



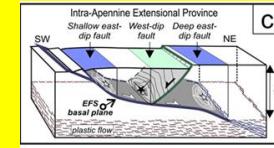
36° Convegno Nazionale  
Trieste 14-16 novembre 2017



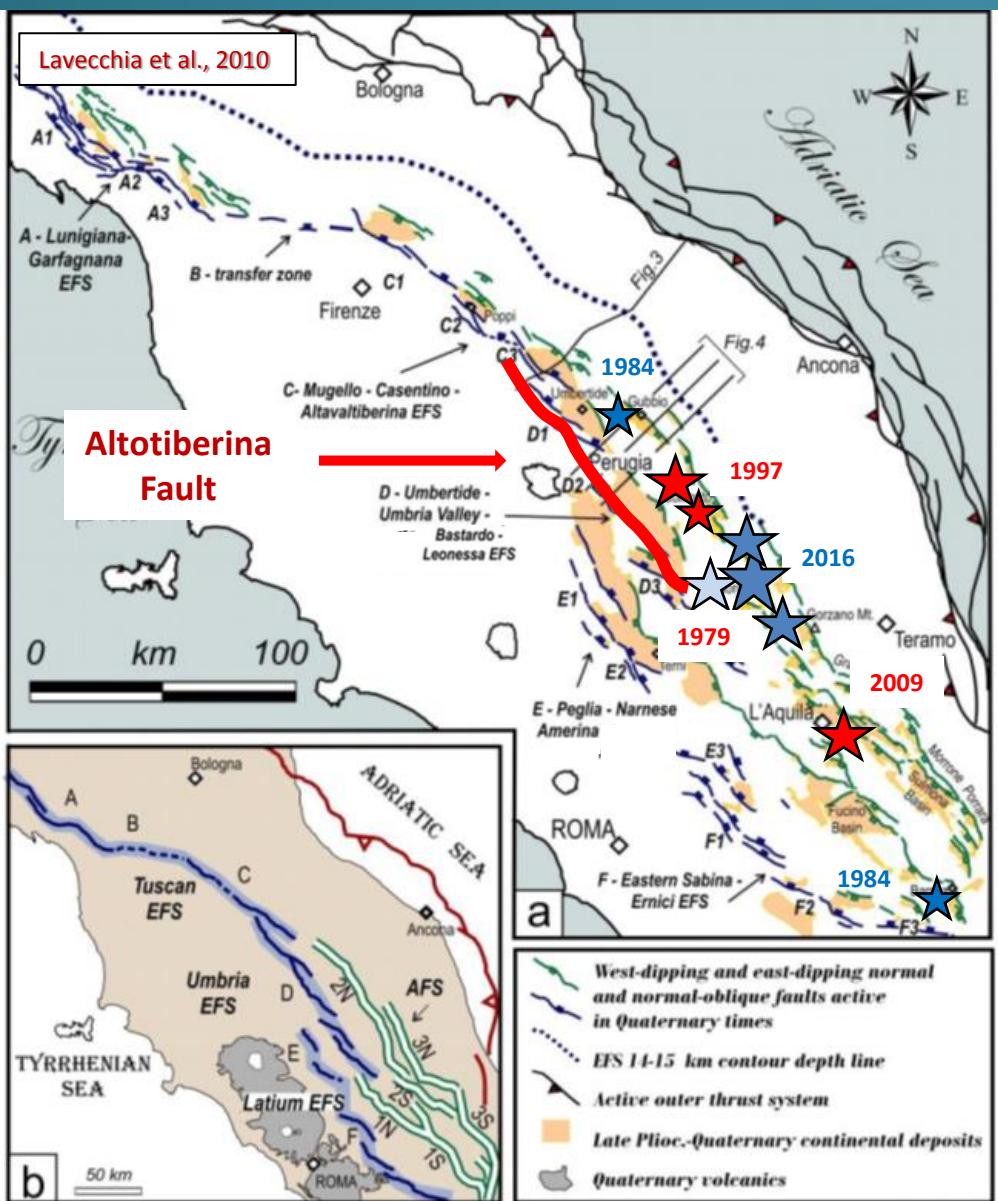
## STRUCTURAL STYLE OF SEISMOGENIC EXTENSION IN CENTRAL ITALY - A 3D INSIGHT FROM L'AQUILA 2009 AND CENTRAL ITALY 2016-17 SEISMIC SEQUENCES



G. Lavecchia, R. de Nardis,  
F. Ferrarini, D. Cirillo & F. Brozzetti  
CRUST-UR Chieti



# Regional structural style for Quaternary and seismogenic extension

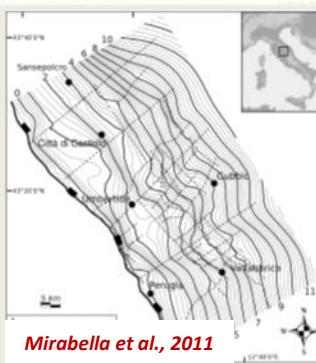
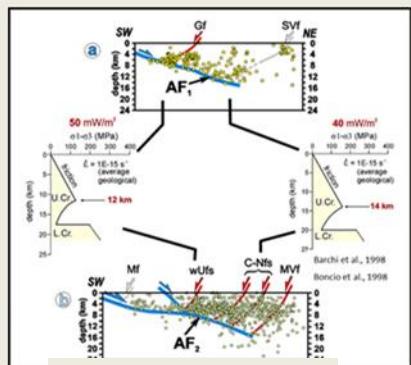
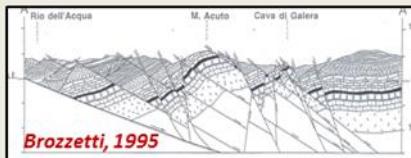


## Historical documentation of Altotiberina Fault

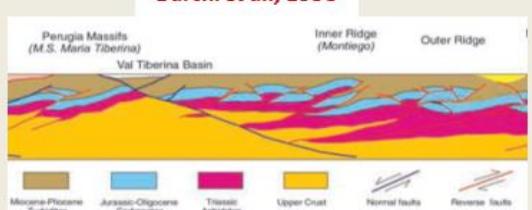
An inedito photo of the Altotiberina Fault at Monte Malbe by G.Dessau 1956



