

“Internal Areas’ Revitalization”

Legal Infrastructures and Technological Tools to Boost Internal Areas’ Revitalization

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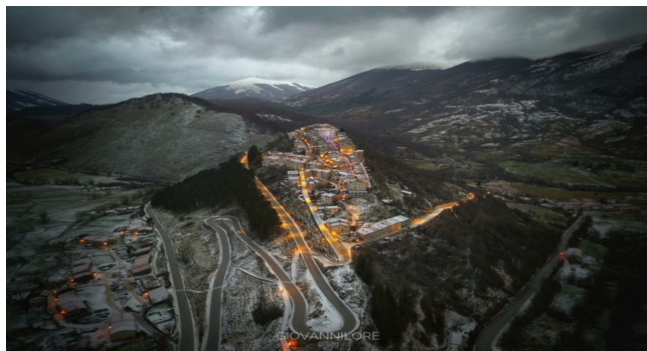
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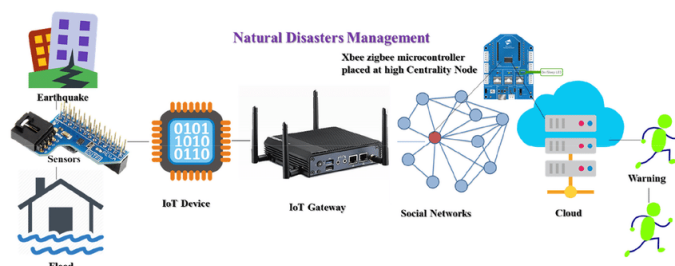
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Scenario

Natural disasters, pandemics and climate change have a high impact on the living conditions of human beings, highlighting the multiple forms of vulnerability that can affect a person. Thinking about prevention is also possible and necessary in the post-disaster reconstruction phase, especially from a unified, national and international perspective. This is the most delicate phase because it is necessary to open one's arms to change without letting go of the values of a people and a territory. Rebuilding with a forward-looking perspective, through innovative technologies will allow us to avoid negative effects. The impact does not only refer to the territory that benefited from modernization, but also extends beyond national borders in crisis management.



Opi – (Abruzzo – Italy) – The village of the movie: “Un mondo a parte - A world Apart”



Original source by Abhilasha Rangra and Vivek Kumar Sehgal

National Impact: New technologies combined with the help of Artificial Intelligence can facilitate the revitalization process also from a prevention perspective, both standard (gas detectors) and specific to the vulnerabilities of the territory (seismic detectors). Potentially this method can be applied well in all national territory. It is reasonable to think that the revitalization of an internal area also means rebuilding with techniques appropriate to the types of disasters that may affect the areas in question.

International Impact: Moreover, this research activity can be used across national borders. Technological instruments and legal solutions identified can help to mitigate also the negative effects of disasters that affect international territories and not only internal areas. This ‘concept’ has been originated by the numerous ongoing collaborations and the funding obtained.

Collaborative Programs:

Unicam - Toyo University of Tokyo “Interdisciplinary Approach toward Revitalization from 2016 Central Italy Earthquake” (2018-2021),
Unicam - Toyo University of Tokyo (“From Earthquake Reconstruction towards Sustainable Cities and Regions in the Post COVID-19 Era”, (2022-present), granted by Toyo University of Tokyo (Japan).

Grants:

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Fondazione Intesa SanPaolo (2019-2023);
INPS (2020-2024);
FSE (2020-2024);
Just Transition and Green Deal (2022);
PNRR (2024).

Erasmus Agreements: University of Almeria (Spain); University of Rijeka (Croatia); University of Carlos III Madrid (Spain); University of International Business, KA107 (Kazakhstan)

Memorandum of Understanding: University of Maryland (U.S.A).

Visiting Professor: Lécia Vicente, Louisiana State University (U.S.A.); Hiroyoshi Sano, Toyo University of Tokyo (Japan).

Collaborations with Companies: Villa Verde Fermo s.r.l. (2020-2021)

Collaborations with Non Profit Organizations: Consumers’ Forum, Federconsumatori Lazio APS, Legambiente Marche, IgiTo, Fondazione “Scuola di Alta Formazione Giuridica – ETS», SGEM World Science, Circolo Legambiente Due Valli APS.

Collaborations with Local Authorities: Unione Marca di Camerino, Municipalities of Pieve Torina, Muccia, Matelica, Serrenti, Petralia Soprana, Dudestii Vechi (Romania), Bolentin-Vale (Romania), Gottlob (Romania), Ogano (Japan).