3th EEH Welcome DAY

Dott.ssa Claudia Pandolfi

PhD Student in Earthquake and Environmental Hazards

XXXV Doctoral Cycle

Geological Sciences Course

Degree Thesis in Paleomagnetism

«Analisi paleomagnetiche preliminari della sezione tipo delle marne di Monte Serrone (Toarciano)»

Supervisor: Prof.ssa Sara Satolli

ALP: Alpine Laboratory

Geological Sciences And Technologies Course

Master Degree Thesis in Seismotectonics and Seismogenesis

«High-sampling, multilayered crust-scale deformation pattern of seismogenic strain in Central Italy - A new 3D vision of coexisting active compression and extension with seismotectonic implications»

Supervisors: Dott.ssa Rita de Nardis, Prof.ssa Giusy Lavecchia

Posters and Talk

Poster: «38° Convegno annuale GNGTS Roma»

Talk: «Congresso Parma Il tempo del pianeta Terra e il tempo dell'uomo: le geoscienze tra passato e futuro»

Poster: Perugia «Workshop CRUST for Pialli»

Poster: European Researchers' Night 2019

Personal Interests

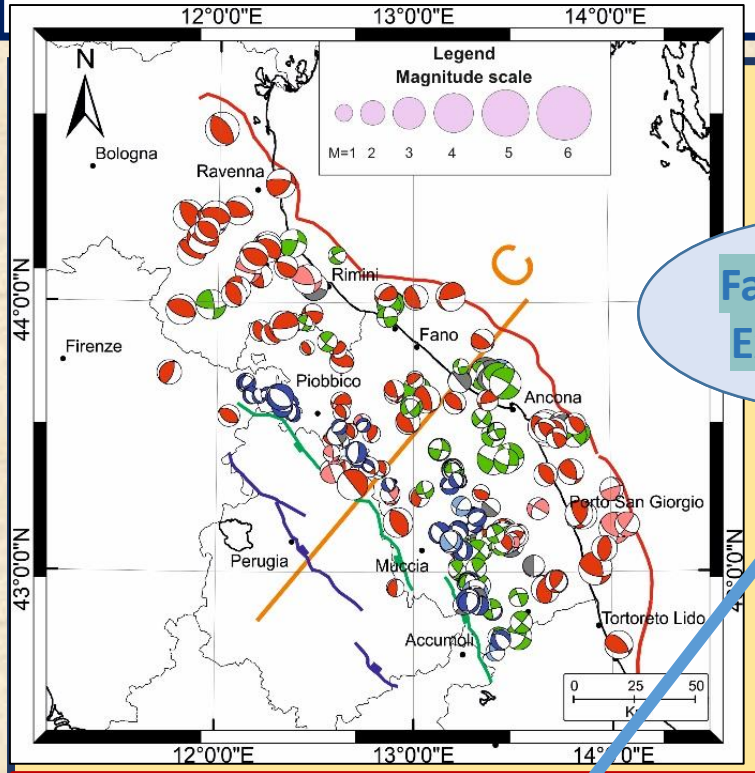
Running · Fencing · Cycling · Paralimpic Sport · Trekking · Diving

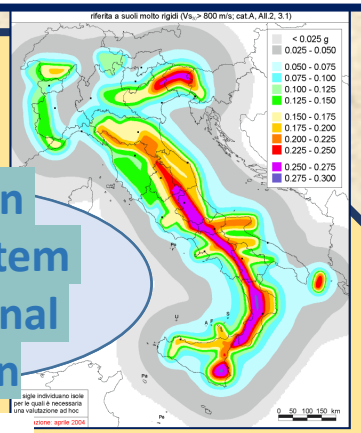
PhD Project:

Multi-layered, crust-scale seismogenic sources in Central Italy

A new 3D Seismic Hazard Assessment of coexisting active compression and extension at different layers of depth

TUTOR:
Aybige Akinci
(INGV)



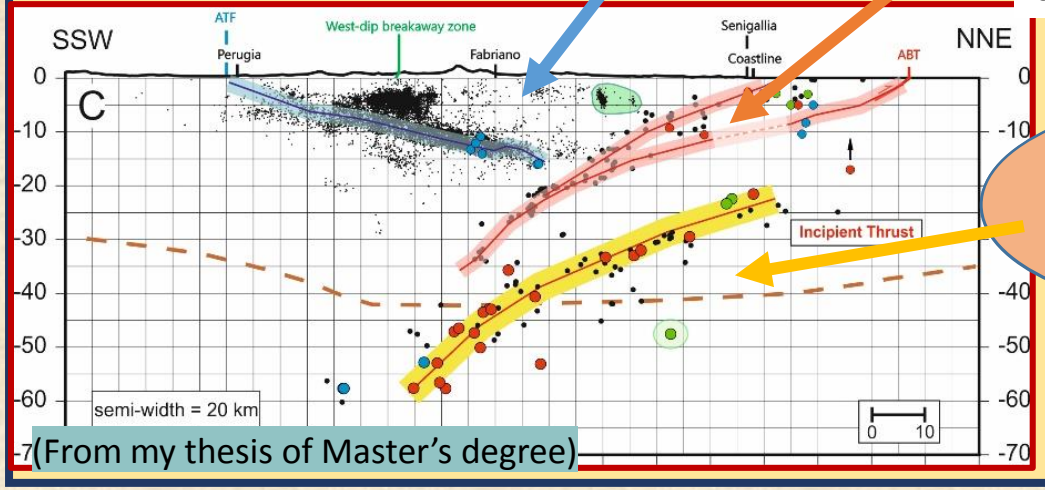


Etrurian Fault System Extensional domain

0 - 15 km

Adriatic Basal Thrust Compressional domain

0 - 25 km



(From my thesis of Master's degree)

Incipient Thrust Compressional domain

25 - 60 km

Goal

A new Seismic Hazard Map for the **Complex Seismotectonic Framework** of Central-Eastern Italy

Elaborate a New 3D Seismotectonic Model

Elaborate New Computations

Create a New SHA Map

Considering the overlapping in depth of different seismogenic sources: **Compression and Extension domain**

Introducing the contribute **of single fault** and **associated fault system**

Trying to solve the problem of **segmentation for compressional structures**

Using the **new data collected** and selected in my Master's degree thesis