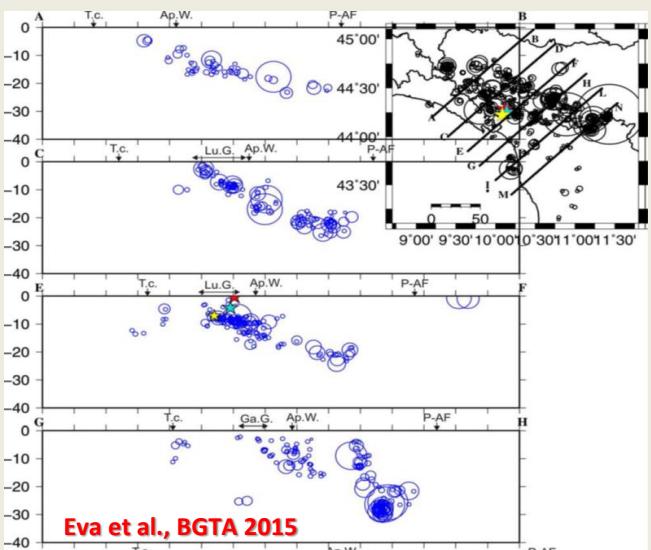
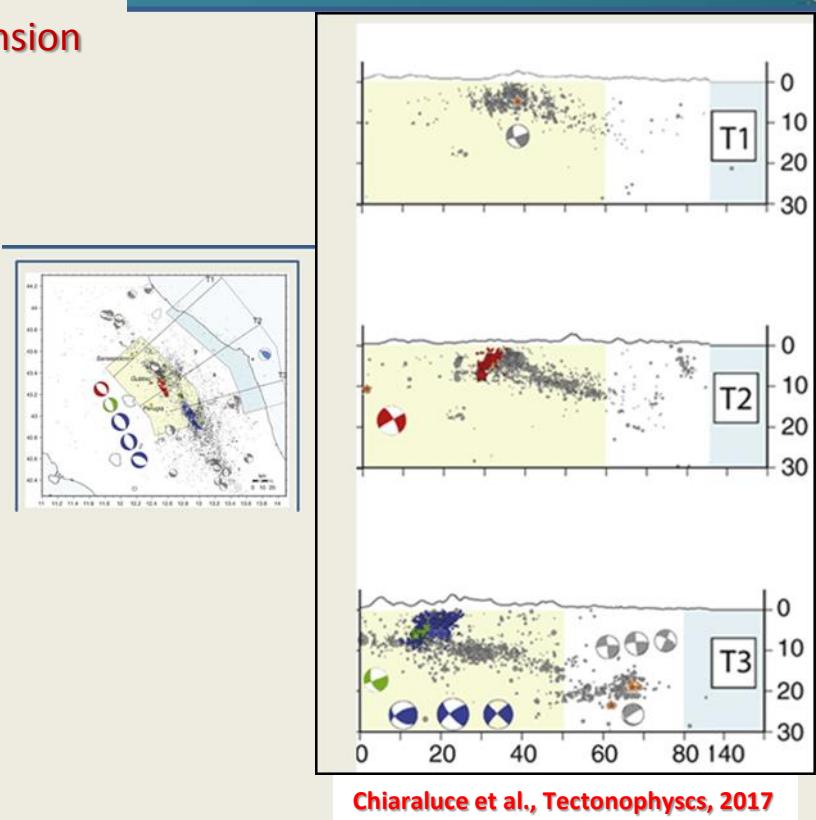
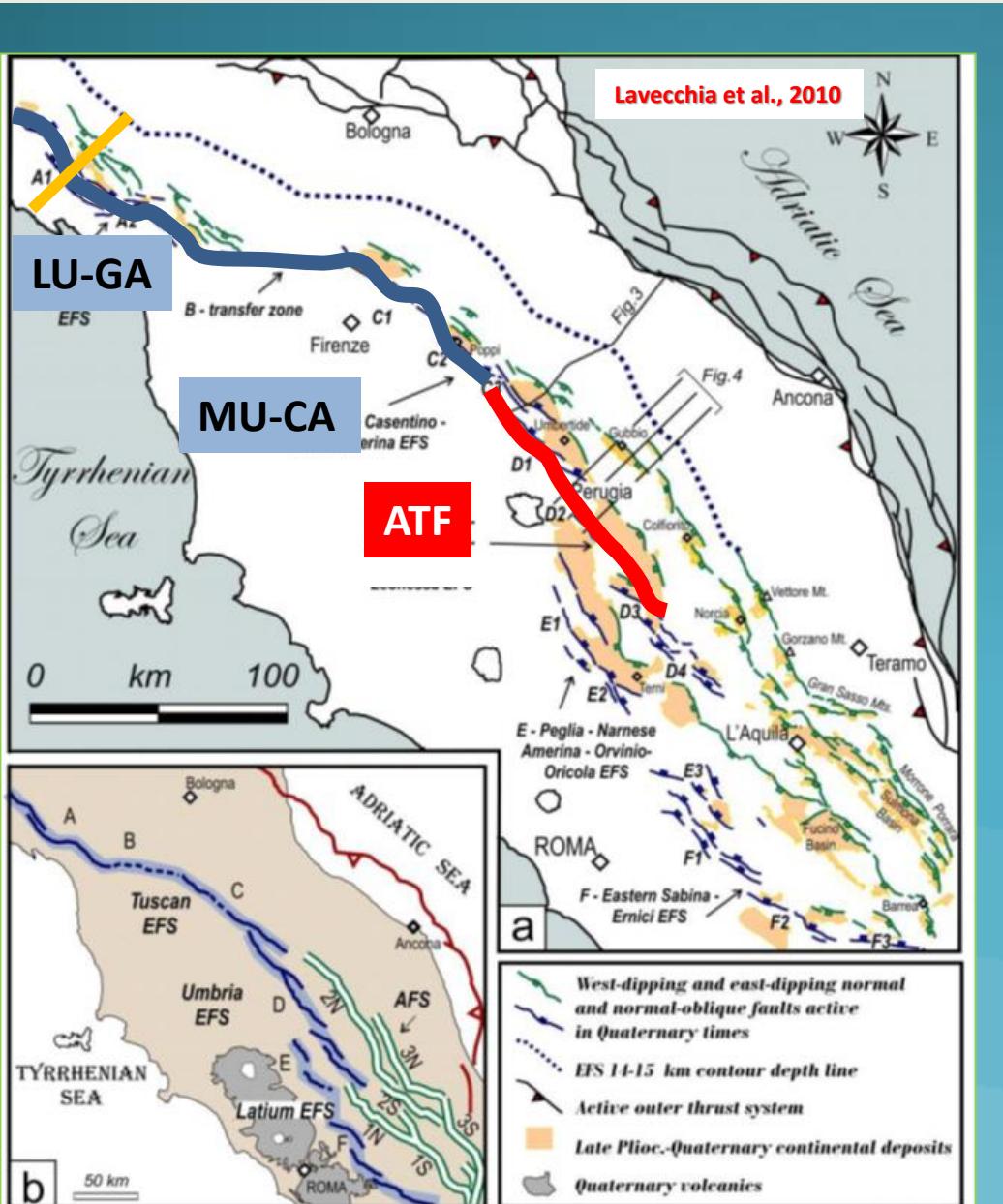
... and forty years later....



