The nZEB buildings, digitization and information technology on the Amalfi Coast and the Sorrento Peninsula through cultural and territorial anthropology

by Gino Fontana | Lorenzo Gargano | I.C.T. Network (National research registry n. 62861RAS) | Università degli Studi di Salerno

This research study deals with nZEB buildings in correlation with cultural and territorial anthropology in the Amalfi Coast and in the Sorrento Peninsula, through digitization and related information technologies.

The theoretical backgrounds were the Green Economy and historical architecture in relation to the cultural and territorial anthropological aspects of the Amalfi Coast and the Sorrento Peninsula.

The aim of the research was to provide an application method and innovative analysis for nZEB buildings in relation to the demo-ethno-anthropological aspects.

The objectives of the research study were to apply the information deriving from anthropological, cultural and territorial analysis to the digitization of the built and naturalistic environment.

The research methods were qualitative and quantitative, through sample analysis and architectural and performance surveys of the Nzeb buildings.

The scientific evidence of this study has shown the anthropological, cultural and territorial connections with the historical architecture and the nZEB buildings present in the Amalfi Coast and in the Sorrento Peninsula in relation to the digitization and information technology of the contemporary era in function of the new socio-cultural orientations.