



***Fare Scuola, fare scuole: rischio sismico,
educazione, prevenzione, sicurezza***



La pericolosità di base e gli effetti di sito nella stima di rischio degli edifici scolastici

Marco Mucciarelli,
Università della Basilicata
Direttore CRS-OGS

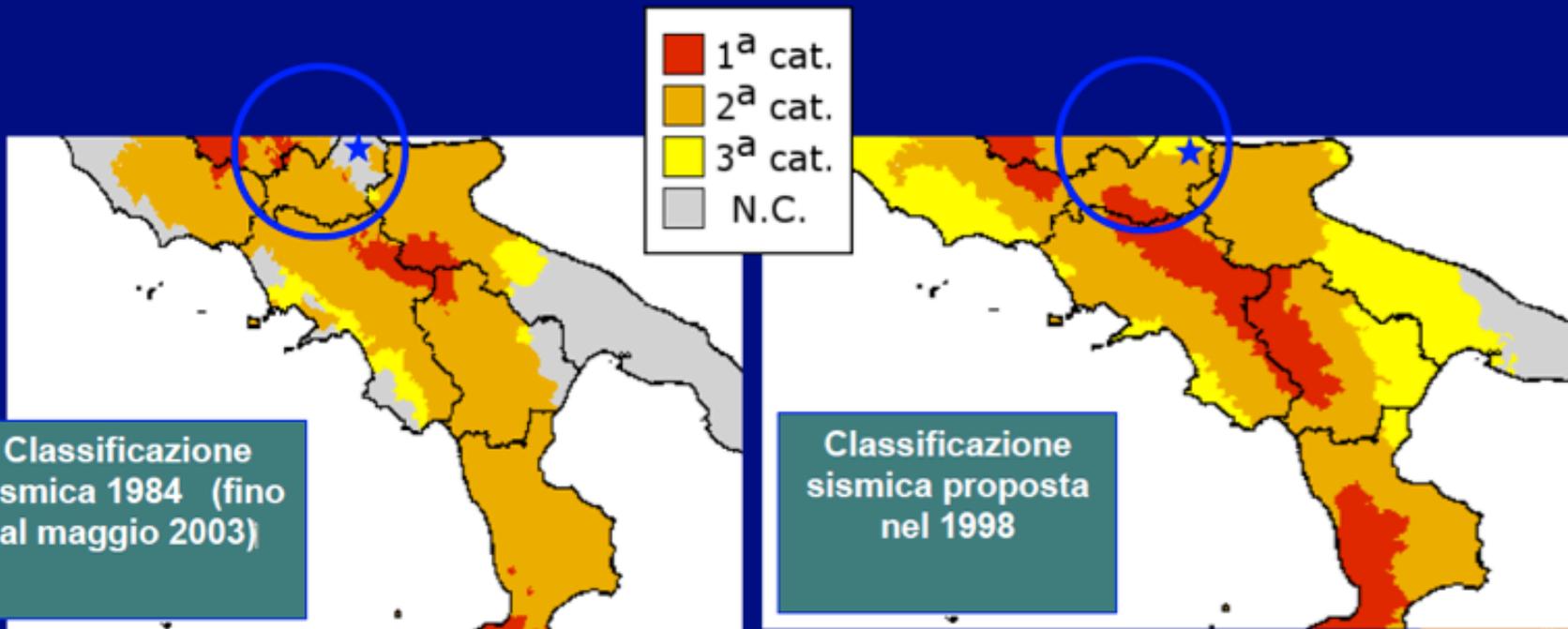
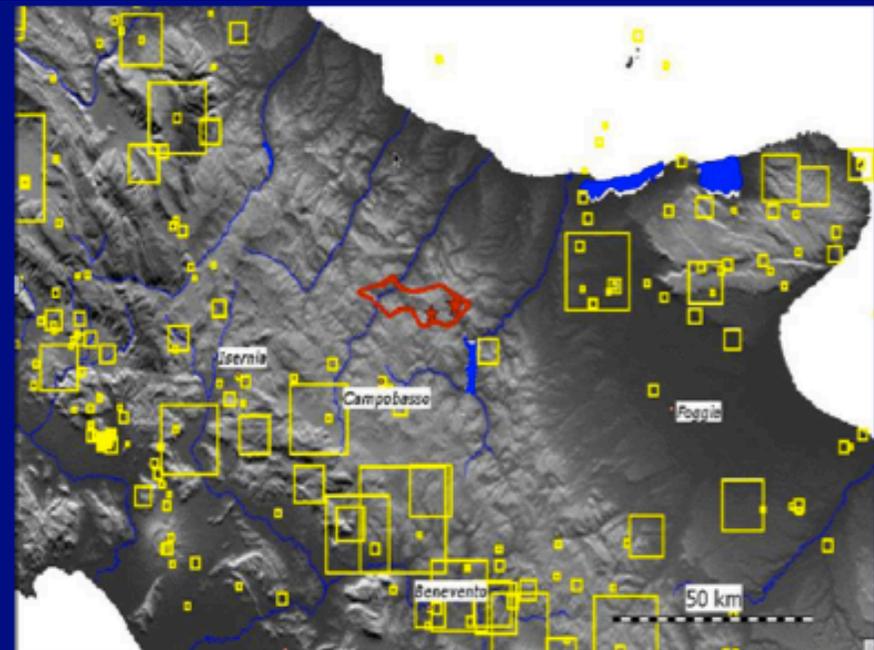




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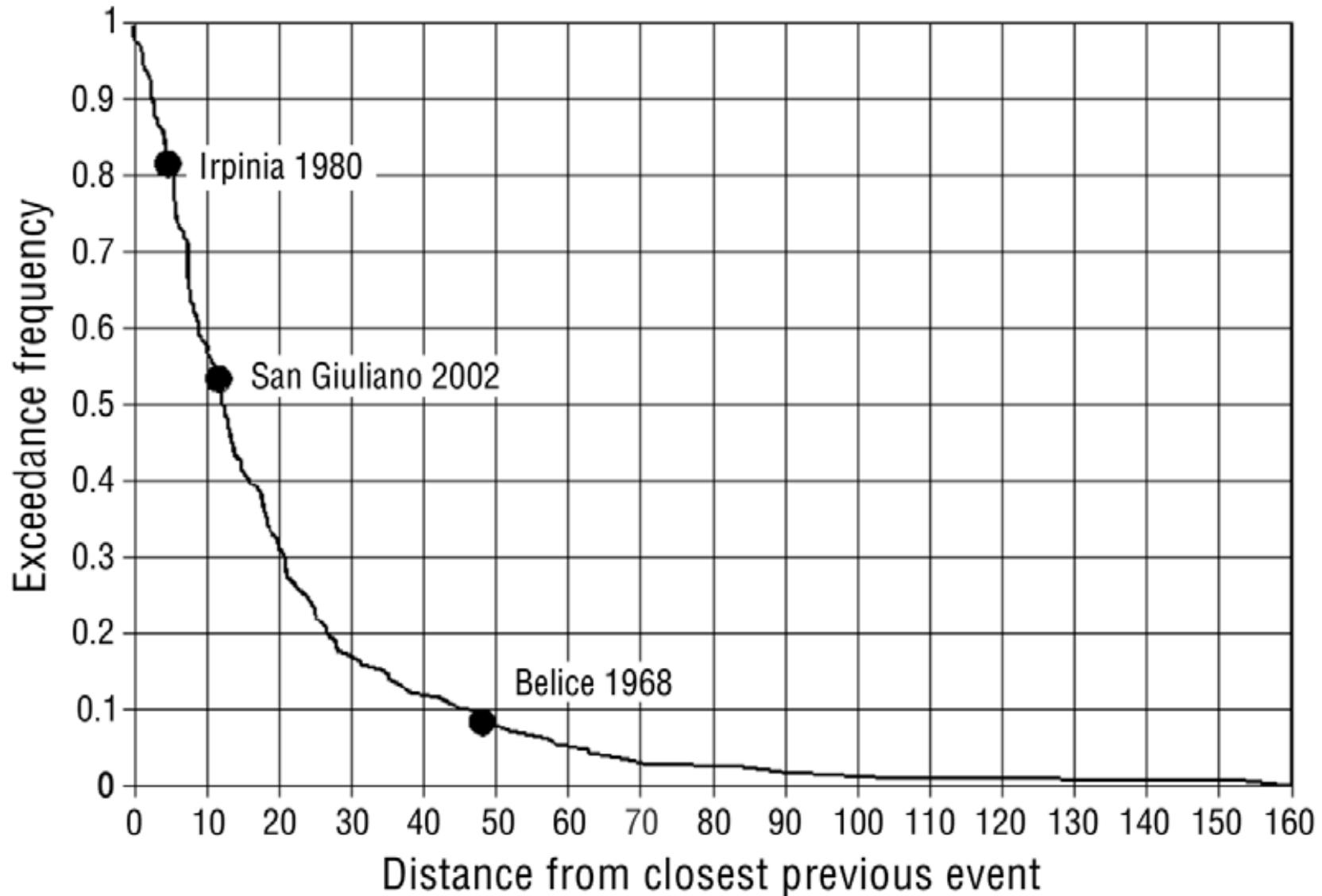