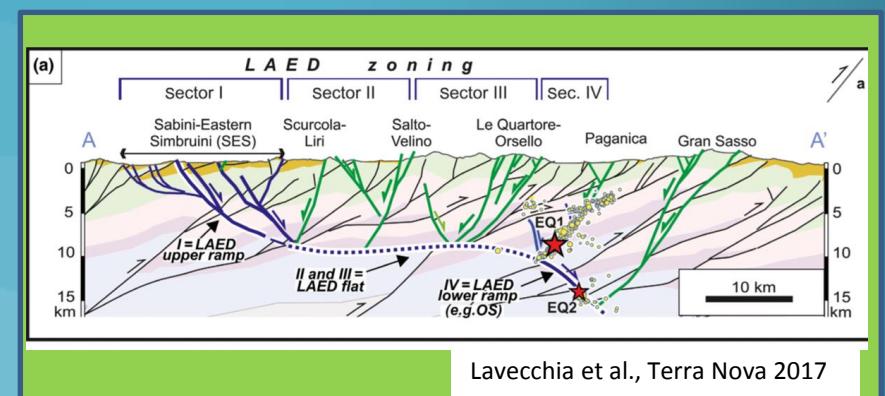
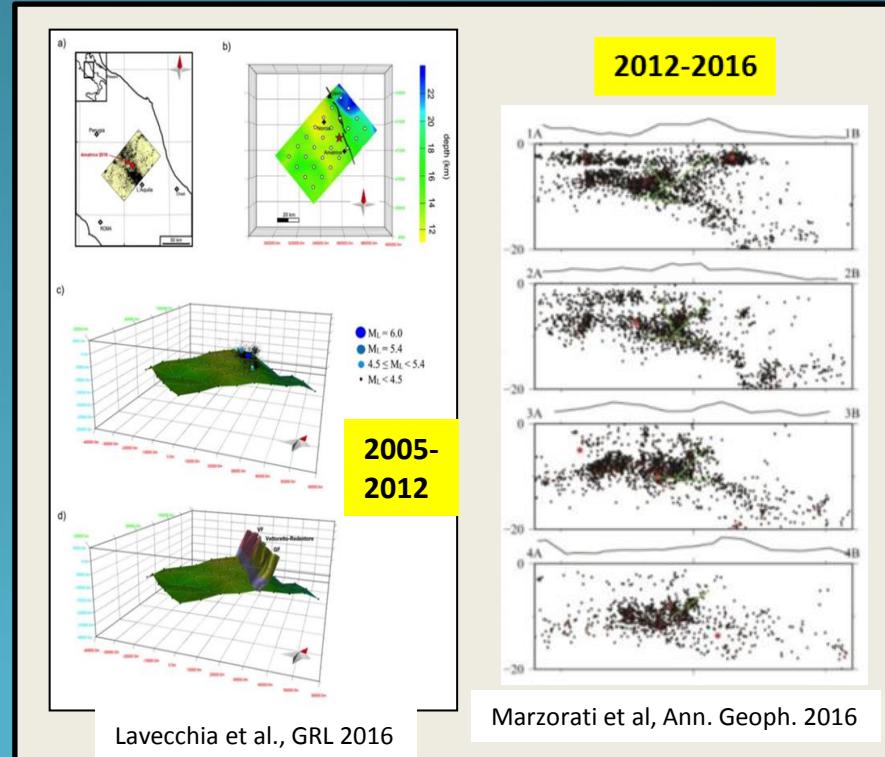
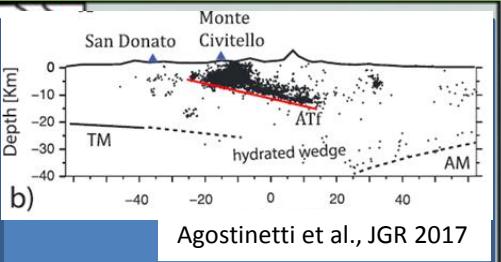
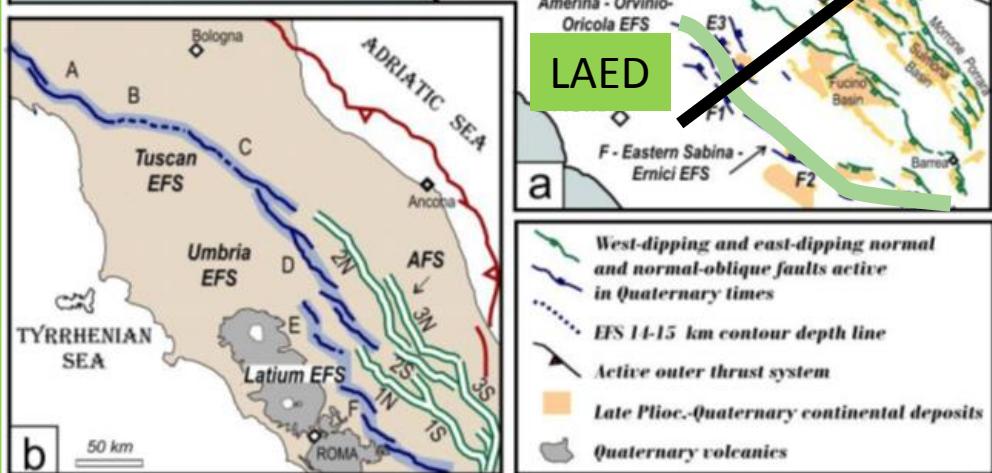
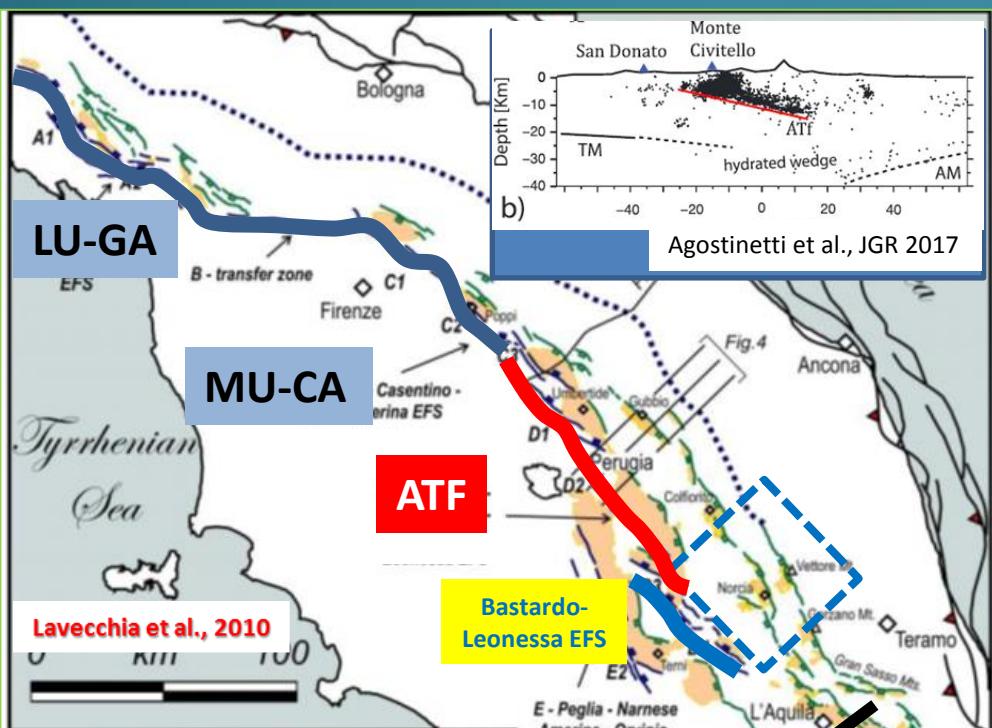
**Barchi et al., 1998**

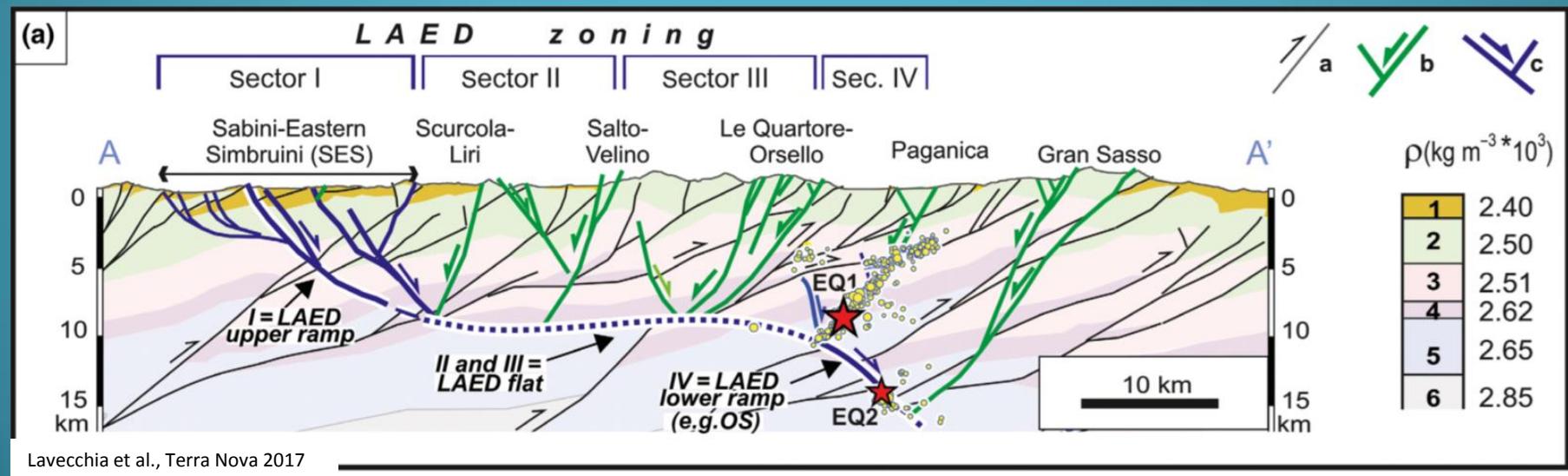
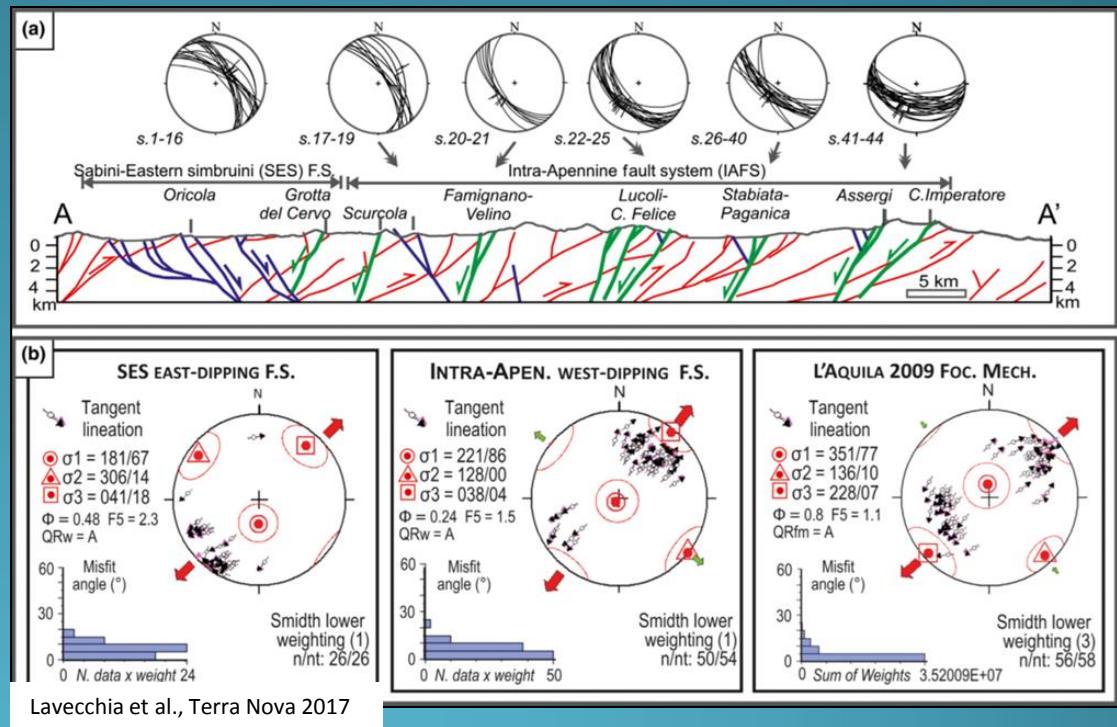
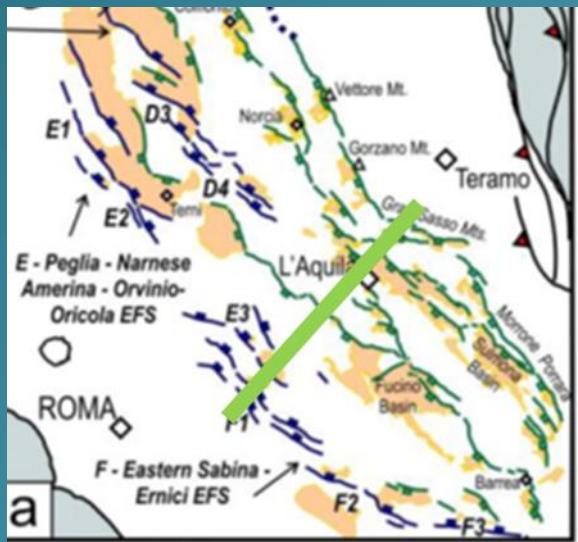


