



Risk and Rebirth

SHORT DESCRIPTION ON CIVIC MONITORING RESEARCH

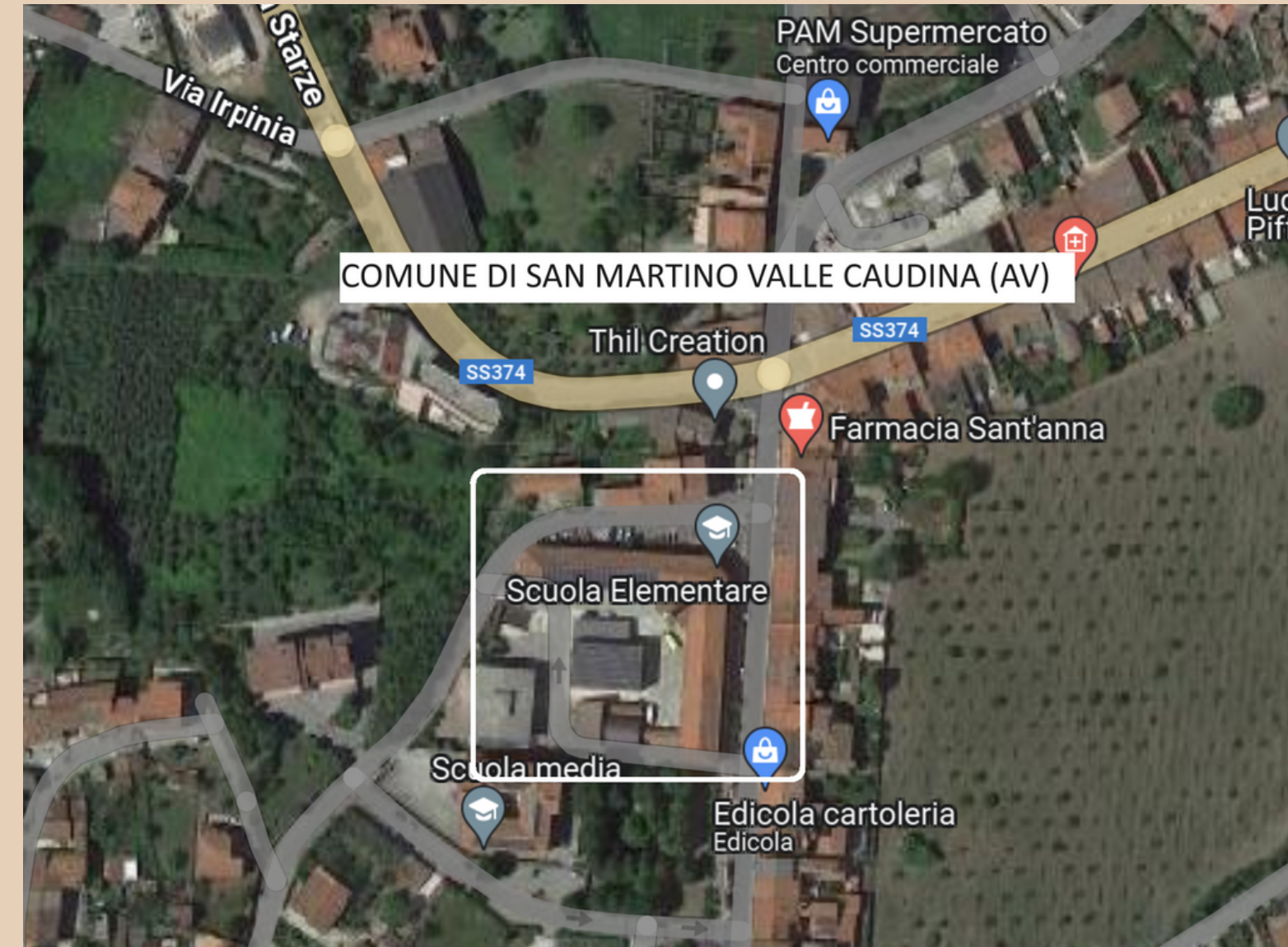
Anti-seismic adaptation of the "Don Lorenzo Milani" elementary school.

CUP: G66B13000030006

Territory: San Martino Valle Caudina (AVELLINO)

Theme: Social inclusion and health

Nature: Infrastructure



Source: google maps

CONTEXT DATA

Public cost:

€ 1.039.789,60

Payments made:

€ 1.003.141,35

The amount paid amounts to 96% of the total.



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PROJECT

We live in an area at high seismic risk and many of our grandparents were displaced following the seismic event of November 1980 (Irpinia earthquake) following landslides which affected the entire Caudina Valley, even recently (December 2019) have witnessed sudden and catastrophic events. In particular, the municipality of San Martino Valle Caudina (municipality not far from our institute). Urged by the events that have occurred and by the fear that they may repeat themselves, we Fermi students have decided to do our part by carrying forward this stimulating project.