La terribile lezione di San Giuliano di Puglia, 2002



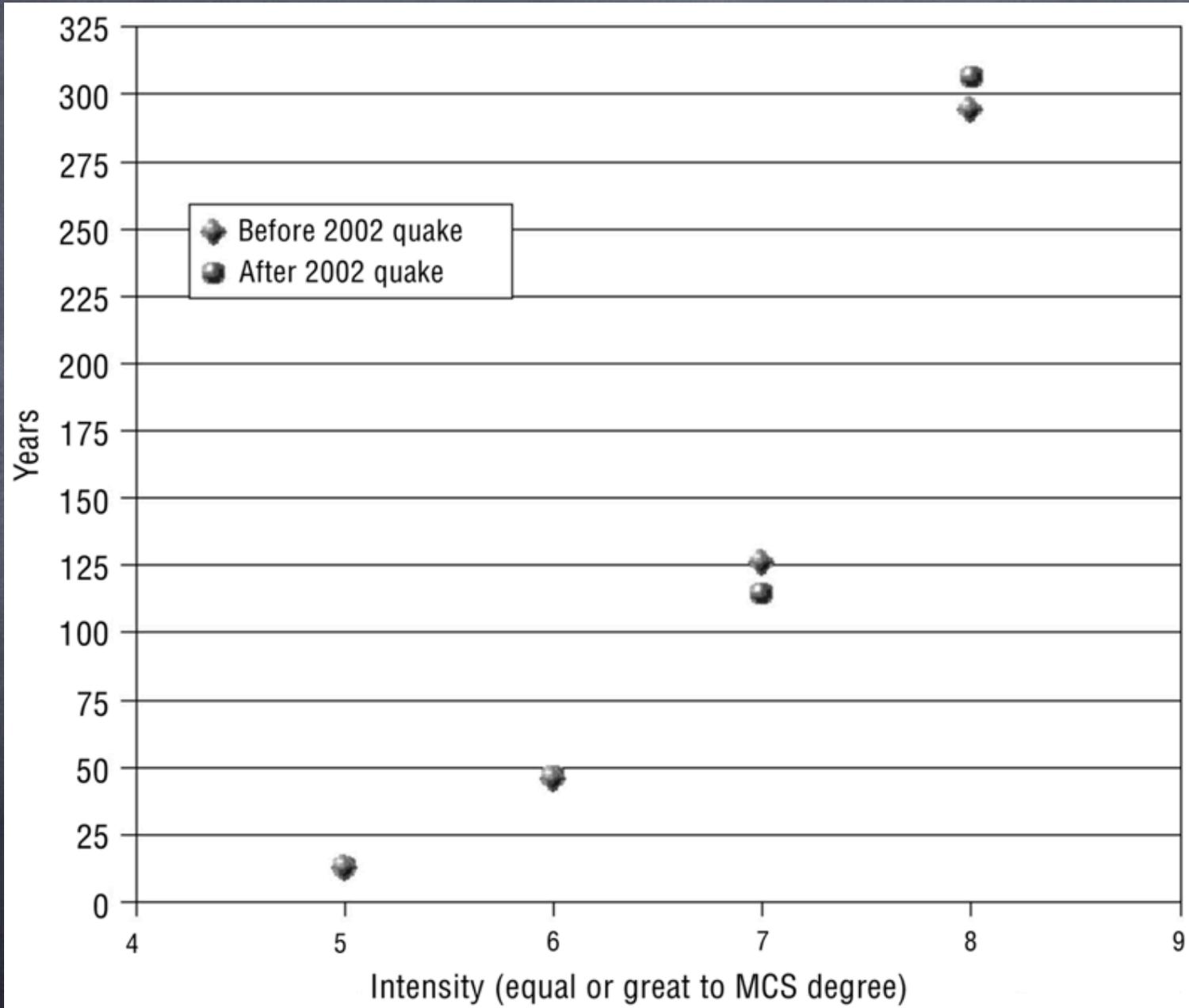
← Atteso

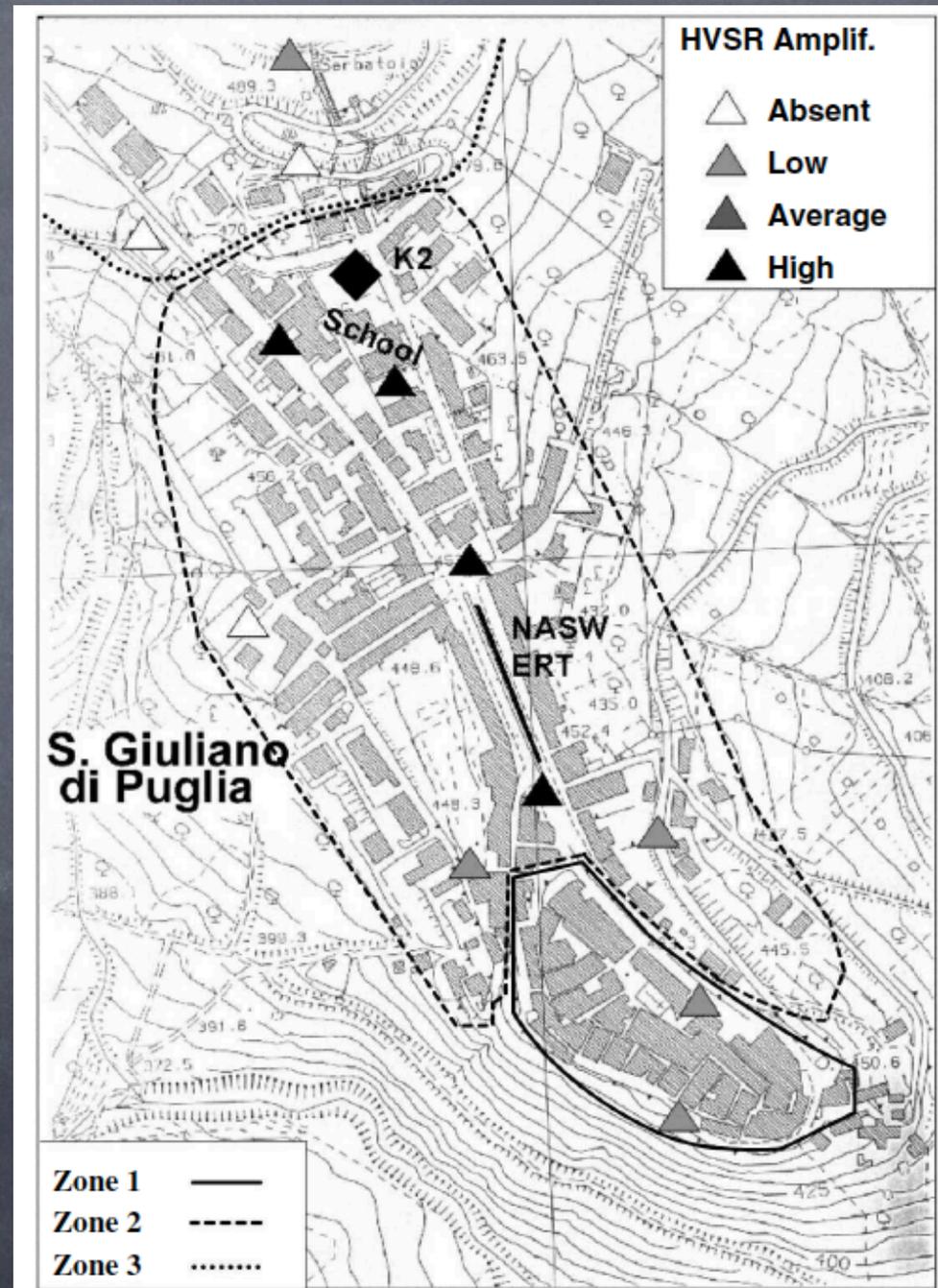
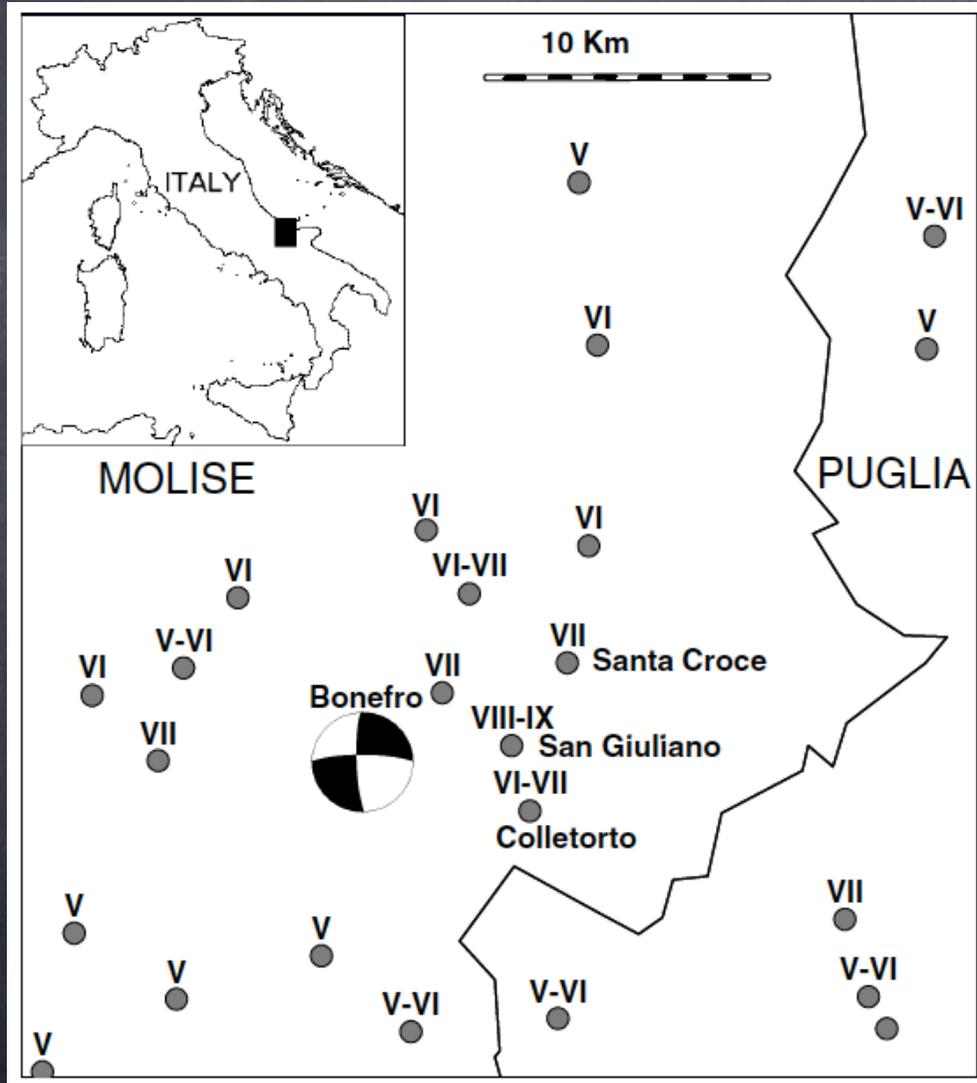
Sorpresa →