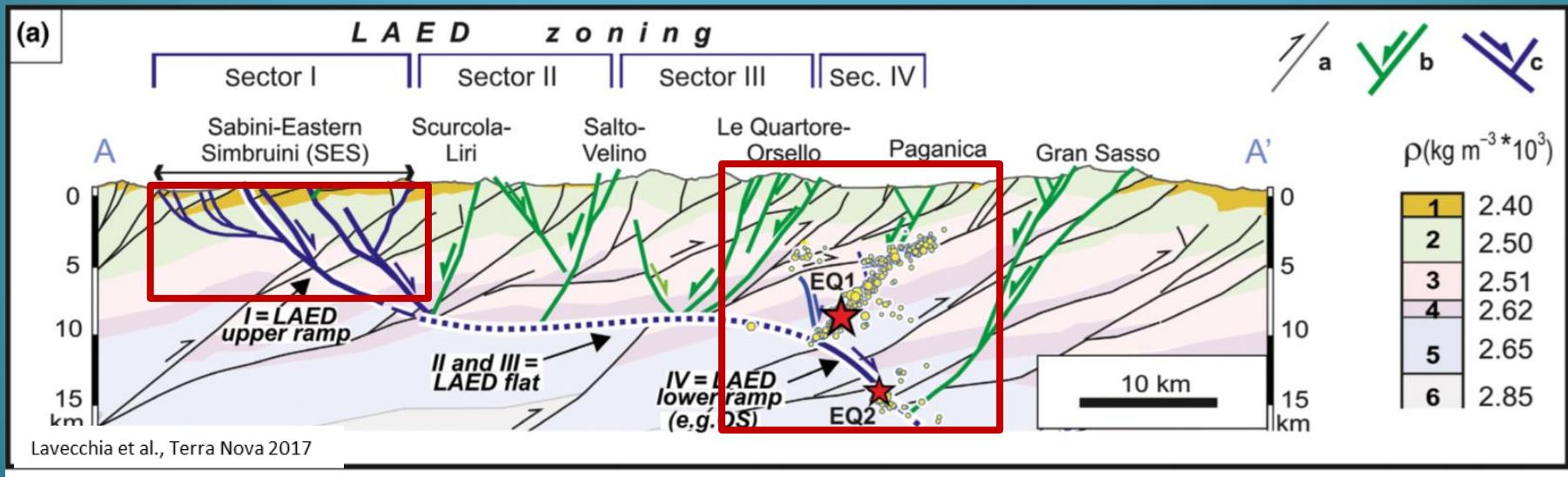
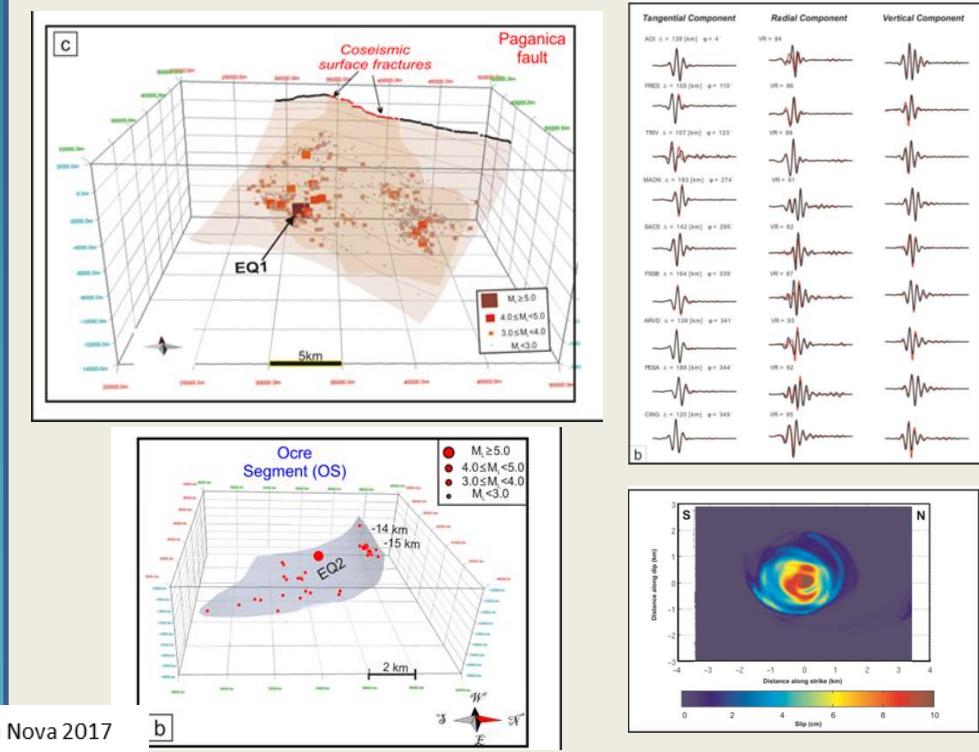
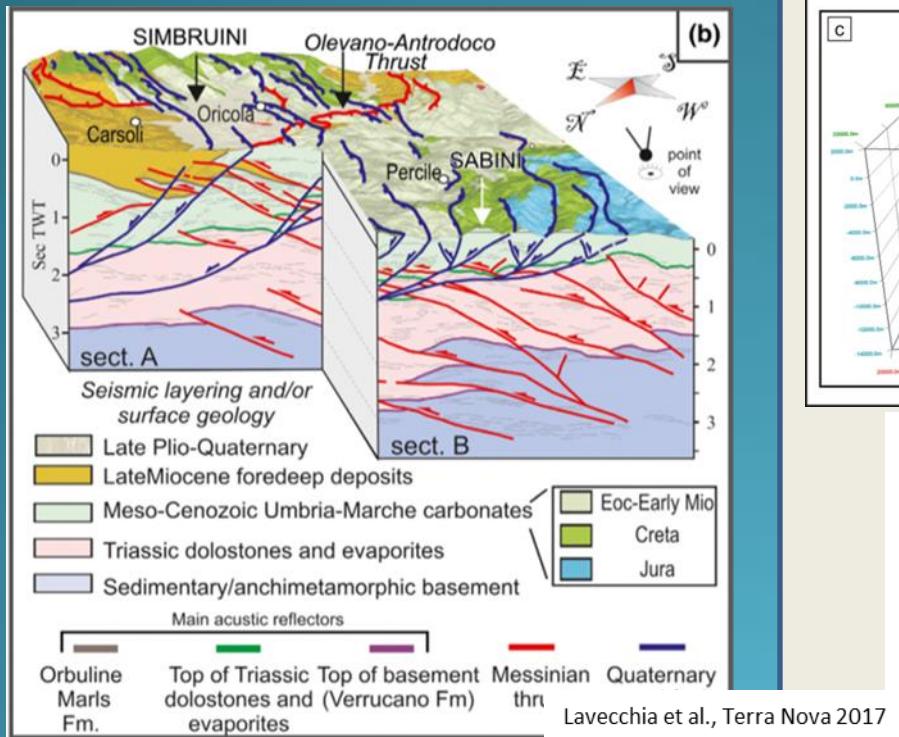
# Regional structural style for Quaternary and seismogenic extension



