



UNIVERSITÀ DEGLI STUDI DI PALERMO

Dipartimento di Scienze della Terra e del Mare (DiSTeM)

COD. FISC. 80023730825 ~ P.IVA 00605880822

PhDs – 29th CYCLE

PhD	TITLE OF THE DISSERTATION	TUTOR	CO-TUTOR
Alessandro Bonfardeci	Paleoclimatic and Paleoceanographic reconstruction of the Pleistocene-Holocene through the study of planktonic foraminifera of two sedimentary cores collected in North Atlantic Ocean, southwest of the Azores Islands	Prof. Antonio Caruso	
Carlo Cattano	Effects of Ocean Acidification on physiology, behaviour and ecology of fish	Prof. M. Milazzo	
Dario Filardo	CHARACTERIZATION OF SHIP AND WILDFIRE EMISSION TRANSPORT EVENTS IN SOUTHERN SICILY, BASED ON BLACK CARBON OBSERVATIONS ANALYSIS DURING 2015 – 2016 AT THE CAPO GRANITOLA BASELINE SITE	Prof. A. Mazzola	
Mimma Emanuela Gennaro	Sulfur behavior and redox conditions in Etnean hydrous basalts inferred from melt inclusions and experimental glasses.	Prof. S. G. Rotolo	Dr. A. L. Rizzo, Dr. C. Martel
Miguel Ángel Hernández Martínez	Landslide susceptibility models for storm-triggered multiple occurring debris flows in El Salvador	Prof. E. Rotigliano	Prof. C. Conoscenti
Emanuela Claudia La Marca	Investigations into the development and role of a Mediterranean intertidal bioconstruction for coastal conservation: the Vermetid Reef	Prof. R. Chemello	
Alice Mirasole	Structural and functional organization of a fish community in a Mediterranean shallow CO ₂ vent	Prof.ssa Salvatrice Vizzini	
Pierangelo Romano	Experimental investigation on peralkaline silicic magmas of Pantelleria Island: inferences on pre-eruptive conditions , magma evolution and water solubility	Prof. S. G. Rotolo	
Daniele Spatola	Neotectonic activity and Emission of fluids in the Northwest Sicily Channel	PROF. Attilio Sulli	



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PhDs – 30th CYCLE

PhD	TITLE OF THE DISSERTATION	TUTOR	CO-TUTOR
Chiara Capalbo	Paleoecology insight of straight-tusked elephant population from the late middle Pleistocene site of Poggetti Vecchi	Prof. Federico Masini	
Robero D'Aleo	UV camera-based SO ₂ flux monitoring at Mt. Etna	Prof. Alessandro Aiuppa	
Daskalopoulou Kyriaki	Geochemistry of the Gas Manifestations of Greece	Prof. Francesco Parello	Dott. Kyriakopoulos Konstantinos, Dr. D'Alessandro Walter, Prof. Tassi Franco
Ilenia Domina	Global and local stressors effects on community succession in the Mediterranean intertidal zone	Prof. M. Milazzo	
Calogera Monastero	Analysis of lipids in pelagic fish of Sicilian Channel and use of fatty acids as markers of contamination	Prof. A. Mazzola	
Simona Noè	Role of interspecific interactions in biological invasions: new evidence from the Mediterranean Sea	Prof.ssa Salvatrice Vizzini	Dott. Fabio Badalamenti
Marco Spinelli	Growth performance and physiological traits of <i>Posidonia oceanica</i> exposed to a hypersaline environment	Prof. Sebastiano Calvo	Prof. Agostino Tomasello, Prof. Jaime Bernardeau Esteller
Fabio Sposito	Zr, Hf and REE fractionation between dissolved pool and sediments in river waters. Effects of changing ionic strength conditions in element partitioning between truly dissolved and colloidal fractions	Prof. Paolo Censi	Dr. Salvatore Inguaggiato



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PhDs – 31th CYCLE

PhD	TITLE OF THE DISSERTATION	TUTOR	CO-TUTOR
Angelo Battaglia	New insights of the volcanic gas signature of the Central American Volcanic Arc	Prof Alessandro Aiuppa	
Marta Corradino	Architecture and kinematics of forearc basins and intra-caldera resurgences: new insight from the Paola Basin (western offshore Calabria region) and the Campi Flegrei caldera (Campania region)	Prof. Fabrizio Pepe	
Antonio Giacoletti	Effect of Multiple Stressors on marine organism predicted and quantified through bioenergetic mechanistic models	Prof. Gianluca Sarà	
Nathalie Hasselle	Gas in volcanic lakes: from dissolved gases to lake gas plumes	Prof Alessandro Aiuppa	
Marco Martinez	A macroecological projection for the future of the Mediterranean marine space management in a Ecosystemic Community Strategy context	Prof. Gianluca Sarà	
Valentina Sciutteri	Response of seagrasses and marine biofilms to natural acidification at CO ₂ vents	Prof. A Mazzola	
Gabriele Turco	Structural and functional responses of fish assemblages to different drivers of change	Prof. Marco Milazzo	Dott. Michele Gristina
Vincenzo Zammuto	Resistance to space simulating conditions and sporicidal treatments of spores from bacilli of extreme environments origins: implication for Astrobiology	Prof.ssa Salvatrice Vizzini	



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PhDs – 32th CYCLE

PhD	TITLE OF THE DISSERTATION	TUTOR	CO-TUTOR
Silvia Chemello	Brown macroalgae transplantation as habitat restoration technique: methods, effectiveness, and concerns	Prof. Antonio Mazzola	
Chiara Giommi	Study of the effects of climate extremes on functioning of intertidal assemblages to design an early warning sensor network	Prof. Gianluca Sarà	Prof. Brian Helmuth, Ing. Pietro Garofalo
Joao Pedro Nogueira Lages	Constrains on mantle, slab and crustal contributions to major volatiles and noble gases along the Andean Volcanic Belt	Prof Alessandro Aiuppa	Dr. Andrea Lucca Rizzo
Eleonora Lo Coco	Monitoring SO ₂ degassing on Stromboli using a permanent UV Camera network	Prof Alessandro Aiuppa	Dott Dario Delle Donne
Veronica Santinelli	Blue carbon sink capacity of degraded ecosystems: the potential role of disturbed seagrass meadows in climate change mitigation	Prof.ssa Salvatrice Vizzini	Dott.ssa Eugenia T. Apostolaki
Claudio Ventura Bordenca	Noble gas geochemistry in seismic (Umbria, Italy) and volcanic (Grand Comore Island, Indian Ocean) regions: New methodologies and implications	Prof Alessandro Aiuppa	Dott. Antonio Caracausi
Vincenzo Randazzo	Facies heterogeneity and sedimentary processes along a tectonically-controlled carbonate slope: a case study from the cretaceous of western Sicily (Italy)	Prof. Pietro Di Stefano	
Elisabetta Zizzo	Active tectonics, sedimentation history and geomorphological features in the northern Sicily continental margin: implications for the marine geohazard assessment	Prof. Attilio Sulli	Prof. Aaron Micallef