

Flagship: Spatial planning of future deltaic systems

Climate change exacerbates both the frequency and severity of floods, storms, and droughts in deltaic areas, where the coastal, riverine and regional/urban water systems co-evolve and interact with spatial development patterns. This flagship focuses on improving the understanding of these systems and their interactions, including the urbanized landscape and infrastructure, under climate change. The focus is on the integrated and interdisciplinary approach to develop adaptive design methods and insight interventions that span from territorial scenarios to local spatial measures; both for operational use (real time, early warning) and long-term planning, under deep uncertainty.

About Luca Iuorio

Luca graduated in architecture from Iuav University of Venice, where he also obtained a doctorate in urbanism. He is currently an assistant professor in the faculty of Architecture and the built environment of TU Delft. His interests span from the study of the spatial dimension of territorial technological systems to the design of climate adaptation scenarios and site specific projects.

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