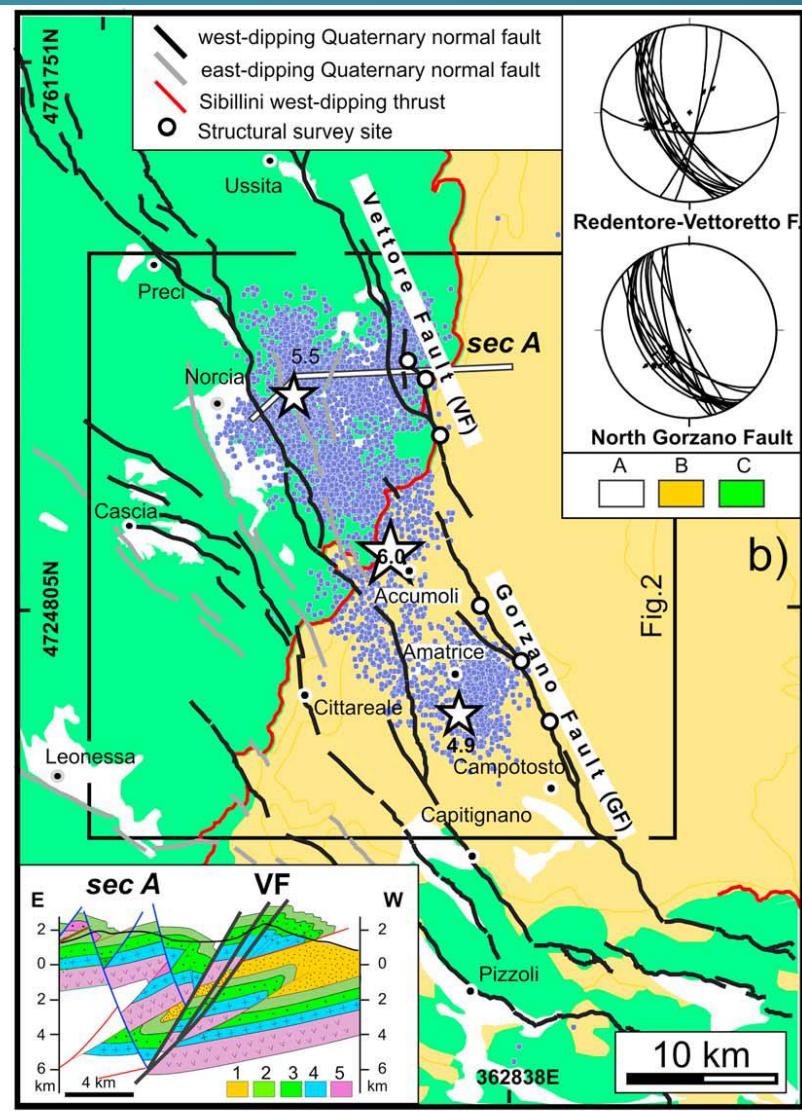
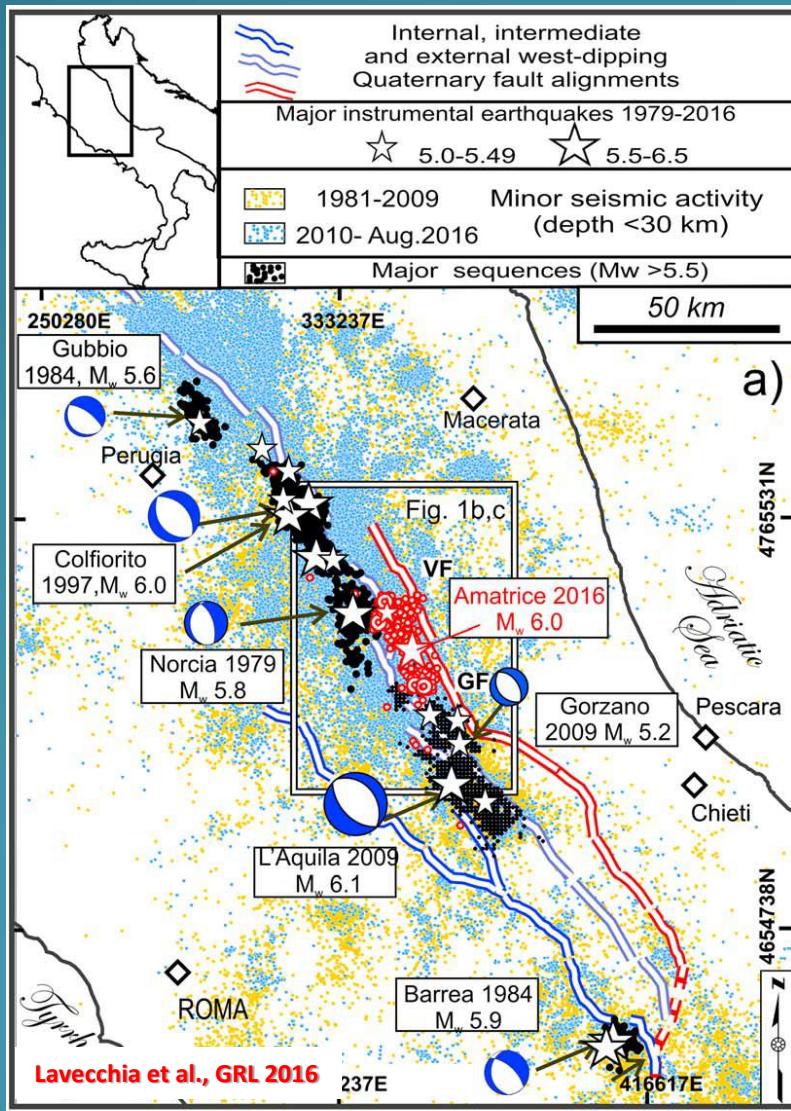
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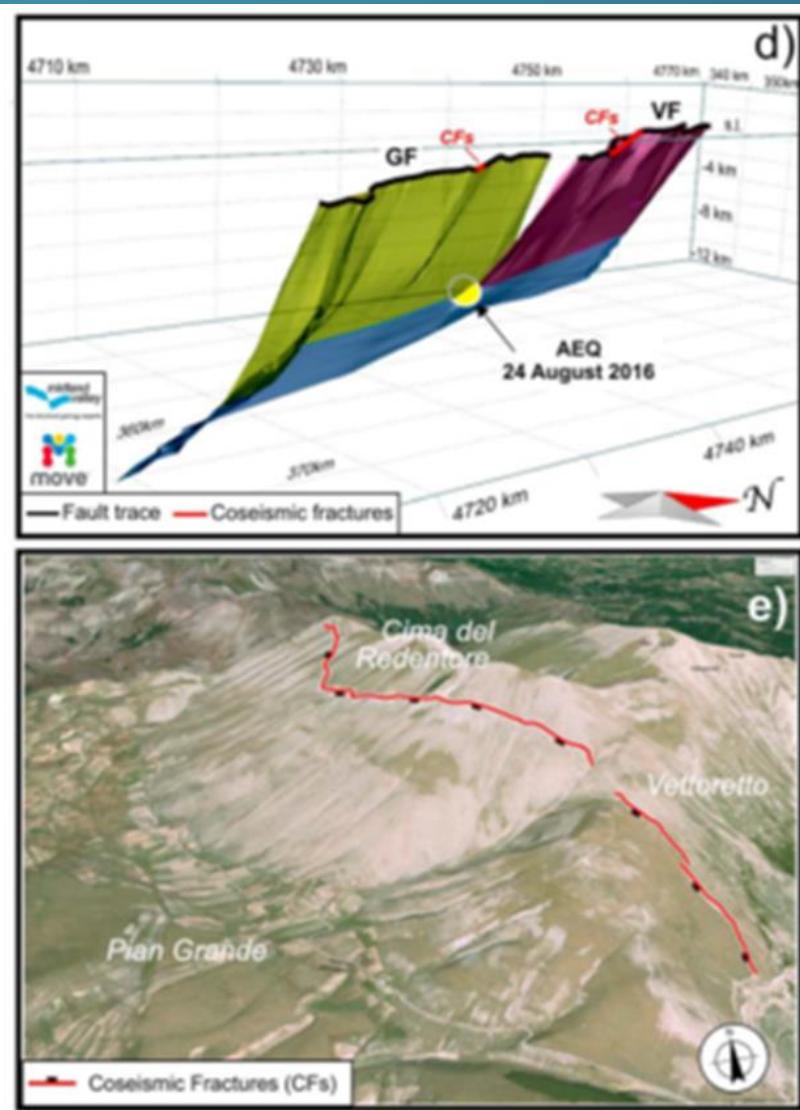
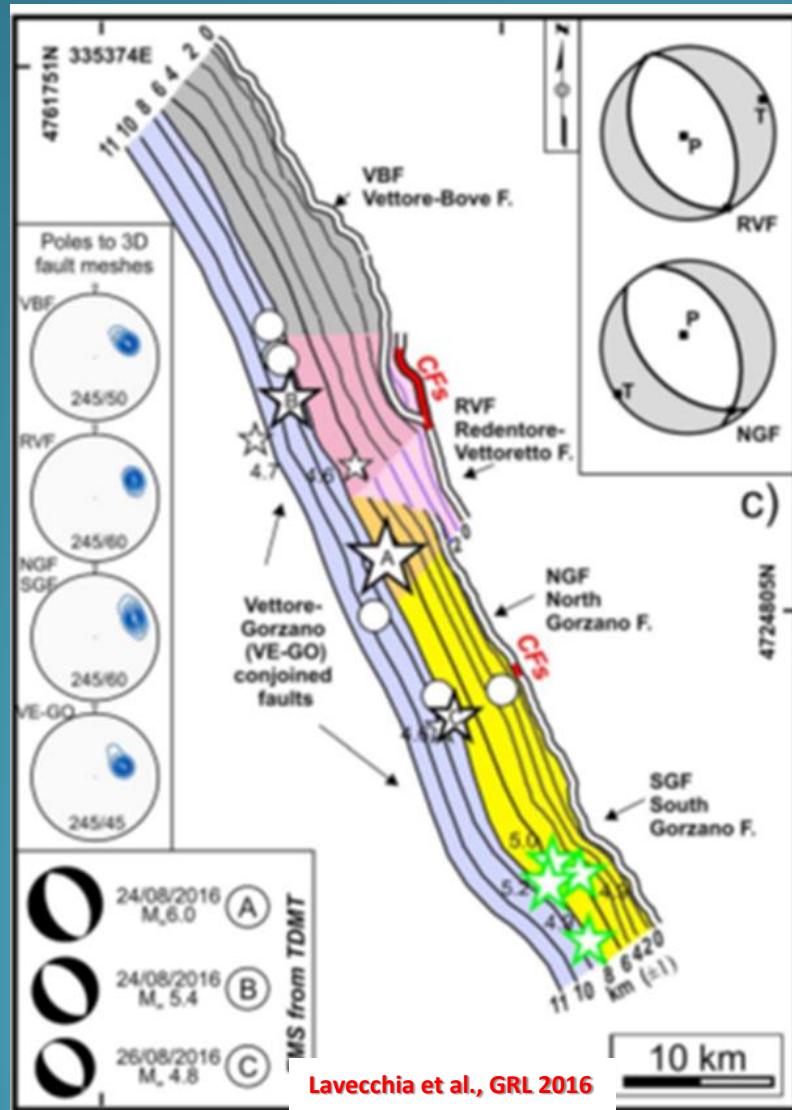