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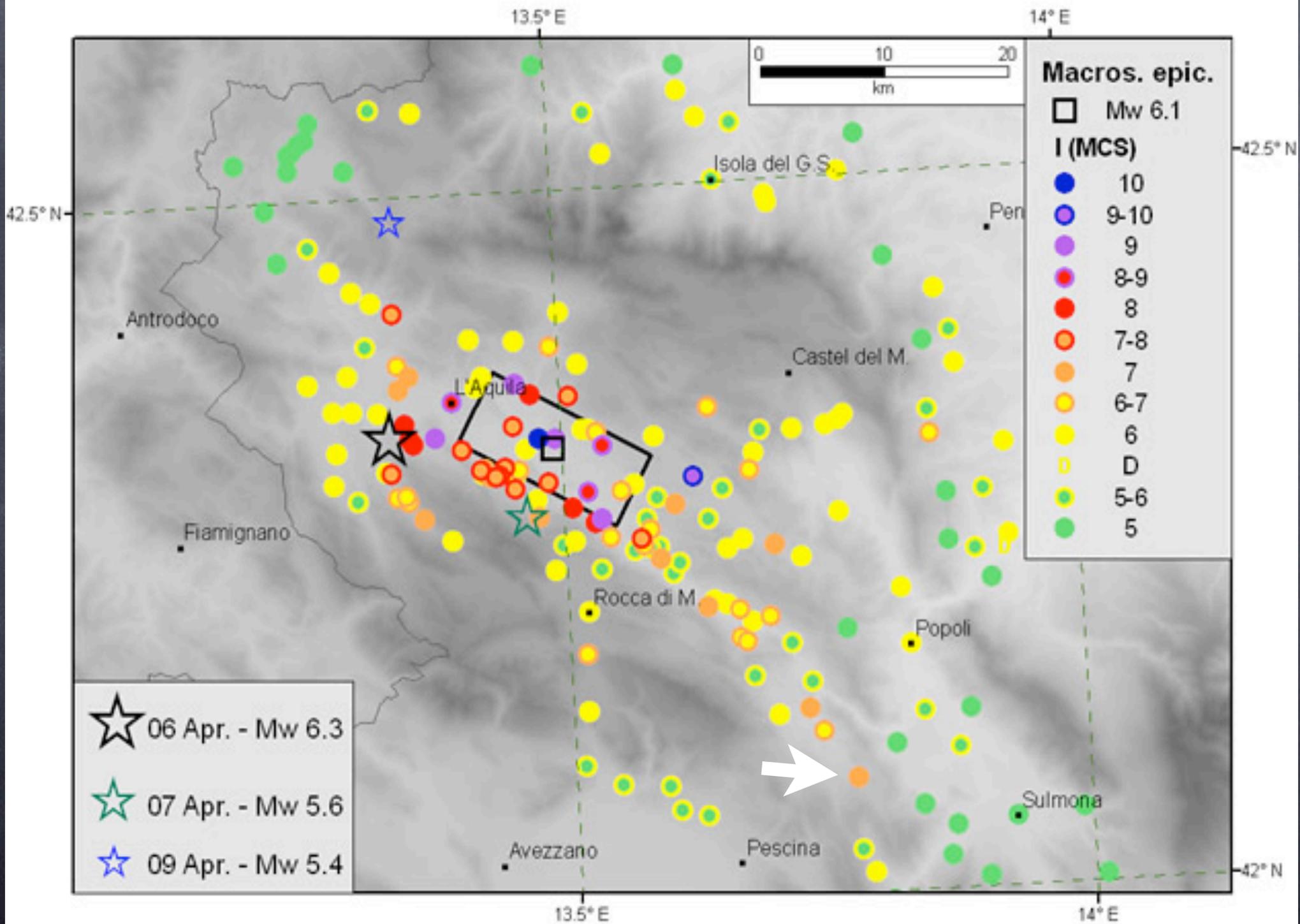
All'Aquila le scuole erano
chiuse...per fortuna!

