

Prof. Eng. **Renato Lancellotta**
Curriculum

Renato Lancellotta is Emeritus Professor of Geotechnical Engineering at Politecnico di Torino , where he graduated in Civil Engineering in 1974.

He has been Visiting Professor at University of Texas (Austin) in 1986, member of the Editorial Advisory Panel of *Géotechnique* (2002-2004) and Geotechnical Engineering and, at present, is Editor in Chief of the *Rivista Italiana di Geotecnica*. He has been awarded the Bishop Research Medal (Institution of Civil Engineers, London) in 2003.

In 2007 he has been elected Member of the Academy of Science of Torino.

From 2014 to 2021 he is has been Chairman of the International Committee on Preservation of Historic Sites and Monuments (TC301) and in 2012 he delivered the XI Croce Lecture.

Author of the books:

1. *Geotechnical Engineering*, Taylor and Francis, 2009;

2. *Geotecnica*, Zanichelli (1st ed. 1987; 4th ed. 2012);

he has also coauthored the books:

3. *Progettazione Geotecnica*, Hoepli, 2nd edition 2019;

4. *Continuum Mechanics using Mathematica*, Birkhauser, 2006, Boston;

5. *Fondazioni*, McGraw-Hill, 1999;

6. *Prefabricated Vertical Drains - Design and Performance*, CIRIA, London, 1991;

7. *The restoration of Ghirlandina Tower in Modena and the assessment of soil-structure interaction by means of dynamic identification techniques*, CRC Press, Londra, 2019.

He is editor of the Book Series on *Built Heritage and Geotechnics*, CRC Press, Taylor and Francis group, London.

He has published on mechanics of porous media, experimental soil behaviour, site characterization and soil-structure interaction.

Professional experience refers to geotechnical studies for the preservation of historical monuments, including the Leaning Tower of Pisa and the Sindone Chapel in Torino. He has been appointed as a member of the Scientific Committee for the preservation of the Ghirlandina Tower, the Cathedral of Modena, the S.Stefano church in Bologna, the Campanile of Giotto in Florence, the Garisenda tower in Bologna.

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