

***CURRICULUM VITAE***

**ACADEMIC CAREER:**

1990 - Degree in Geology at the University of Camerino (Thesis in Structural Geology and Geological Mapping: "The structural setting of the M. Cavallo - M. Primo Thrust" - Supervisor: Prof. Fernando Calamita);  
1991 - membership of the National Association of Geologists and member of Italian Geological Society;  
1994 - Ph.D. in "Structural Geology and Tectonics" (VI cycle: "Geological and structural characterization of the Umbria-Sabine Apennine: Martani, Ridge Narni-Amelia and Sabine Mountains");  
1995-1997 post-doc fellowship;  
2001-2021 Researcher (SSD GEO/03) at the University of Camerino.  
2022–present Associate Professor in Structural Geology (SSD GEO/03)

**SCIENTIFIC ACTIVITIES:**

mainly related to the structural geology based on detailed geological surveys and mesostructural analysis. He is an expert in digital geological and geomorphological mapping and in the use of GIS softwares applied to geological cartography.

As part of the "CARG-Sheet 325 Visso (50.000)" Project (ISPRA-Marche Region-UNICAM) he holds the role of Director (three-year agreement 2020-2023). He is currently the scientific coordinator of research unit (Geological mapping) within the "Sibillini Ring" Hydrogeological Project (P.I. - Prof. M. Materazzi; 2020-2022) and he is a research collaborator within the geological PISCO Project - FAR 2019 (P.I. - C. Di Celma; 2020-2022).

The aims were:

- To complete the geological and geomorphological mapping of Umbria-Marche Apennines using GIS softwares;
- To define the modalities and timing of built-up systems chain-foredeep;
- The assessment of the role of pre-orogenic structures on the structuring of chains;
- To study the relationship between Quaternary normal faults and seismicity in the Apennines;
- The study of the kinematics of arcuate chains of the Apennines in relation to the development of the Tyrrhenian basin;

**RESEARCH PROJECTS:**

- CNR Projects (resp. Prof. G. Deiana):

- a) Geology, geomorphology and Quaternary stratigraphy of the central-northern Apennines (1992);
- b) tectonics, geomorphology and Quaternary stratigraphy of north-central Apennines (1993-1996);
- c) Faulting Processes in shallow crustal levels and evaluation of the potential seismogenic in the Apennines (1997);

- Project 60% (resp. Prof. F. Calamita) (1991-1994): The fault rocks of the thrusts in the Umbria-Marche;
- Project 60% (resp. Prof. E. Turco) (1996-1997): Role of deformation in the recent Apennine basins;
- Projects ex quota 40% (resp. Prof. E. Turco) (1996-1999): Structural characterization of the Calabrian Arc Flysch;
- Projects Funds of the University 2000 (resp. Prof. E. Turco): Kinematic modeling of the Apennine arcs.
- Project PRIN 2004 - (resp. E. Turco): tectonic analysis, kinematic model and paleogeographic maps of the Mesozoic rift in the central Mediterranean area.
- Project PRIN 2006 - (resp. E. TURCO): ADRIA: promontory of the African plate or microplate?.
- Project PRIN 2008 - (resp. E. TURCO): Relationship Between Kinematic evolution of the Tyrrhenian extension and Apenninic arcs.
- Project PRIN 2012 (2013-2015) - (resp. A. SCHETTINO): Rift-to-drift transition in the Red Sea: Geodynamics, geochemistry, and high-resolution plate kinematics.

- Project FAR-UNICAM 2019 (2020-2022; Resp. C. Di Celma): Paleontology within an Integrated Stratigraphic Context: Unraveling the evolutionary patterns of marine vertebrates in the extraordinarily productive fossil scenario of the Eo-Miocene strata of the Pisco Basin (southern Peru). P.I.S.CO
- "Sibillini Ring" Hydrogeological Project (P.I. - Prof. M. Materazzi; 2020-2022)

#### TEACHING

Starting from A. A. 2001-2002, as part of degree courses in Geology and Master of Science in geo-environmental hazards and resources has been the holder of the following courses:

1. Geological Survey, 2. Laboratory of Lithology 3. Advanced Field Geology.

He supervised over 50 thesis in Geology.

Member of the Academic Board of PhD in Earth Sciences in Unicam.

#### SCIENTIFIC MANAGEMENT

1. 2000-2002 - Director of Geological Survey (Geological Cartography Project and Geothematic - South Batch, Marche Region; UNICAM-ENI Group-MARCHE REGION Agreement);

2. 2005-2006 - Deputy director of Geological Survey (Expansion Project of the railway line Rome-Pescara - Preliminary investigations; ITALFERR-UNICAM Agreement).

3. 2009-2012 – Director of Geological and geotechnical survey (Agreement SAIPEM ENI Group – UNICAM).

4. 2020-2023 – Director of Geological survey ("CARG-Sheet 325 Visso (1:50.000) Project", ISPRA-Marche Region-UNICAM)