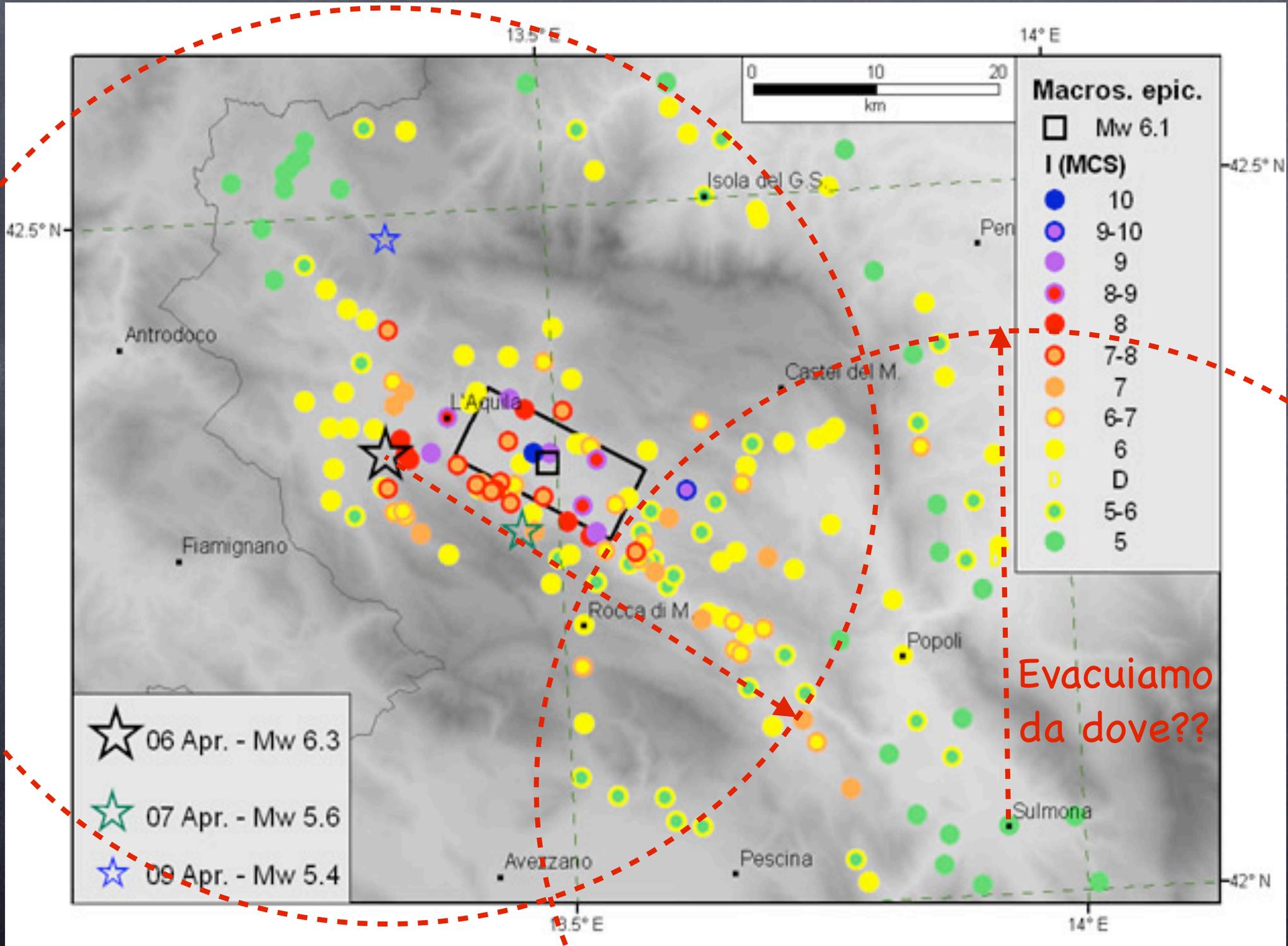
ovvero

Dell'inutilità della
previsione

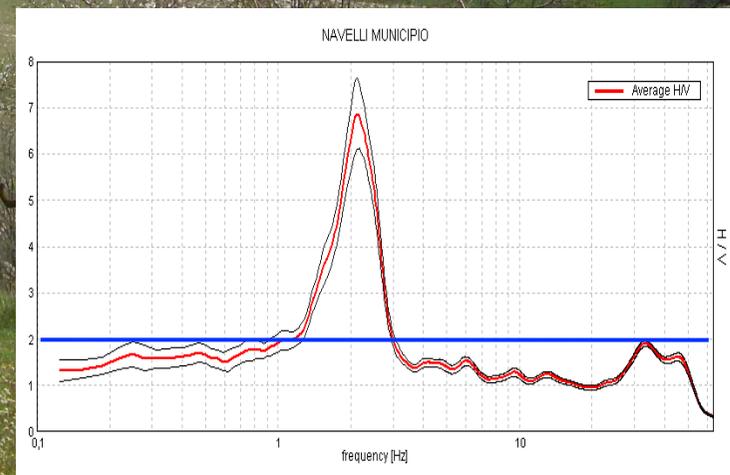
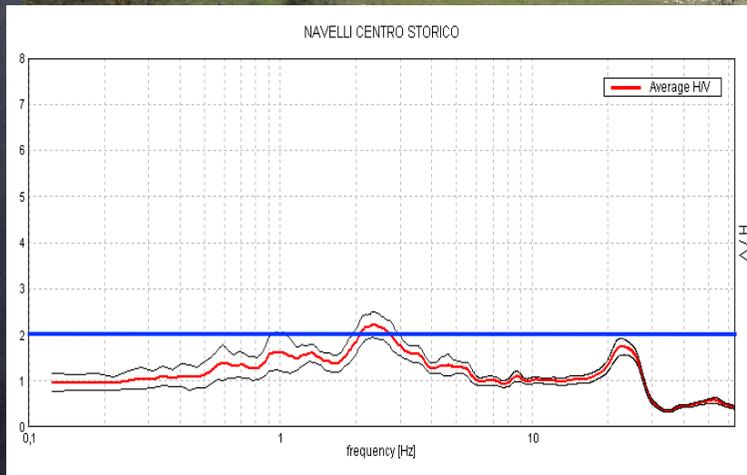
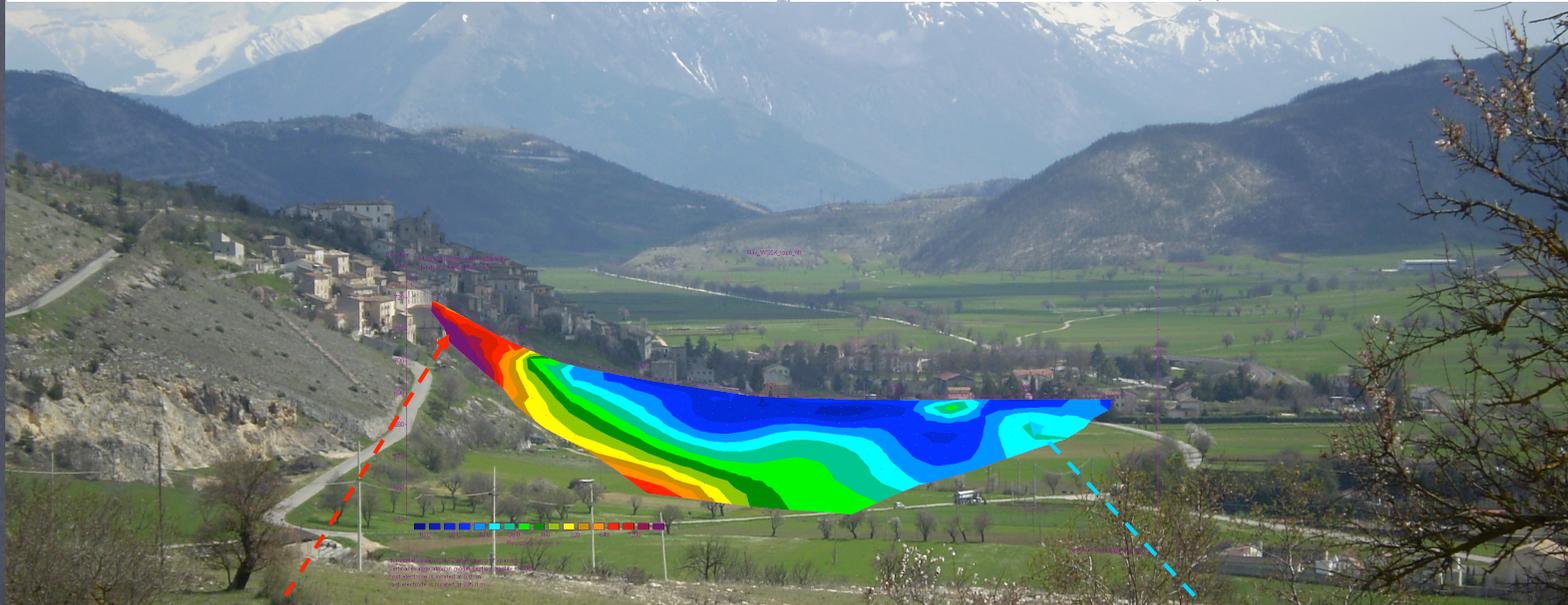
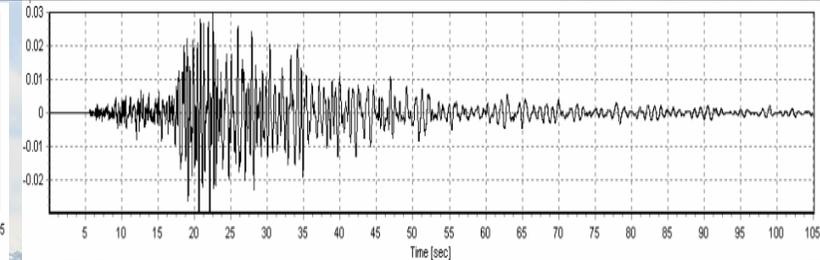
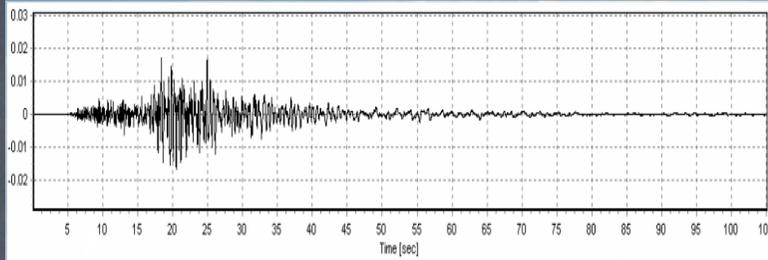
Perchè è importante
il collasso parziale
della scuola di
Goriano Sicoli?



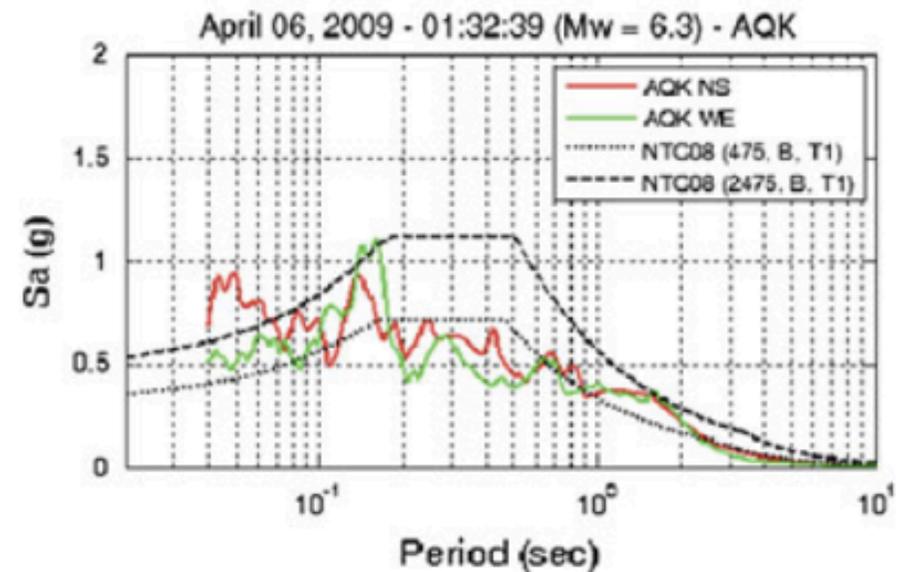
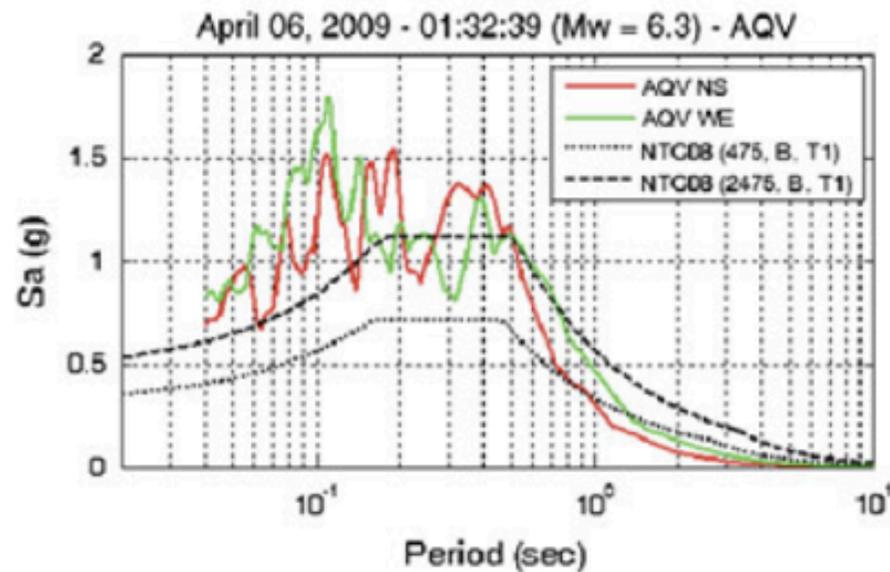
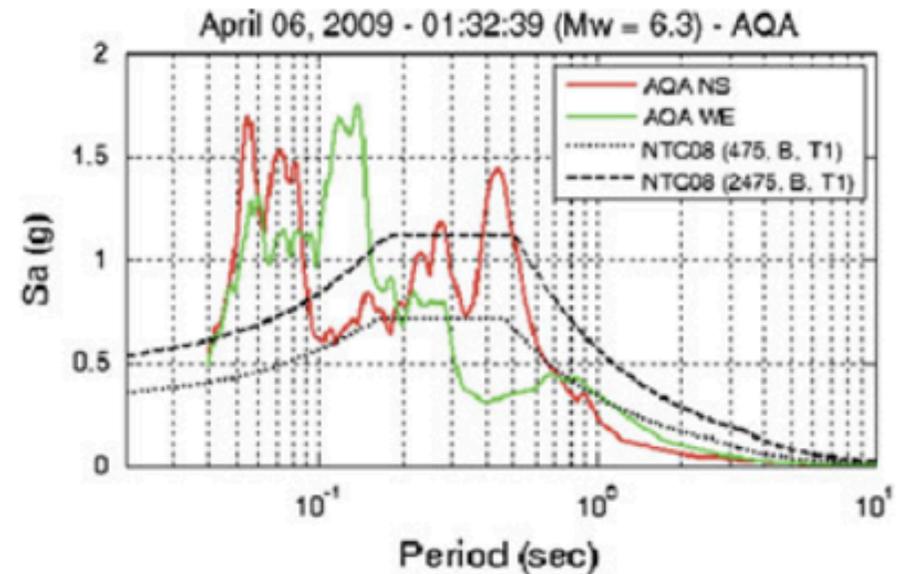
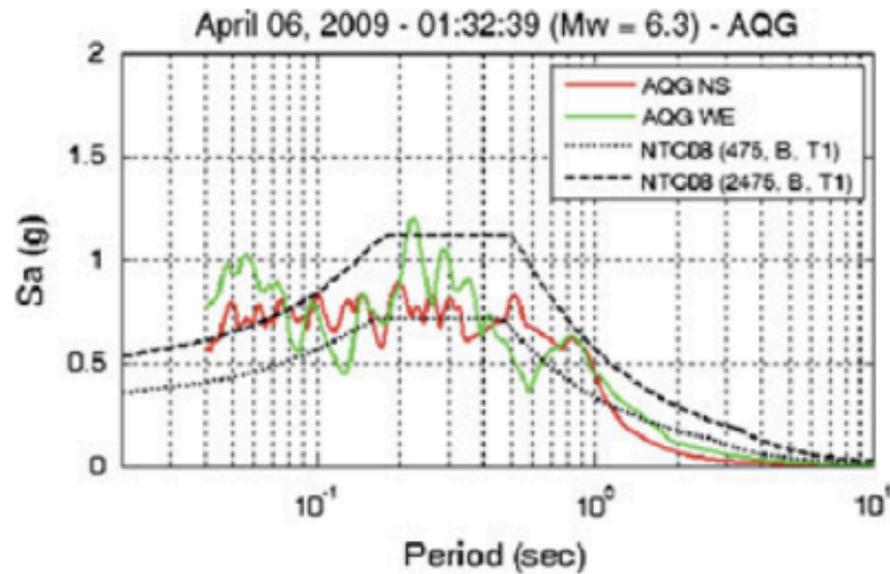