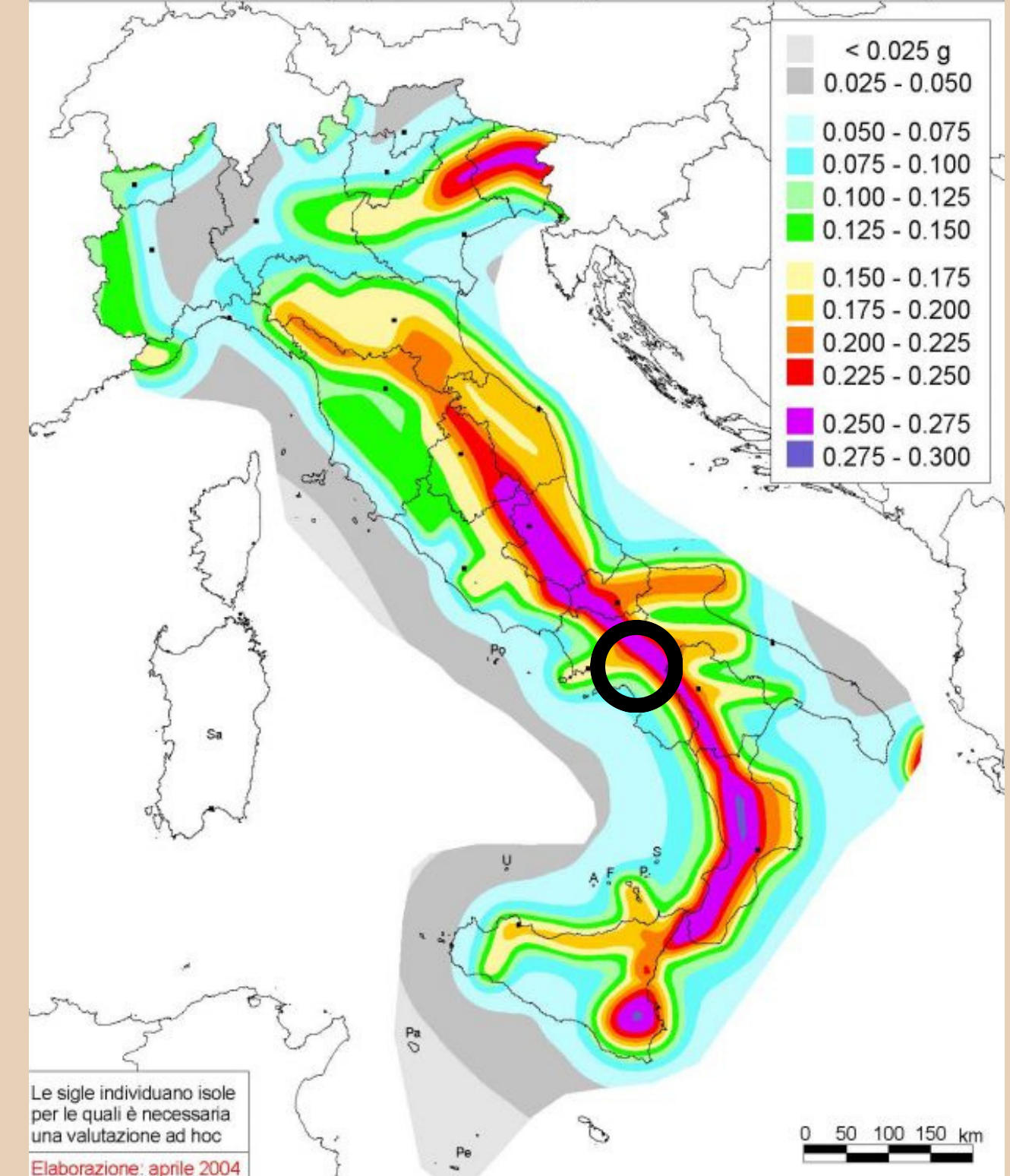
ISTITUTO NAZIONALE DI GEOFISICA E VULCANOLOGIA

Mapa di pericolosità sismica del territorio nazionale

(riferimento: Ordinanza PCM del 28 aprile 2006 n.3519, All.1b)

espressa in termini di accelerazione massima del suolo
con probabilità di eccedenza del 10% in 50 anni

riferita a suoli rigidi ($V_{s30} > 800$ m/s; cat.A, punto 3.2.1 del D.M. 14.09.2005)





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Source: google images

THEME CHOSEN

What we want to analyze in particular is how the layout of the historic center has changed following the seismic events, what has been done to strengthen the defense of the soil and the prevention of natural risks, focusing on the seismic adaptation of the school institute (former elementary school) Don Lorenzo Milani, which today is a civil protection garrison.

