

## PhD in SCIENCE AND ENGINEERING FOR THE ENVIRONMENT AND THE SUSTAINABILITY”

### ADVISORY BOARD

MEMBER	SHORT CV
<b>Umberto ARENA</b> Deputy of the Coordinator of the PhD in Science and Engineering for the Environment and the Sustainability	Umberto Arena, Ph.D. in Chemical Engineering, is full professor of “Solid waste management” and “Industrial Pollution Control Engineering” at the University of Campania “Luigi Vanvitelli”. He is co-Editor-in-Chief of the Waste Management journal of Elsevier, since 2018, and in the Board of Directors of IWWG-Int. Waste Working Group. He was visiting professor in international research centres (Tongji University of Shanghai; Nanyang Technological University of Singapore; Kuwait Institute of Scientific Research). He is author of more than 110 scientific papers published in international scientific journals and 3 chapters in multi-authored books.
<b>Vincenzo CARPENTIERO</b> Ph.D electrical energy conversion; Amministratore Pravia srl -Consigliere ANCE Caserta	Having obtained a degree in Electronic Engineering in 2007, he concluded his university career with the achievement of a PhD in Electrical Energy Conversion in 2011. Enrolled in the professional association of the province of Caserta, he obtained various professional qualifications in environment, energy, and safety. Since 2012 he has been Sole Director and Technical Manager of PRAVIA srl, a company associated with Confindustria Caserta and ANCE Caserta. He first joined the Confindustria Caserta Youth Group, then the ANCE Caserta board; to date he is the contact and coordinator of various activities for ANCE Caserta at the “Luigi Vanvitelli” University.
<b>Antonio FIORENTINO</b> Head of the Department of Environmental, Biological and Pharmaceutical Sciences and Technologies (DISTABIF) of the University of Campania “Luigi Vanvitelli”	Full Professor in Organic Chemistry, he is an expert in the chemistry of bioactive natural products from edible and not-edible plants. Since 1997 he has been involved in research projects funded through competitive grants and has also served as a project evaluator. He is a member of the Editorial Board of Journal of Allelochemical Interactions and referee of several impactful scientific journals in his research field. He is author of 199 publications on international scientific journals, 12 chapters in scientific books and over 130 communications in national and international congresses.
<b>Giovanni LANZUISE</b> Architect; Technical Manager of Campania Region	Dr. Lanzuise is Head of the Management Operating Unit 60.06.04 - Special Office for Major Works - Programmes, Design, Implementation of Public Works of strategic and environmental importance also relating to PNRR and was Head of the Territory and Environment Sector, with skills in general urban planning, implementation planning, protection of the landscape, private construction, anti-abusive building, civil protection and public safety, environment, and ecology. From 2001 he has been a speaker in various national and international conferences on topics of urban planning and sustainable development and has held teaching positions in the Universities of the Campania Region.
<b>Paola LETTIERI</b> Pro-Provost University College London	Paola Lettieri is Professor of Chemical Engineering, and she is a member of the University Management Committee at UCL. She is a Fellow of the Royal Academy of Engineering (FREng) and a Fellow of the Institution of Chemical Engineers (FICHEME). She joined the Department of Chemical Engineering in 2001 as a Research Fellow of the Royal Academy of Engineering (RAEng). Prior to this, she spent 5 years at BP Chemicals, Sunbury. She was the first female engineer to be awarded of a prestigious Senior Research Fellowship of the RAEng and The Leverhulme Trust for her work on nuclear waste management. She has authored over 250 papers and 7 book chapters.

	She is co-author of a book published by Springer “Fluidized bed reactors: processes and operating conditions”.
<b>Alessandro MANDOLINI</b> <b>Head of the Engineering</b> <b>Department (DI) of the</b> <b>University of Campania</b> <b>“Luigi Vanvitelli”</b>	Full Professor of Geotechnical Engineering, he is an expert in the analysis and design of foundations and the interaction between Civil Engineering works and slow slope movements. He has participated in research projects financed through competitive tenders and is responsible for numerous agreements financed by public and private entities. He was a member of the Commission for Geotechnical Regulations of the C.N.R. and of the UNI/CIS/SC7 Commission for European Regulations in the geotechnical field. International recognition for his work includes the Gold Research (Bishop) Medal from the Institution of Civil Engineering of London (UK), the Harry Poulos Honor Lecture and the Bengt Fellenius Honor Lecture. He is the author of over 140 works and a book on Pile foundations.
<b>Simona Maria MONTI</b> <b>Ph.D. Food Science and</b> <b>Technology; Primo</b> <b>Ricercatore CNR</b>	Dr. Monti is a senior researcher at the CNR Institute of Biostructures and Bioimaging in Naples, where she conducts research in the fields of Chemistry, Biochemistry, Biotechnology, and Medicinal Chemistry. She is head of the Molecular Biology lab. She has been involved in over 40 research projects funded through competitive grants, acting as PI in 6 of them. She holds 3 international patents, 1 of which is licensed, and 3 national patents. She is the founder of the IMMUNOVEG srl spinoff, serves as a reviewer for European projects, and obtained the 2012 ASN as full professor in 05/E1. She is a member of the editorial board of Biomolecules and Scientific Reports and serves as an Associate Editor for Frontiers in Molecular Bioscience. She has authored over 110 articles in prestigious international journals.
<b>Dimitrios PAVLOU</b> <b>University of Stavanger,</b> <b>Norway</b>	Dimitrios Pavlou is a Full Professor of Mechanics at University of Stavanger in Norway, and Elected Academician of the Norwegian Academy of Technological Sciences. He has had over 25 years of teaching and research experience in the fields of Theoretical and Applied Mechanics, Fracture Mechanics, Finite and Boundary Elements, Structural Dynamics, Anisotropic Materials, and their applications in Engineering Structures. Professor Pavlou is recipient of the prestigious Hojjat Adeli Award for Innovation in Computing. He has authored important books and monographs, he is Associate Editor of several impactful scientific journals in his research field, and he is Editorial Board member of the journal with the highest impact factor in Civil Engineering: “Computer-Aided Civil and Infrastructure Engineering.”