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Bull Earthquake Eng



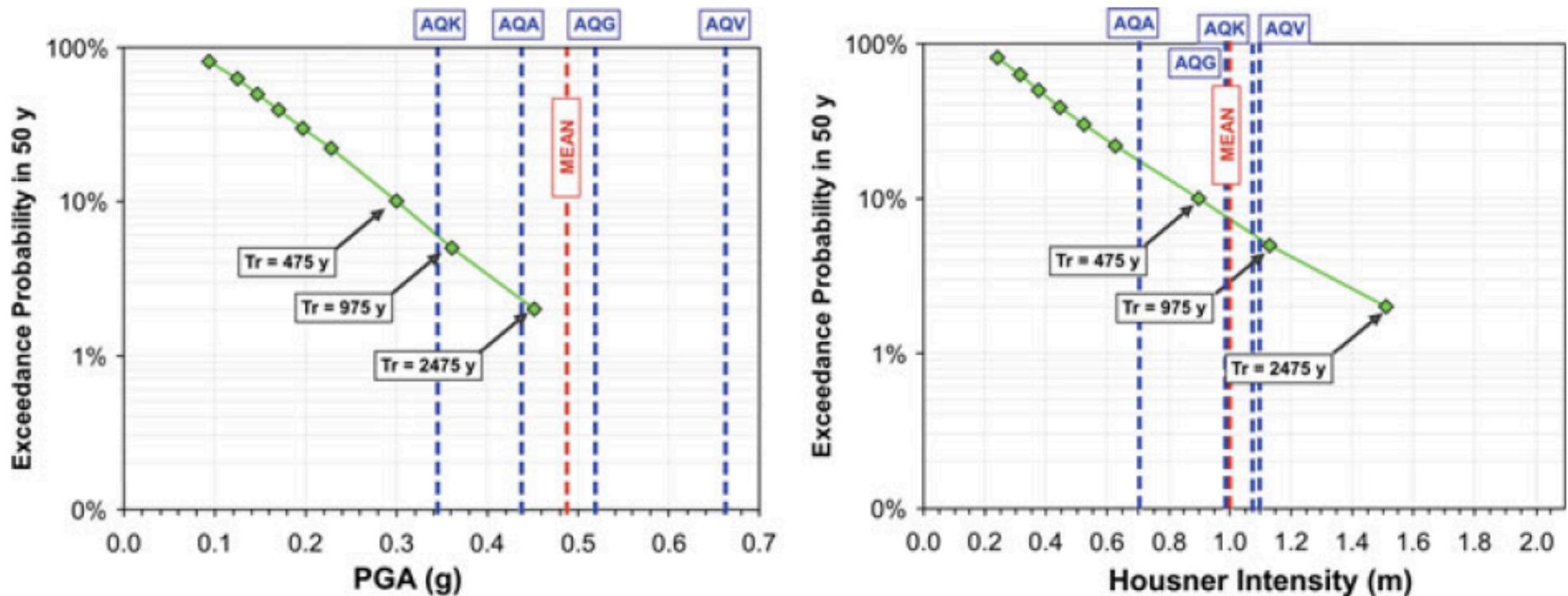
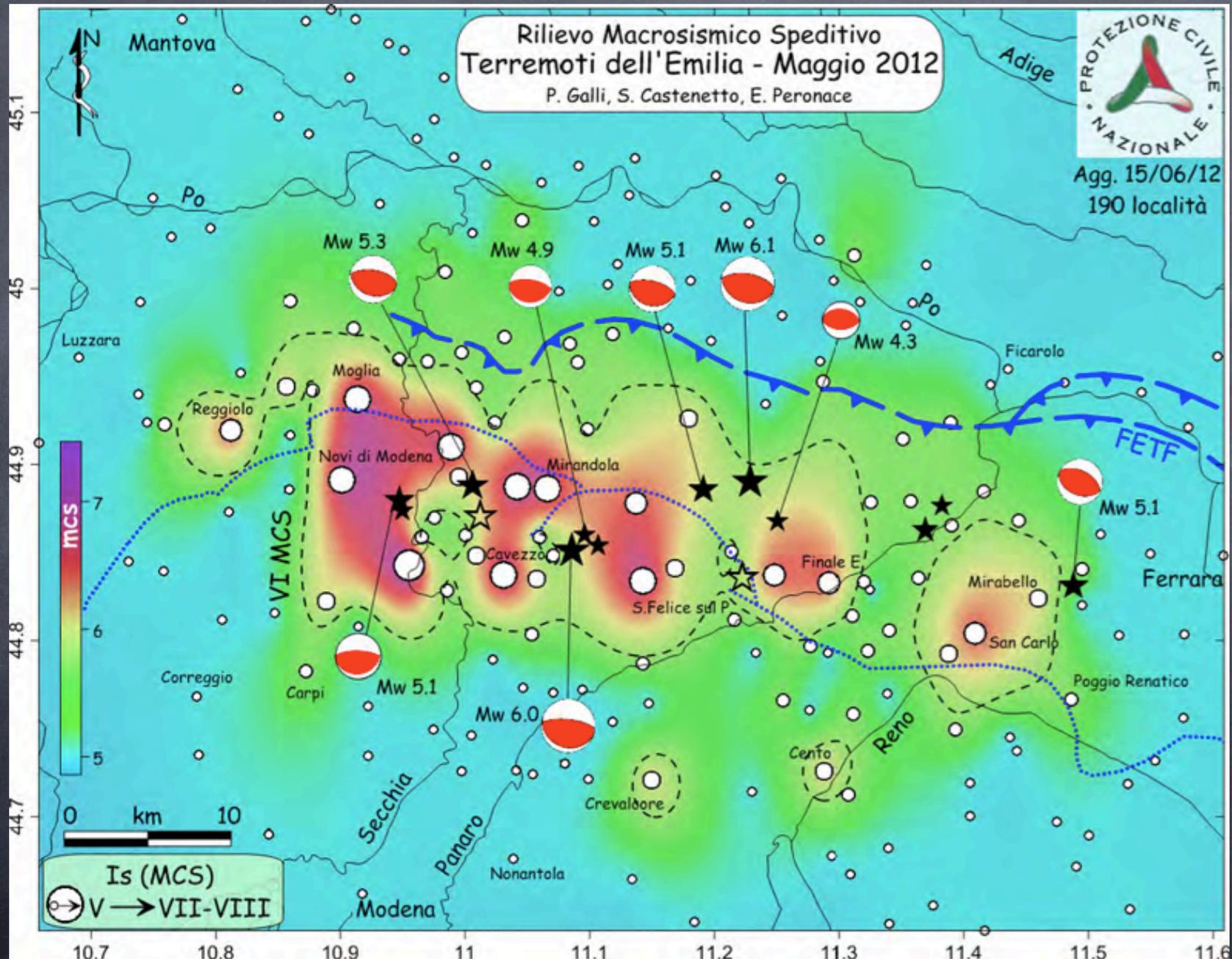
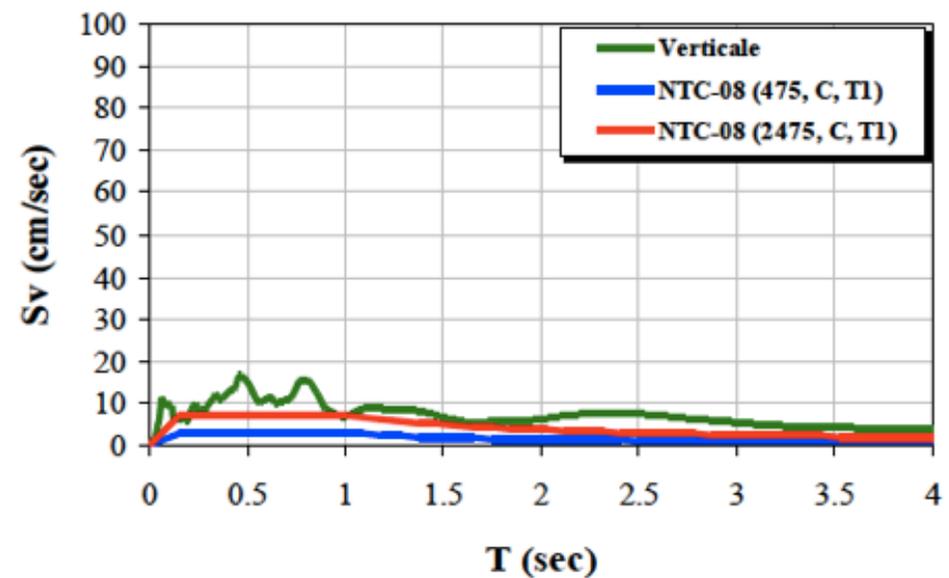
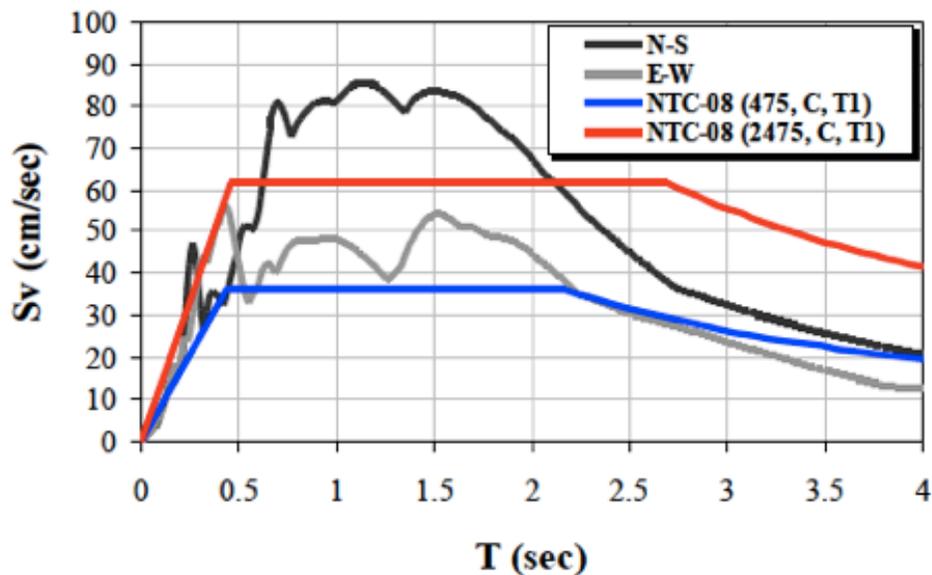
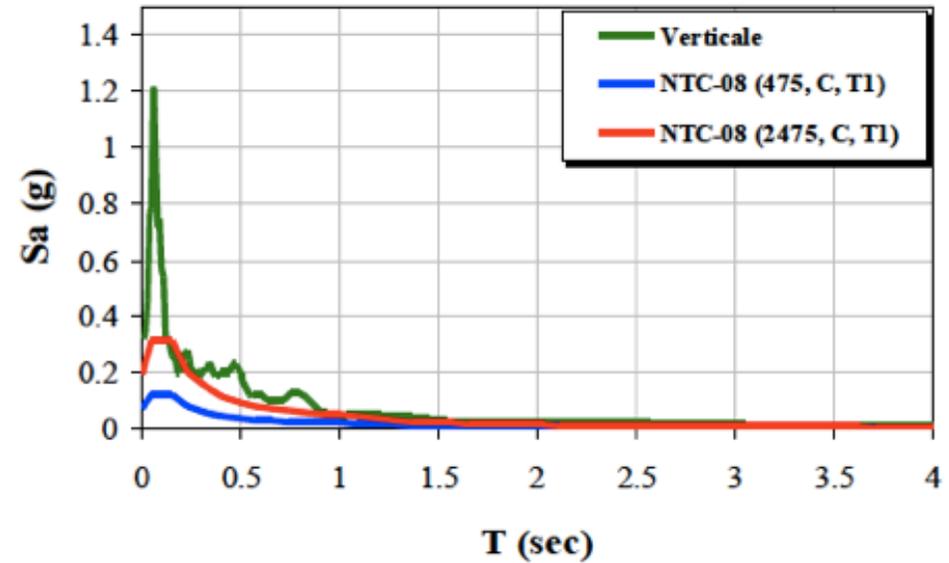
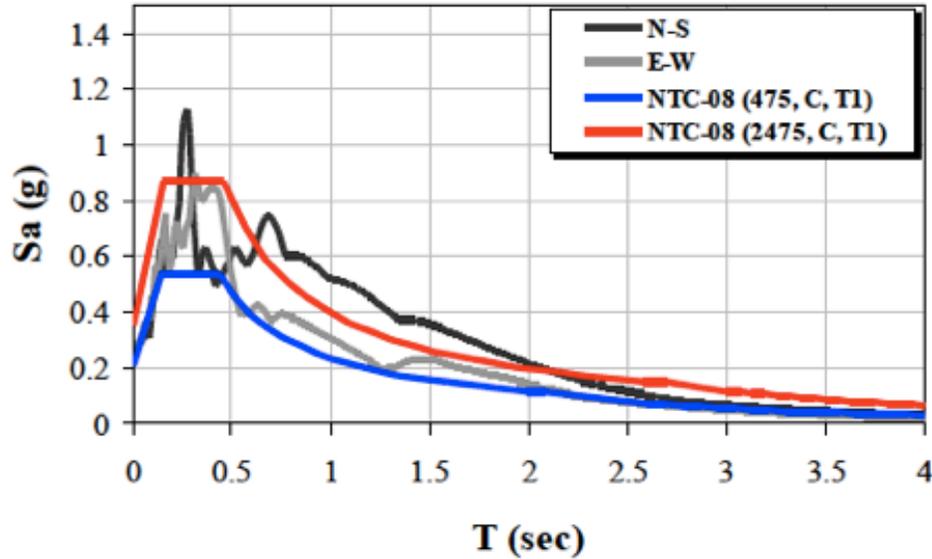


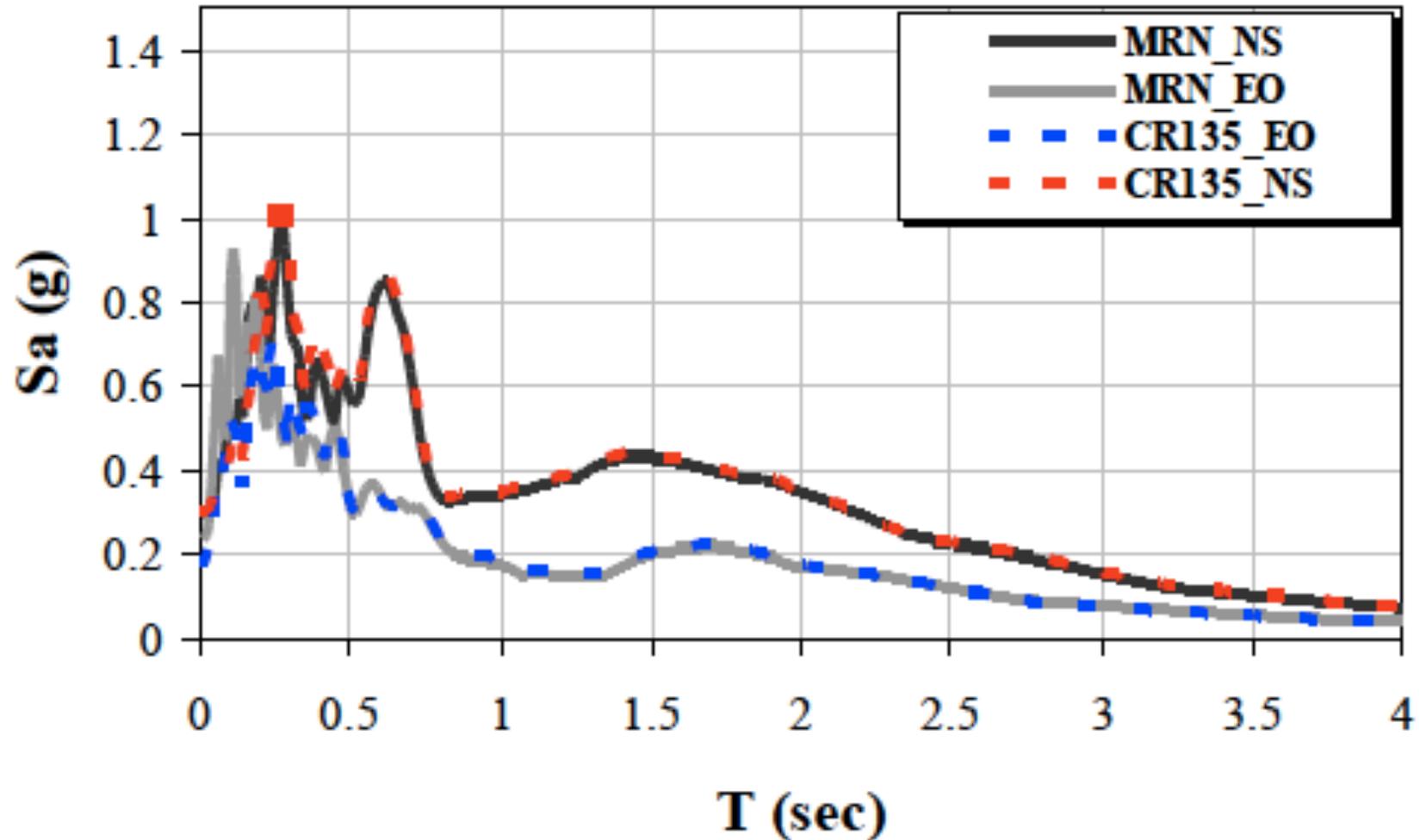
Fig. 8 Exceedance probability in 50 years at L'Aquila town provided by the NTC2008 code for soil class B in terms of PGA (on the *left*) and Housner Intensity (on the *right*); the maximum values of the horizontal components recorded at the four stations are also displayed (*blue dashed lines*) together with their mean (*red dashed lines*)

