



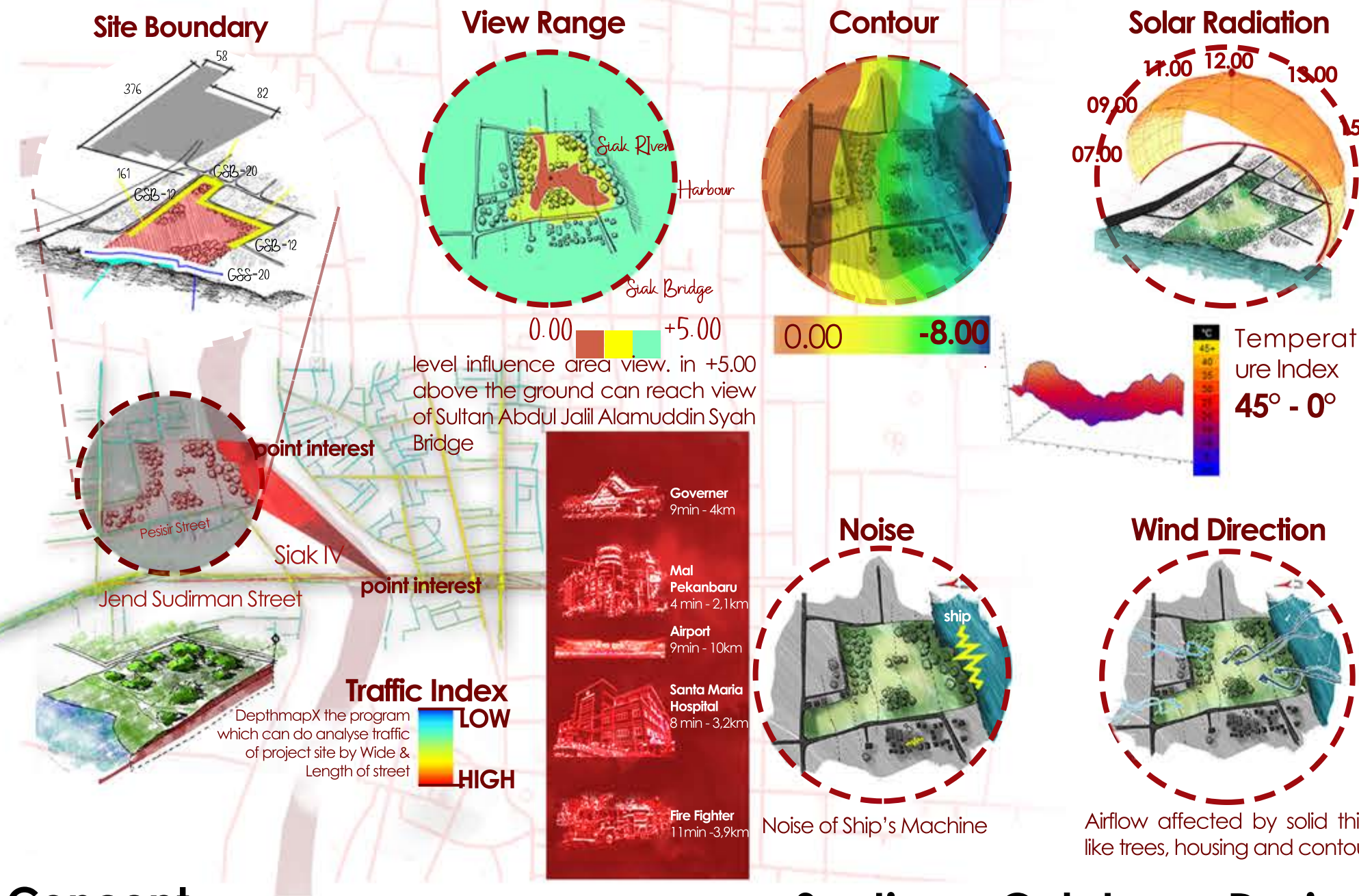
# Siak River Aquatic Hub

in Pekanbaru Using Santiago Calatrava Design Principle

The lack of knowledge how human relation with aquatic occur in Pekanbaru society. They have need a place to introduce aquatic in order to growing concern for aquatic at once good for human psyhology and to reduce stress. Siak River Aquatic Hub is a place which giving education about aquatic a live by sub-diving, marine breeding, aquaplants conservation, touching marine and art by aquatic. Pekanbaru, in the middle of Sumatra, is very good at being a center for knowledge of aquatic life, so that it is evenly distributed to all mainland people. Water as the main element of design implemented in concept transformation as nature section and high-tech structure making the iconic building in Pekanbaru all of those can be realized by Santiago Calatrava design principle.



Pekanbaru, in the middle of Sumatra, is very good at being a center for knowledge of aquatic life, so that it is evenly distributed to all mainland people. Siak River is the best potential to bring aquatic life to the middle of the land with avg. depth 30 meters in the midde of Pekanbaru city. Site in Commerce Development Area by City Plan on Pesisir Street-Jend. Sudirman.



## Concept

The main idea of Siak River Aquatic Hub are bring user's soul to feel how aquatic life and be clarified by profile of Siak River as familiar nature in Pekanbaru and be transformationed by Calatrava design principle heed by water reflector, high-tech of structure and a lot of cvurring applied in Siak River Aquatic Hub, so the concept is **Diving Soul to realms**. Siak River Aquatic Hub will design by making illustration about how's aquatic life used compotition of Siak River's profile, put in some aquascape in the interiors, applying water instalation that's will bringing to visitor's bosom feel how's aqualife.

## Santiago Calatrava Design Principle

Design inspired by human body, nature, light and art. Structure as main aesthetic by exposing it. Type of Calatrava's structures are steel, concrete precast, wiresteel. Water and light. Water as main element of design be a building reflector. The light comes in interrupt by structure. One main circulation and covered by structured. White always used in Calatrava design.

