

EUROPEAN  
CURRICULUM VITAE  
FORMAT



PERSONAL INFORMATION

Name / Surname

**Massimiliano Maggini**



Address

Telephone

Fax

E-mail

**massimiliano.maggini@unife.it**

Nationality

Date of birth

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
- Type of business or sector
- Occupation or position held
- Main activities and responsibilities

**November 2016 – present (ending in November 2019 – title to be obtained in 2020)**

University of Ferrara  
Department of Physics and Earth Sciences  
Via Saragat 1, 44122, Ferrara  
Italy

Research

PhD candidate

- Project development: *Characterization of the schizosphere in the Aegean Region and seismotectonic implications*
- The main objectives of the project are:
  - 3D reconstruction of the brittle-ductile transition in the Aegean Region
  - definition of the seismogenic volumes
  - enhancement of the Greek Database of the Seismogenic Sources (GreDaSS)
  - comparison between geological, geodetic and seismic deformation
- Participation in the joint project of the University of Catania and University of Ferrara on the analysis of the co-seismic and postseismic deformation in the epicentral area of the 2016 Central Italy earthquake, through GPS survey campaigns
- Research activity
- Support activity for bachelor's and master's degree candidates with theses dealing with Structural and Earthquake Geology
- Didactic support for the Courses of Geologia I and Geologia II (academic year 2017/2018).
- Didactic support for the Course of Geologia II (academic years 2018-2019; 2019-2020)

- Dates (from – to) **January 2018 – March 2018**
- Name and address of employer University of Cambridge  
Department of Earth Sciences, Bullard Laboratories  
Bullard Laboratories, Madingley Rise, Madingley Road, Cambridge, CB3 0EZ, UK.
- Type of business or sector Research
- Occupation or position held Erasmus Traineeship trainee
- Main activities and responsibilities
  - Participation to research activities, courses and scientific seminars on seismology, active tectonics and lithosphere rheology
  - Use of specific software (GMT, MT5) for the analysis and representation of mainly geophysical data

- Dates (from – to) **15 September 2012 – 22 September 2012**
- Name and address of employer National Institute of Geophysics and Volcanology (INGV)  
Rome,  
Italy
- Type of business or sector Divulcation
- Occupation or position held Responsible researcher
- Main activities and responsibilities Scientific divulgation at the INGV Educational Centre (Volcanological Museum) of Volcano Island, Lipari (ME), Italy, in the frame of the collaboration between the INGV and the departments of Geology of the Italian Universities.

## PUBLICATIONS

De Guidi G., Vecchio A., Brighenti F., Caputo R., Carnemolla F., Di Pietro A., Lupo M., Maggini M., Marchese S., Messina D., Monaco C. and Naso S. (2017). Co-seismic displacement on October 26 and 30, 2016 (Mw 5.9 and 6.5) – earthquakes in central Italy from the analysis of a local GNSS network. *Natural Hazards and Earth System Sciences*, 17(11), 1885. <https://doi.org/10.5194/nhess-17-1885-2017>

Maggini M. and Caputo R. (submitted). Rheological behaviour in collisional and subducting settings: inferences for the seismotectonics of the Hellenic Region. *Turkish Journal of Earth Sciences*

Maggini M. and Caputo R. (submitted). Sensitivity analysis for rheological profiles: examples from the Aegean Region. *Annals of Geophysics*.

Maggini M. and Caputo R. (2018). The schizosphere-plastosphere boundary through rheological modelling across and along a fold-and-thrust belt: case studies from the Hellenides, Greece, and seismotectonic applications. 37th GNGTS congress, 2018. Extended abstract, pp 188-193.

Maggini M. and Caputo R. (2019). Rheological transects across the Aegean Region: a contribution to the seismotectonics of the area. 15th International Congress of the Geological Society of Greece, 2019. *Bulletin of the Geological Society of Greece*, Sp. Pub. 7, Extended Abstract GSG2019-388.

Maggini M. and Caputo R. (2018): Rheological profiles in the epicentral area of the 2014-2015 Ionian islands seismic sequences: Implications for seismogenesis, Annual Congress of the GIGS (Gruppo Italiano Geologia Strutturale), 12 June 2018, Abstract Book, Abstract p. 28. <https://doi.org/10.3301/ABSGI.2018.01>.

Maggini M. and Caputo R. (2018):. "A rheological transect across the Hellenides", 89<sup>th</sup> Congress of Geological Society of Italy, 12-14 September 2018, Abstract Book, Abstract p. 171. <https://doi.org/10.3301/ABSGI/2018.02>.

## EDUCATION AND TRAINING

- Dates (from – to) **October 2013 – April 2016**

- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered

University of Camerino (MC, Italy). School of Sciences and Technologies. Graduate programme in Geoenvironmental resources and risks.

Assessment and mitigation of seismic, volcanic, and hydrogeological risks. Research and exploitation of natural resources (hydrocarbons, geothermal energy, ore deposits).

Master's thesis in Geophysics: "Seismic deformation of the central Mediterranean region: Kinematic implications".

Supervisor: Professor Schettino, A.

- Title of qualification awarded

**Master of Science in Geological Sciences and Technologies**, with a final grade of 110/110 *cum laude* and *academic kiss*.

- Dates (from – to)

**October 2010 – December 2013**

- Name and type of organisation providing education and training

University of Camerino (MC, Italy). School of Sciences and Technologies. Degree programme in Geological Sciences.

- Principal subjects/occupational skills covered

Fundamentals of Mathematics, Physics, Chemistry, Paleontology, Geology, Geophysics.

Bachelor's thesis: "Geometry, deformation and seismicity of the Ionian slab"

Supervisor: Professor Schettino, A.

- Title of qualification awarded

**Bachelor in Geological Sciences**, with a final grade of 110/110 *cum laude* and *encomium*.

## PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

**Italian**

OTHER LANGUAGES

**English**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user

*Attainment of the Certificate of Advanced English (C1) in English, from University of Cambridge ESOL Examinations, November 2017.*

**French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
A2	Basic user	B1	Intermediate user	A2	Basic user	A2	Basic user	A2	Basic user

## SOCIAL SKILLS AND COMPETENCES

Sociability, adaptability and ability to set and pursue goals with team spirit, as experienced with the continuous practice of team sport (basketball) since the age of 6.

Experience and ability in dealing with multicultural environments, thanks to the participation to several summer schools for foreign students in English-speaking countries (US, Canada, UK, Ireland).

## TECHNICAL SKILLS

Field geological, geomorphological and structural mapping

AND COMPETENCES

COMPUTER SKILLS  
AND COMPETENCES

Expert user of Microsoft Office programs  
Expert user of GIS software, ESRI ArcGis  
Basic user of GIS software: Global Mapper, ILWIS, MapInfo  
Expert user of MATLAB software for basic computer programming  
Basic/ intermediate user of graphic design software: Corel Draw, Adobe Illustrator

Attainment of the European Computer Driving License Full Standard Certification, November 2008.

DRIVING LICENCE(S)

B category, December 2009.

**ADDITIONAL INFORMATION**

Member of the Interuniversity Centre for Seismotectonics (Centro interUniversitario per la SismoTettonica, CRUST)