Anche in Emilia
le scuole erano
vuote....

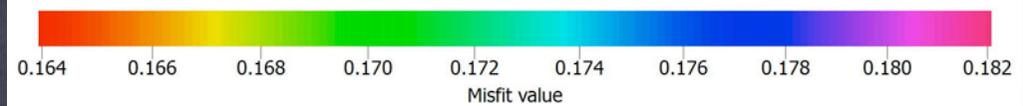
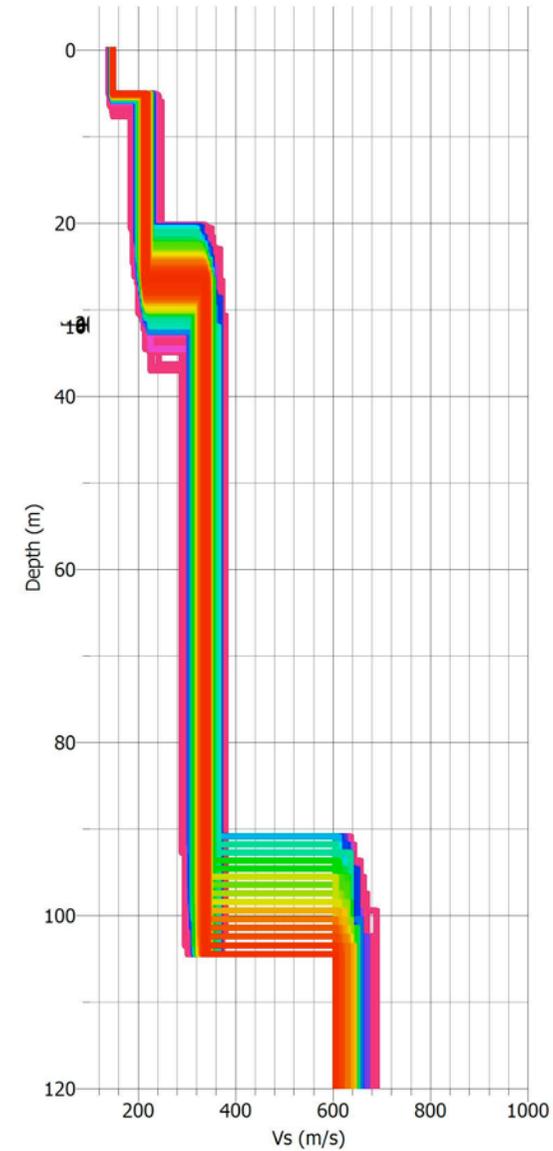
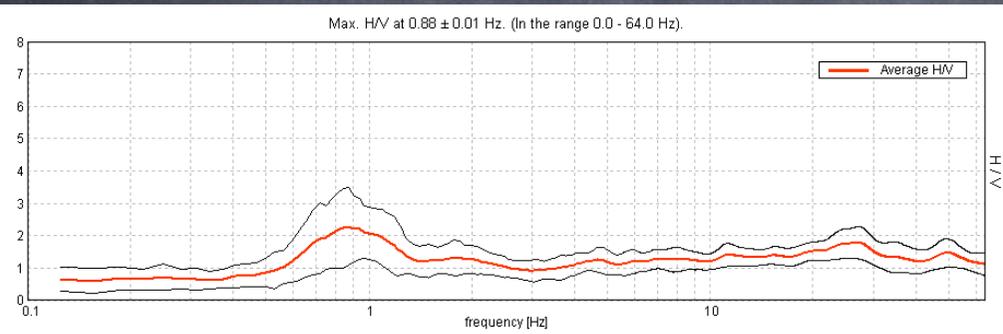
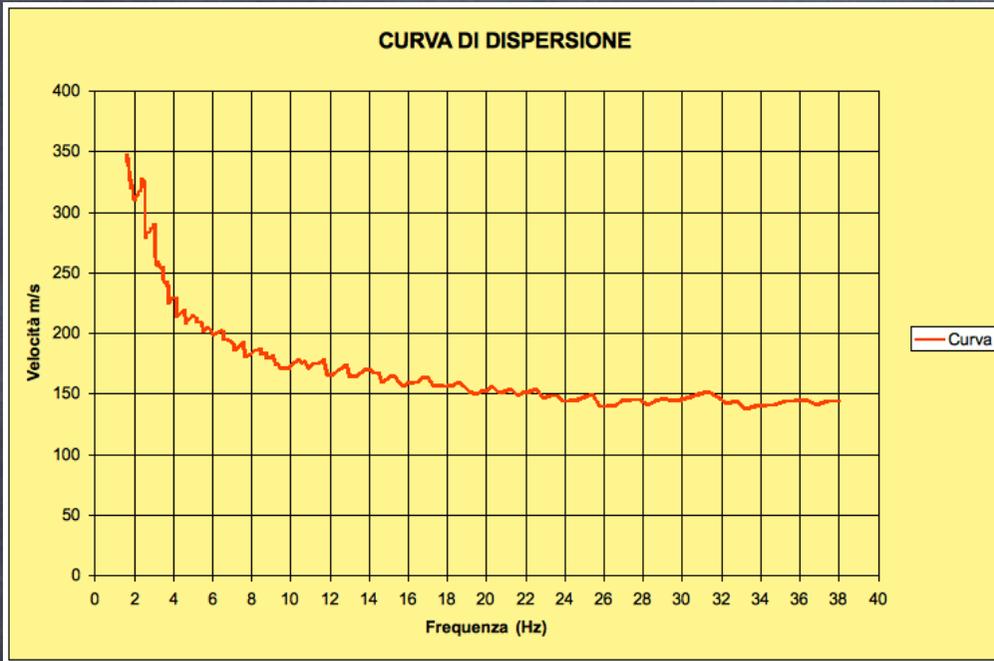