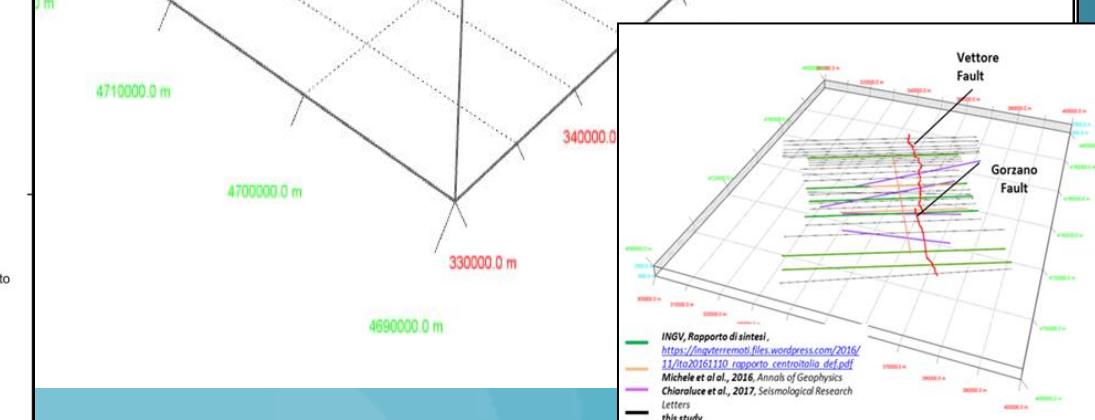
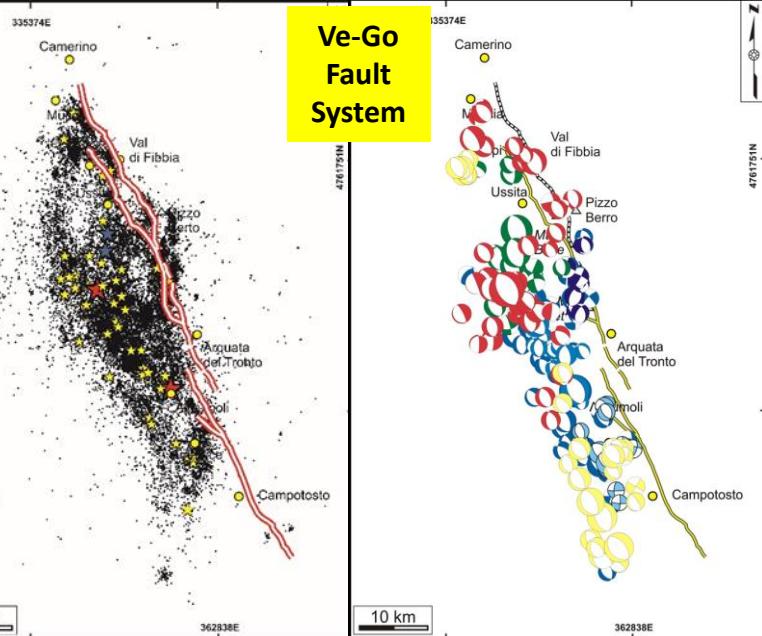
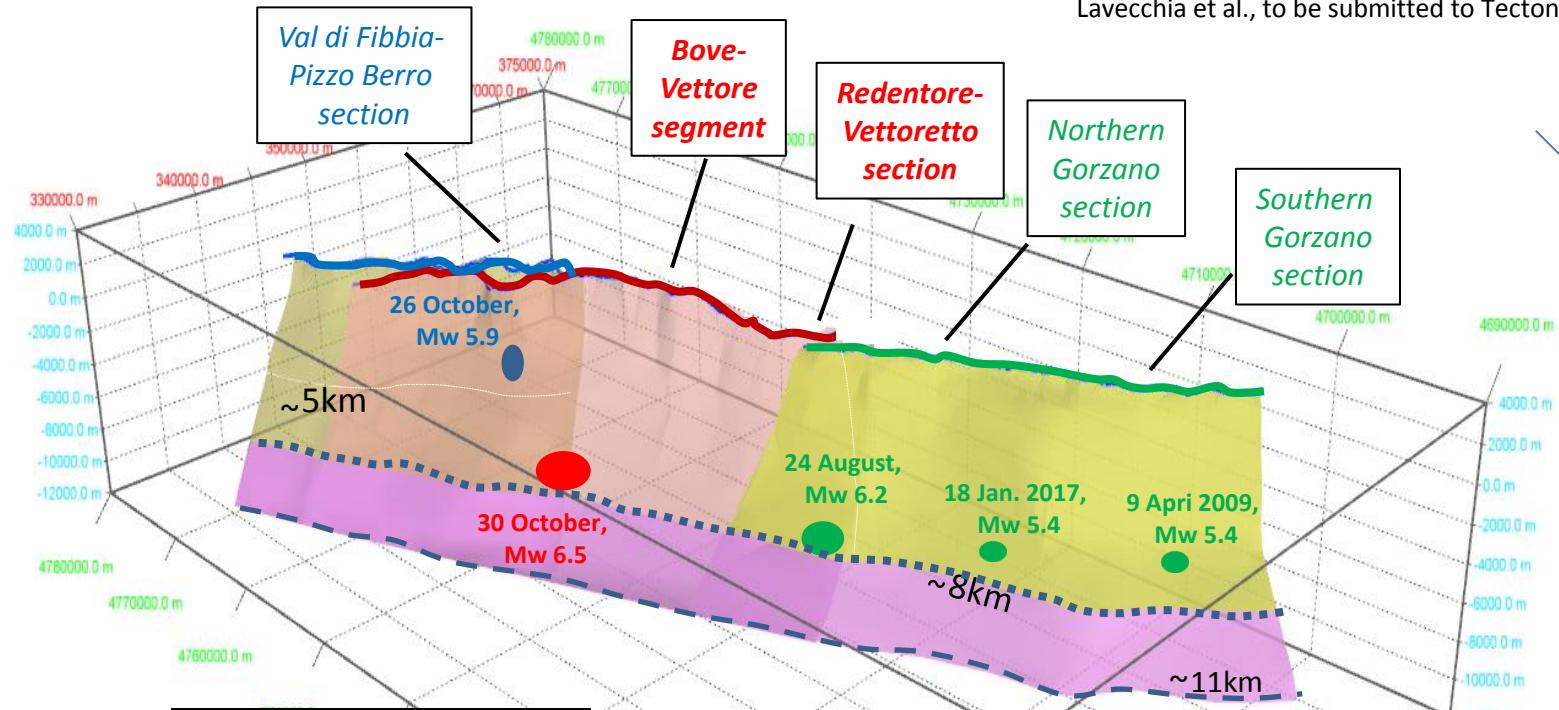


