

From 2022 Researcher at the University of Palermo, from 2020 Deputy Director at I.E.ME.S.T. Euro-Mediterranean Institute for Science and Technology and from 2017 Director of the Department Nanotechnologies and Innovative Materials. From 2020 Cluster Manager of ECODOMUS, the Regional Industrial District for Ecosustainable Building in Sicily. Innovation Expert and Expert Evaluator EASME for the European Commission, External Evaluator POR of the Sicily Region Assessorato Attività Produttive and Scientific Expert for MIUR REPRIS (Competitive industrial research and social development).

Graduated with honors in Architecture at the University of Palermo, PhD in "Recovery and Use of Ancient Contexts", she obtained various Masters and specializations in the field of materials and trained in 2004 on nanotechnologies and nanomaterials at NASA in San Francisco (USA).

Involved in more than 30 national and international projects in the field of innovative materials for sustainable building construction (green building) and cultural heritage preservation. She has written several books and published more than 70 articles in books, journals and conference proceedings.

She has worked with numerous national and international university research groups, has been a lecturer in "Pathologies and degradation of materials", "Nanotechnologies and Nanomaterials", from 2008 to 2016 she was Technical Manager of the II level University Master in "Expert Researcher in Nanotechnologies and Nanomaterials for Cultural Heritage " at the University of Palermo.

She presented the results of her research activities in numerous international events as invited speaker, such as the World Conference on Advanced Materials (Chongqing, China), NanoWorld Conference, (Boston, USA) and the NNI International Conference on Nanotechnologies and Nanomaterials (Tessaloniki, Greece) and she has been invited to hold lectures and didactic seminars in various foreign universities.