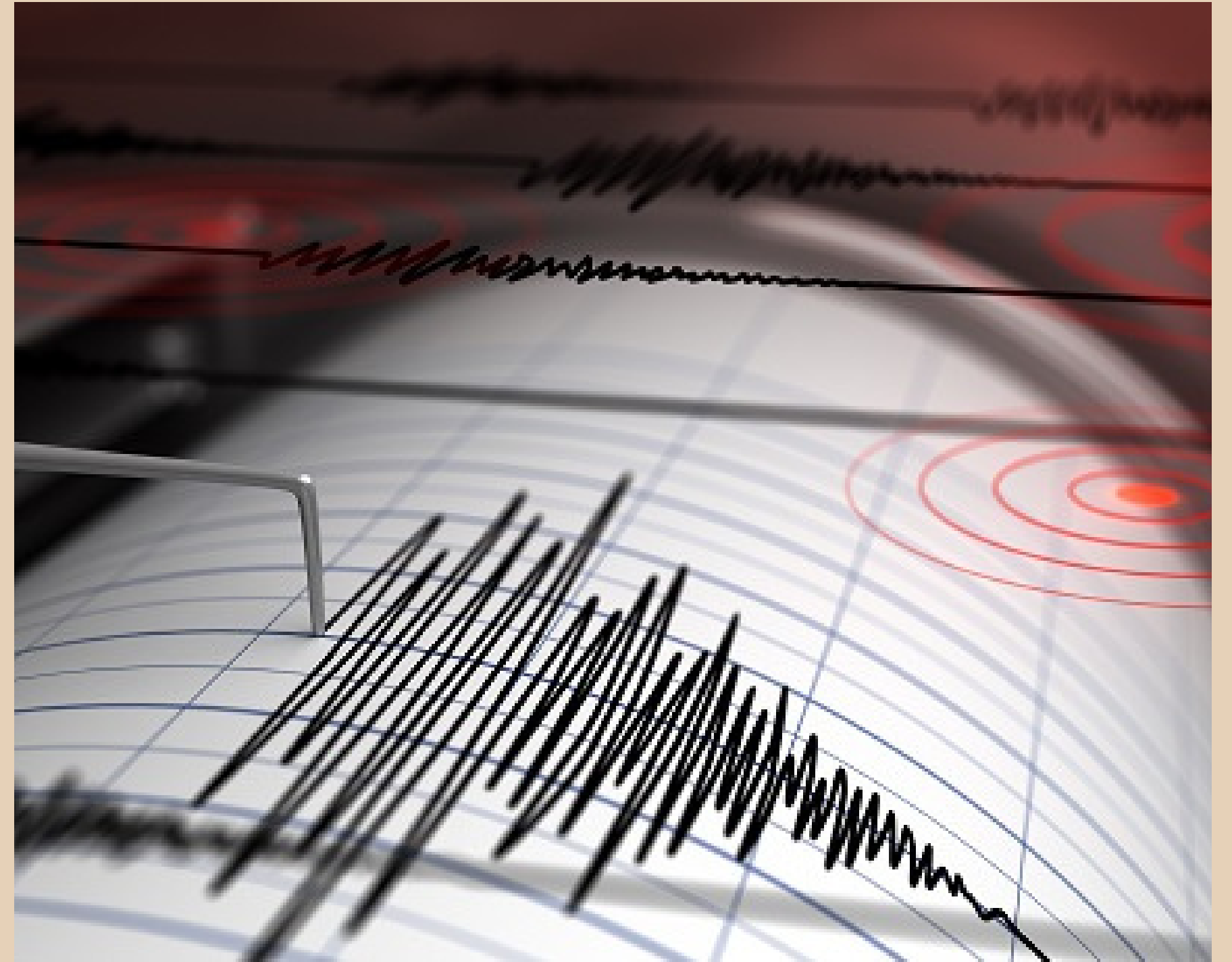


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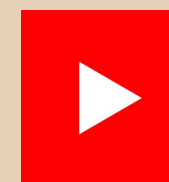
COMMUNICATION FORMATA AND ENGAGEMENT STRATEGY

As a first step we are researching material on the topic, contacting local administrations and our partners: Antonella La Faci, Istat Napoli representative, Dr. arch. Pasquale Pisano, the mayor of the municipality of San Martino Valle Caudina (AV), all the municipal administration and the technicians involved in carrying out the adaptation and Maria Senatore, contact person for the Unisa Salerno CDE centre. Furthermore, to spread the project, we have created pages on YouTube, Instagram, Twitter and Facebook and a website.

(<https://dev-fermitalent.pantheonsite.io>)



Source: google images



Touch on the logo to open our page



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The seismic risk, determined by the combination of hazard, vulnerability and exposure, is the measure of the damage expected in a given time interval, based on the type of seismicity, the resistance of the buildings and anthropization (nature, quality and quantity of the assets exposed). Italy presents a high seismic risk, in terms of victims, damage to buildings and direct and indirect costs expected following an earthquake.



Source: google images