will provide a safe and accessible space for various sports such as volleyball, basketball, and badminton, as well as serve as a starting point and viewing platform for boat races and other water-based events.

By utilizing the available water resources effectively, we can promote community engagement, physical activity, and cultural events, enhancing the quality of life for residents of Ban Kusawang. 12 students will be divided into teams to manage the entire design and build process according to their interest and expertise. Documentation of the design build process and evaluation of satisfaction of the community shall be conducted by the students as a report and presentation.

Link to Google Folder contain Images (300DPI):

 [Selected Images_300DPI](#)