

## Alessandro Flora

Full professor of Geotechnical Engineering at DICEA, University of Napoli Federico II, Italy. Visiting professor at the University of Rio Grande do Sul (Porto Alegre, Brazil, 2008) and visiting researcher at the Institute of Industrial Science (University of Tokyo, Japan, 1994). PhD in Geotechnical Engineering at the University Sapienza of Rome (Italy) in 1994. Chairman of the technical committee TC301 (*preservation of historic sites*) of ISSMGE, Italian representative in the technical committee TC211 (ground improvement) of ISSMGE, coordinator of a post graduate course on Geotechnical Engineering for the preservation of monuments and historic sites, member of the editorial board of the *Italian Geotechnical Journal (RIG)*, invited Expert Member of the “*European Innovation Partnership (EIP) on Raw Materials*” of the European Community. He has been coordinator of the European Raw Materials Commitment Recycling ROSE (2014-2020), member of the board of the Italian Geotechnical Association (AGI) (2012-2019), coordinator of the AGI published issues on Ground Improvement (2012-2019), Secretary of the Evolution Group EG14 (ground improvement) of TC250/SC7 (2012-2016), member of the Italian Mirror Group of TC250/SC7 (2012-2016). Author of about 250 papers on the main journals and conferences related to geotechnical engineering. Coauthor of 2 books on jet grouting (CRC press, one in English and one in Japanese), Co-Editor of proceedings and volumes on different topics, co-author of the Chapter on Foundations in the Encyclopedia of Engineering Geology (Springer). 2020 Best Thomas Telford Journals paper on Ground Improvement. 2012 Best Paper Award, Australian Research Council. 2004 Highly Commendable award, 5th Int. Conf. On Ground Improvement Techniques, Kuala Lumpur (Malesia). He has been the third Kerisel Lecturer in 2022, and has been keynote and invited lecturer to many international conferences. He is the coordinator of ongoing funded research agreements with: Univ. of Tokyo (Japan), NGI (Norway), QuakeCore Centre (New Zeland), Chennai University (India). Collector of competitive grants in Italy and Europe for more than 2M €. 2016 Patent 102016000044134: *Technology to reduce waves propagations in soils and rocks*; 2020 Patent 102020000016588: *Technology and implementation of a procedure for the seismic isolation of buildings*.