



SANSAEB RHYTHM

Sansaeb Rhythm is an architectural and environmental installation that visualizes ecological distress through spatial transformation. Taking place in the urban context of the Khlong Saen Saeb, this project reimagines the canal and its surrounding informal housing as dynamic agents that respond to changes in water pH, a key indicator of pollution. As the water becomes more acidic or alkaline, pre-designed modular ground blocks slowly rotate and slide inward, forming a spiral that reconfigures the familiar neighborhood fabric. This movement is not merely mechanical; it

becomes a living, visible expression of environmental imbalance. At the center of the spiral, a vertical "needle" composed of canal waste gradually assembles using a combination of bubble barrier and passive hooking mechanisms. Once the pH threshold is crossed, the needle rises and rotates, brushing against rooftops to generate sound turning the canal's environmental data into rhythm and song. Sansaeb Canal is not a machine, monument, or warning; it is all three merging community architecture, environmental sensing, and acoustic feedback into one performative system. It invites audiences to witness the physical manifestation of environmental decline and prompts reflection on urban responsibility. The project blends architecture, ecology, and sonic design to transform decay into a rhythmic signal of urgent awareness.