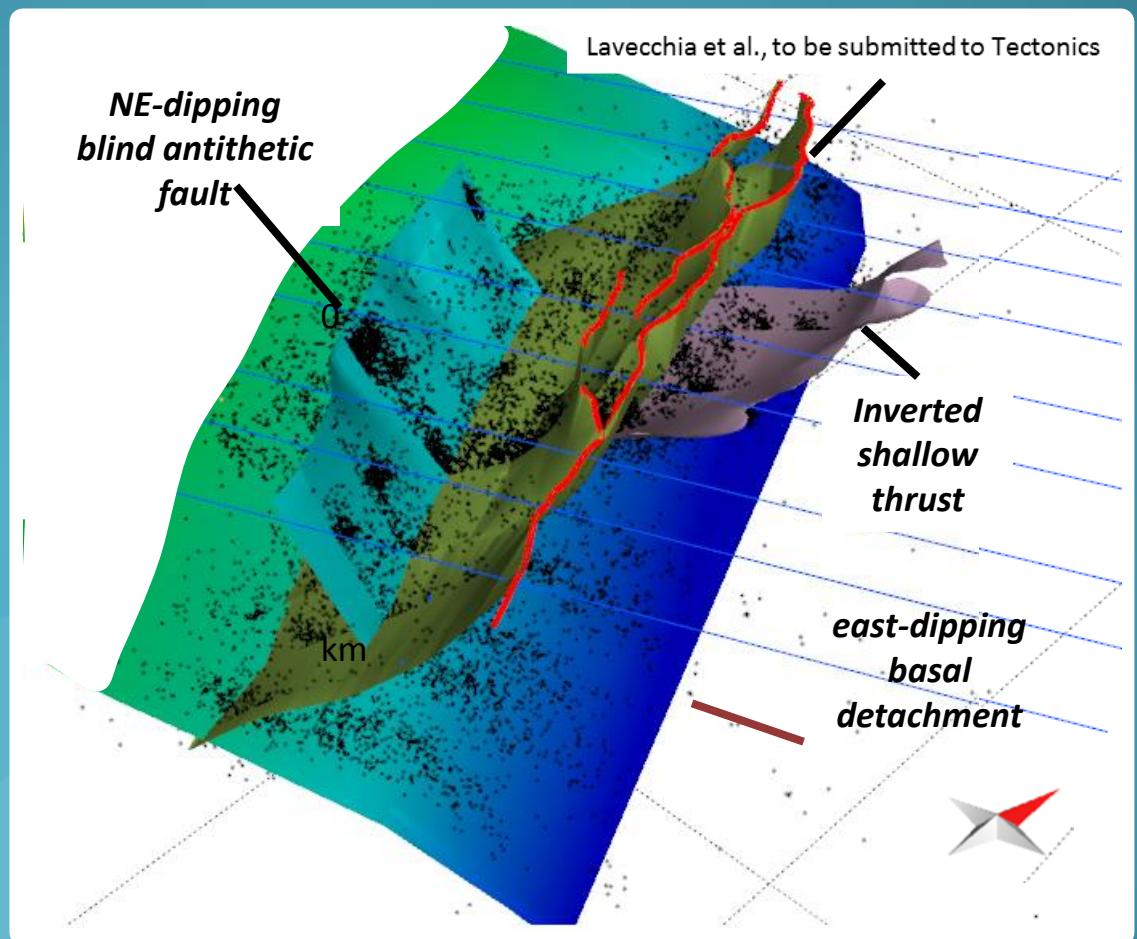
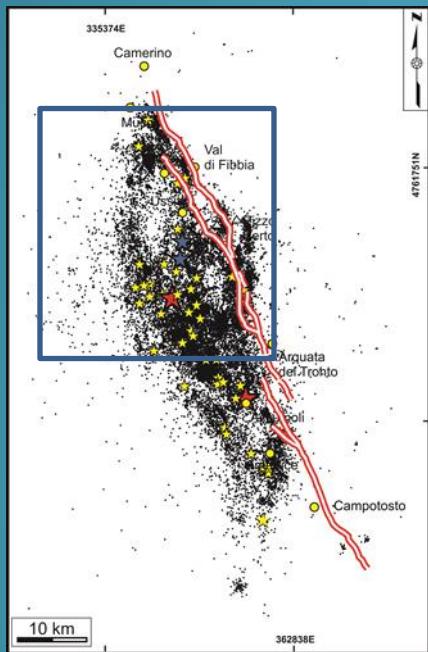
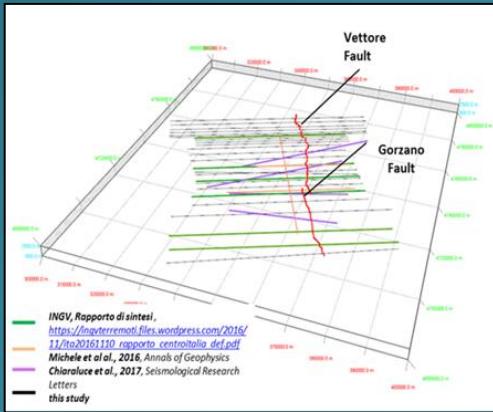
# The Central Italy Seismic Sequence (2016-2017)