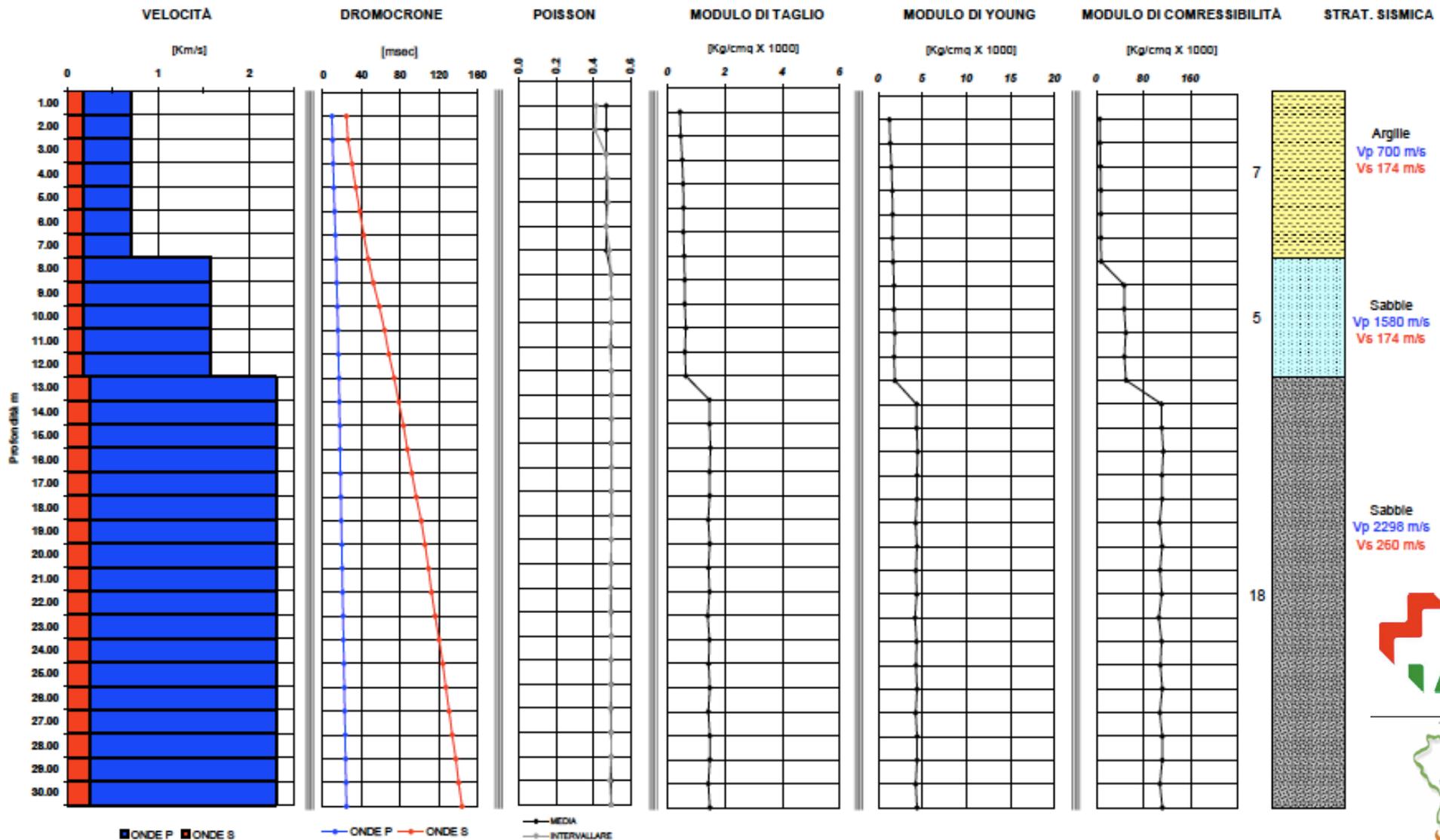


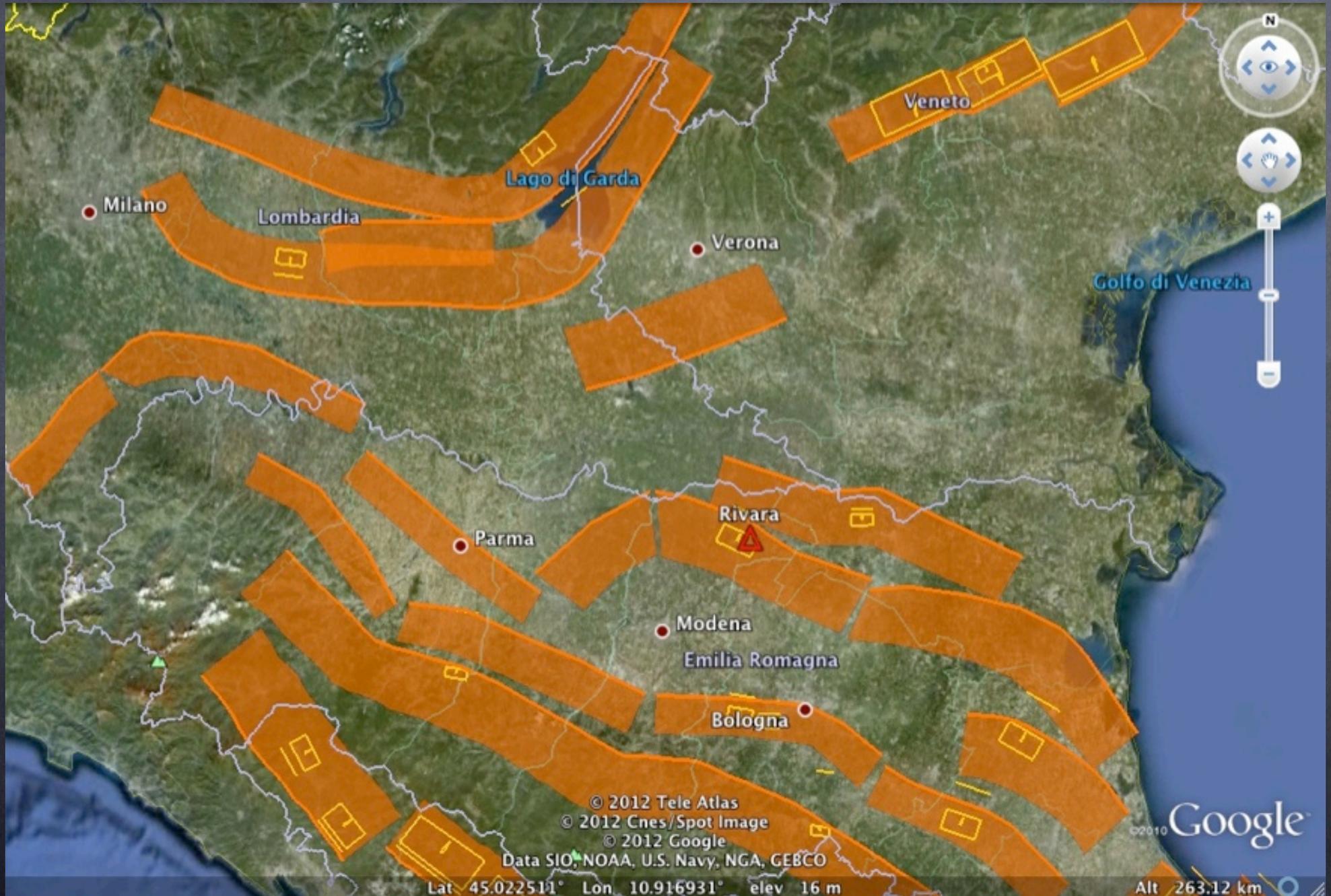


Mirandola, confronto tra stazione RAN e stazione temporanea UniBas/CNR-IMAA



MIRANDOLA (MO)
INDAGINE: DOWN-HOLE DH 01
PROFONDITÀ: m 30
ESEGUITA IN: Sondaggio S01



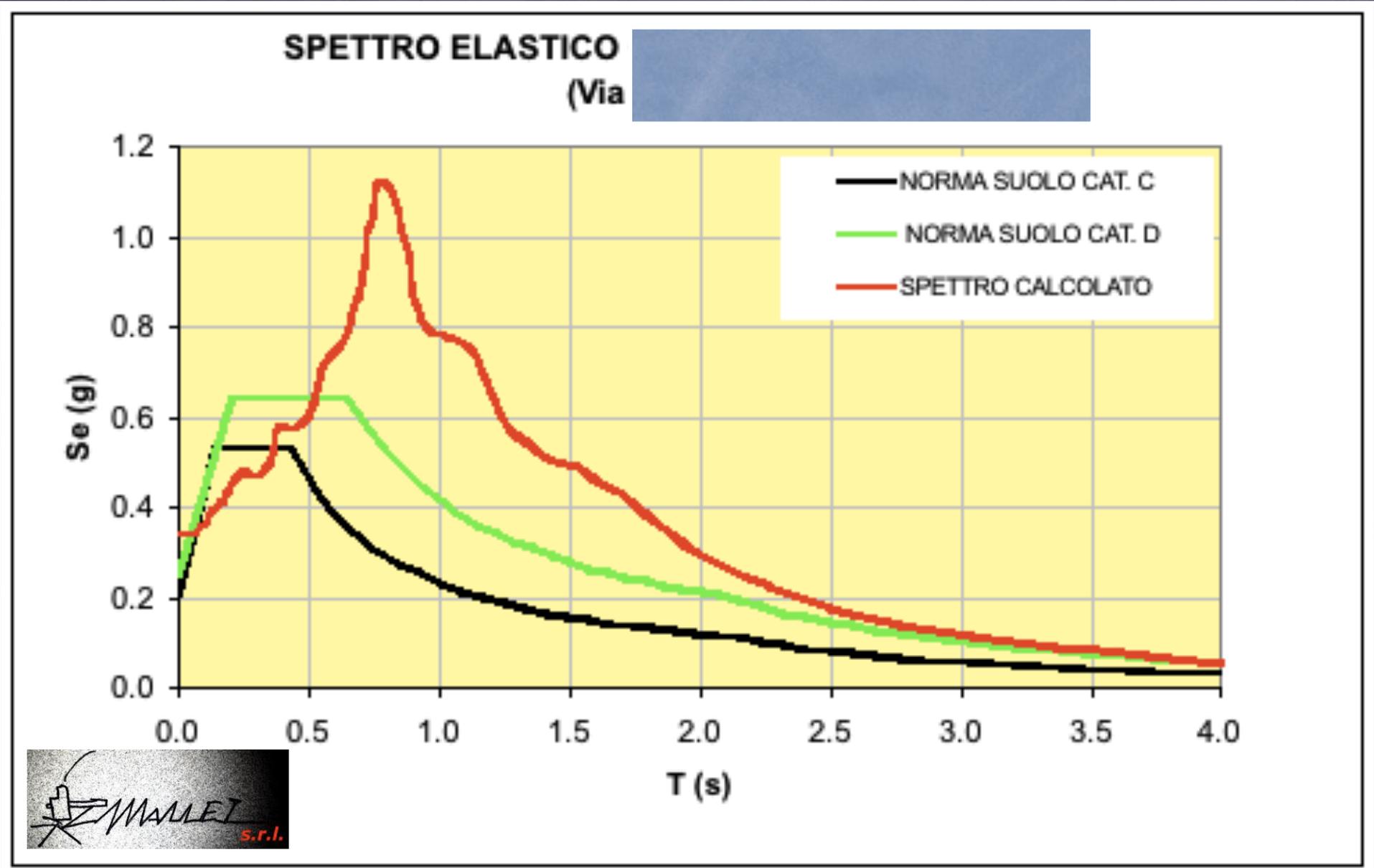




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In prossimità di una faglia attiva
si può progettare per il
terremoto massimo credibile
e poi considerare gli effetti di
sito nella risposta sismica locale
e non in forma semplificata



↑ (una start-up di UniBas)



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L'esempio precedente è uno studio commissionato da un imprenditore per la ricostruzione di un capannone.

Ovvero: un privato fa per la propria azienda quello che il pubblico non fa per una scuola.





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