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## **Inter-scalar and inter-disciplinary approaches for a valley community. The case of Sappada**

Alessandro Massarente - Elena Guidetti - Alessandro Tessari

Our research aimed to explore an inter-scalar field in which architectural design tools are intertwined with urban and territorial scales. The case is an enclave between different limits: a valley near the border with Austria, located on the edge of north of Veneto region with an ethnic-linguistic heritage of Germanic matrix, administratively migrated in 2017 to Friuli Venezia Giulia region. Due to this specific geographical identity, local communities and municipal administration needed to define new sustainable development models of their territory, giving us the chance to fine-tune a design exploration process holding together both territorial plan, with its analytical and programmatic categories, and prefigurations, of a dispositive and dimensional nature, that allows to define in different places some themes through urban and landscape tools.

Through discussion tables with local communities, various stakeholders and interdisciplinary experts, and cross-referencing of data provided by the administration itself, we elaborated open web-based GIS tools that allow for the interrogation of data at different levels. 5 main themes emerged from this analytical phase (naturalistic system, tourism resources, local economies, territorial infrastructure, historical identity heritage), which in turn represent the inter-scalar field in which different design explorations at urban and landscape scales has intended to interweave possible relationships with territorial and urban plan.

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