

## **Alessandro Vescogni**

Assistant Professor for the SSD GEO/01 (Palaeontology and Palaeoecology) at the University of Modena and Reggio Emilia.

### Research topics

- Facies analysis, stratigraphy and paleoecology of Miocene coral bioconstructions in the Mediterranean area.
- Develop and evolution of reefal depositional systems related to climate changes during the Cenozoic.
- Paleoecology of reef-building organisms associated to scleractinian corals (mainly coralline algae and vermetids) and their use as paleobathymetric and paleoclimatic markers.

### Research areas

Italy (Salento peninsula, northern Apennines, Lessini mountains), Spain (Sorbas basin), Crete, Turkey (Mut basin), France (Aquitaine).

### Research projects

- In the 1999 I received research grants MURST “giovani ricercatori”(Modena and Reggio Emilia University) for the project “*Controlli climatici sulle scogliere a coralli messiniane del Salento e dell’Appennino Piacentino: un confronto ai due estremi di un range paleolatitudinale fra i più ampi del Mediterraneo*”.
- In the 2000 I received research grants MURST “giovani ricercatori”(Modena and Reggio Emilia University) for the project “*Le biocostruzioni a vermetidi come indicatori paleoclimatici e paleobatimetrici durante il Messiniano del Mediterraneo*”.
- In the 2000 I collaborated as an expert of reef-building organisms to the MURST 2001 project (Modena and Reggio Emilia University, Dipartimento di Scienze della Terra).
- During 2002/04 I received research grants related to the project “*Studio dell’evoluzione delle biofacies e della biodiversità nel Cenozoico per la comprensione di situazioni più antiche*”, Dipartimento del Museo di Paleobiologia e dell’Orto Botanico, Modena and Reggio Emilia University
- In the 2005 I collaborated to the project COFIN 2004 “*Cambiamenti biotici nelle comunità di scogliera come indicatori paleoclimatici: esempi dal Triassico e Terziario dell’Italia e delle regioni mediterranee*” as an expert of reef-building organism.
- During the 2009 I collaborated to the project “*Carbonate production from Greenhouse to Icehouse Earth System: changing patterns of reef ecosystems and z-coral communities*”. Projet International de Cooperation Scientifique (PICS), CNRS (2009-2011).
- Participation to the project PRIN 2010/11 “*Past ExcessCO2 worlds: biota responses to extreme warmth and ocean acidification*”.
- Participation, as “Foreign Scientist”, to the project MTA Nr: 2011-30-14-01-5, Geological Research Department (Ankara, Turkey) “*The Geology of the Neogene Rocks Between Adana-Mut (İçel) and Their Palaeogeographical Evolutions*”.