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Resilient Urbanism As A Tool To Re-Establish The Human-Nature Interface In Eco-Sensitive Deltas, A Case Of Munroe Islands

A delta is a landform that forms from deposition of sediment carried by a river as the flow leaves its mouth and enters another water body. Deltas are historically major agricultural production and population centres. Many deltas in the world are sinking due to natural and man-made factors. Mainly; land subsidence, low sediment input due to hydroelectric dams or coastal structures, sea level rise and other human interventions like dredging, unsuitable construction practises. The context here is Munroe Islands in Kollam district of Kerala which is a major tourist destination of the state and is subject to drastic ecological vulnerabilities. The ecological, network and socio-economic structure of Deltas are to be integrated sensitively for sustaining life, as the imbalance of any of these would affect the Delta as a whole. Resilient Urbanism as a tool is used to create an overall balance between the affected layers of the Delta and to improve its adaptability to drastic conditions. Strategic urban design interventions are made to re-establish the human-nature interface, respecting the character of the place and aspirations of its natives.