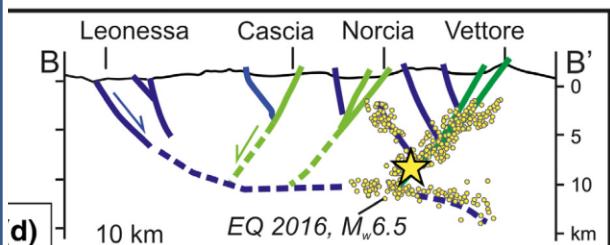
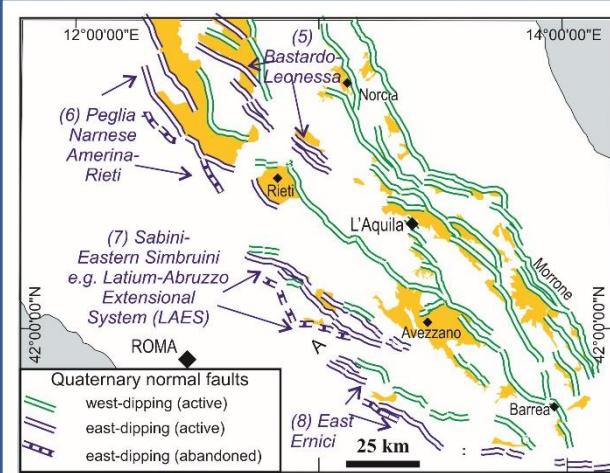
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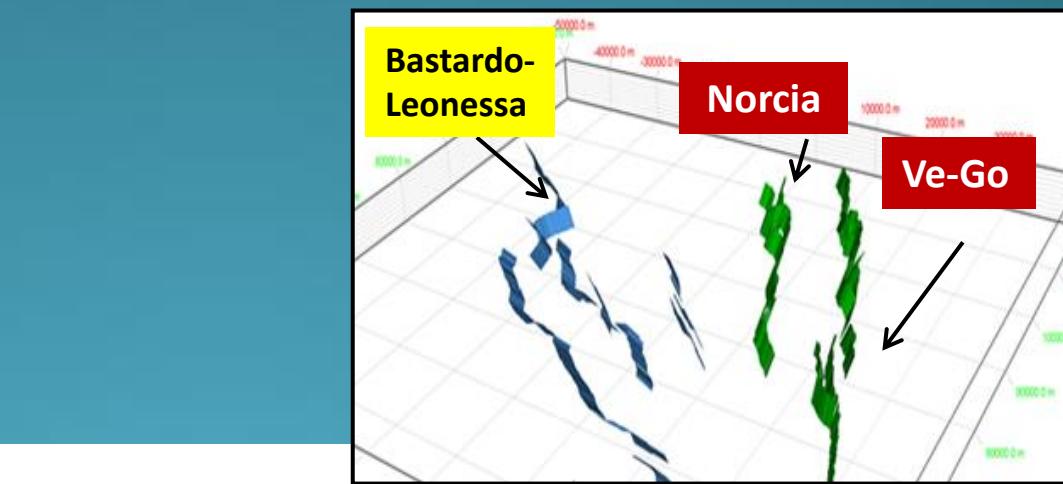
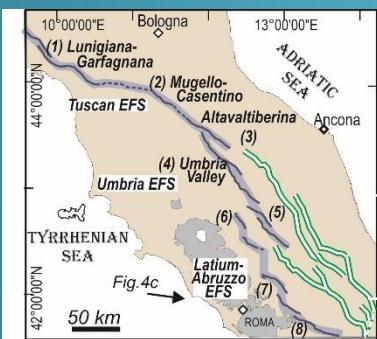




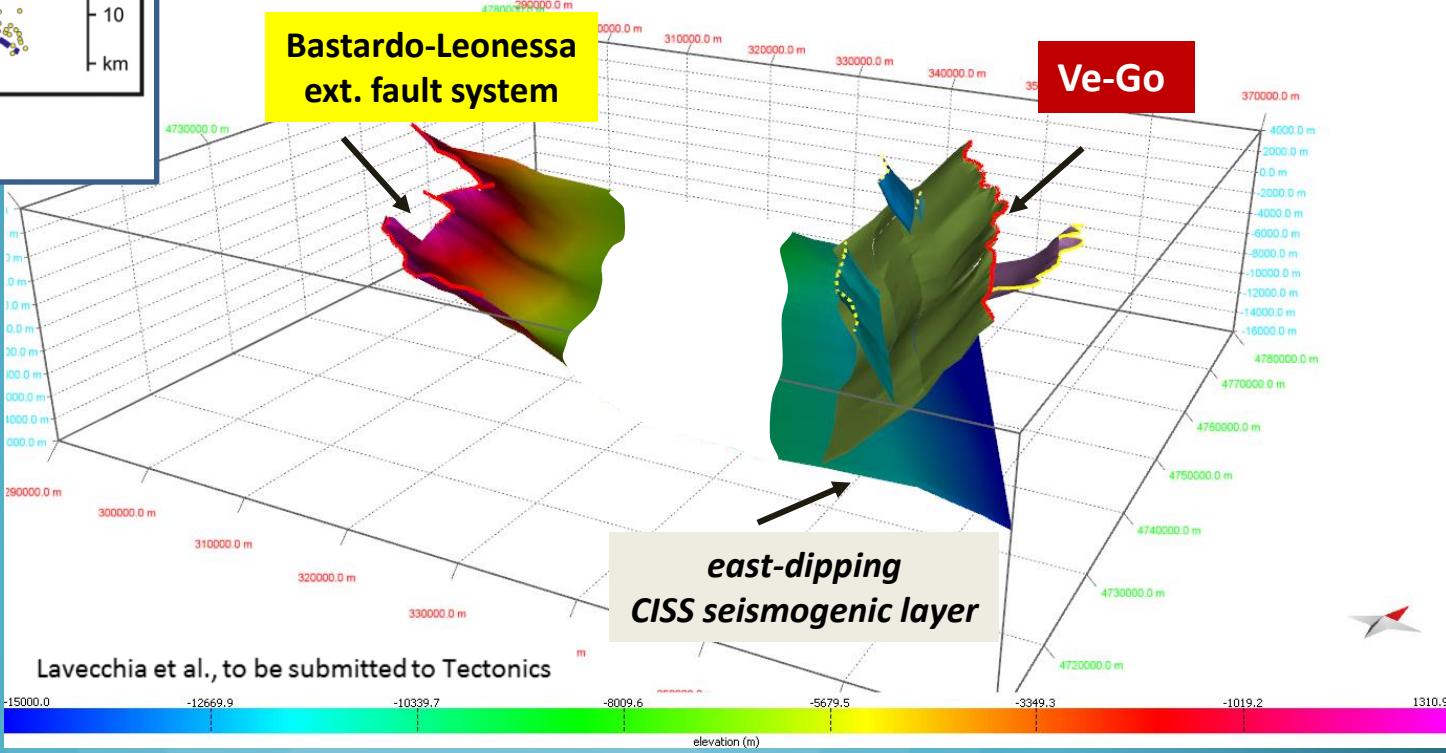
# The CISS seismogenic structural style



Lavecchia et al., Terranova 2017



Bastardo-Leonessa ext. fault system



Lavecchia et al., to be submitted to Tectonics



A group of approximately ten people are gathered on a steep, light-colored rock face. They are dressed in outdoor gear, including jackets, backpacks, and hats. Some individuals are standing on the rocky ground at the base of the slope, while others are positioned higher up, closer to the rock face. The terrain is rugged, with exposed rock layers and patches of dry grass. The sky above is overcast.

Thanks for your attention!