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Degree in Geological Sciences, University of Modena

Present-day Position Professor (PO, GEO 02) at the Department of Chemical and Geological Sciences of the University of Modena and Reggio Emilia since September 2000.

Research experiences Fellowship at Department of Geological Sciences, University of Texas at Austin (1982-84). Visiting at Lamont-Doherty Geological Observatory New York. Visiting at Cities Service Oil Co. Tulsa, Oklahoma.

Research activity: Expertise: stratigraphy, composition and diagenesis of clastic, mixed and carbonate deposits. *Main research subjects:* Stratigraphy, composition and diagenesis of Upper Cretaceous to Tertiary turbidite successions of the northern Apennines and Pyrenees. Composition and diagenesis of Permian red bed successions in the Southern Alps and Sardinia. Geochemistry and diagenesis of carbonate concretions. Stratigraphy, composition and geochemistry of temperate type carbonate shelf in the Miocene of the northern Apennines. *Ongoing research subjects:* Miocene methane-derived carbonate deposits related to ancient cold seeps in the northern Apennines: effects of deep-sea methane-rich fluid expulsion in the geological record. Late Quaternary sedimentation of the Po plain by compositional studies of alluvial sands. Sand liquefaction induced by earthquake and blast test: for source layer identification and grain-size segregation mechanisms (Emilia, Italy, Ecuador, New Zealand).

Other scientific activities: Reviewer for Prin, Furb, Montalcini and other research projects. Reviewer for Sedimentology, Marine and Petroleum Geology, Springer Nature, Geological Magazine, Sedimentary Geology, Engineering Geology, Geosciences, Italian Journal of Geosciences, etc., SEPM Special Publications and of papers published in referred books.

Scientific committee in international meeting, contributed to numerous thematic sessions and workshops in international and national meetings.

Institutional roles (most relevant)

- Head of the Department of Earth Sciences, Unimore, 2001-2010.

- President of "Consulta dei Direttori" 2008-2010.

- Member of "Senato Accademico", 2008-2010.

- Member of "Consiglio di Amministrazione", University of Modena and Reggio Emilia, from 2012 to 2016 and 2019-2020.