

## **PROJECT DETAILS FOR FINAL SUBMISSION**

**Project Title:**

Dan-Dusadee Sangwei, Realm of Elephant Poetry

**Student's Full Name:**

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**Course:**

Architectural Design 4

**Studio Brief Title:**

Elementary and The Sea

**Short Project Description (100 words max.):**

The **Seaside Elephant Camp** in Koh Siray, Phuket, is an ethical sanctuary where elephants roam freely in harmony with the ocean. Addressing limited water and vegetation resources, the project incorporates a **Water Retention Landscape**—creating rivers and ponds to sustain natural ecosystems. **Dan-Dusadee Sangwei: Realm of Elephant Poetry** integrates ecological design, animal welfare, and human interaction. This self-sustaining space nurtures biodiversity and fosters long-term resilience. The project redefines elephant conservation, offering a sustainable model for ethical tourism while maintaining a balance between humans and nature.

**Full Project Narrative/Text Description (300 words max.):**

The **Seaside Elephant Camp**, located in the northwest of Koh Siray, Phuket, is a one-of-a-kind sanctuary where elephants are cared for in harmony with their natural surroundings, including the ocean. Unlike traditional camps, this site focuses on ethical treatment and free roaming for the elephants. However, maintaining their well-being requires significant water and vegetation resources, which are limited at this location.

Sustaining water and vegetation involves using a **Water Retention Landscape**, which means creating rivers and ponds to collect and store water naturally. This helps water cycle back into the air through a process called evapotranspiration, supporting plant growth and the environment.

The problem, solution, and abstraction of the balcony is formed to create an architectural manifestation of these different ideas.

Dan-Dusadee Sangwei, or Realm of Elephant Poetry is a project that embraces the dynamic interplay between natural processes, animal welfare, and human engagement. By addressing resource challenges through innovative ecological design, the camp becomes a self-sustaining environment that nurtures elephants and fosters biodiversity. The architectural interventions do not simply solve immediate problems but create long-term ecological resilience, where both nature and human activities can coexist sustainably.

In this space, architecture acts as a mediator between humans and the natural world, allowing visitors to experience and appreciate the essence of elephant conservation without compromising the integrity of the ecosystem. This project not only redefines how we approach elephant care camps but also sets a new benchmark for designing spaces that prioritize ethical tourism and environmental stewardship.