

Geotechnical Earthquake Engineering

Stuart Haigh

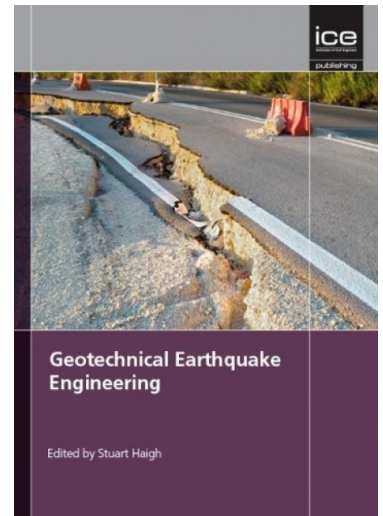
About the Book

The many large earthquakes of the last decade, including the series in Christchurch in 2010-2011 and the Tohoku earthquake in Japan, have focused even greater attention on the cyclic behaviour of soils during these events. Great advances have recently been made on all aspects of soil dynamics, from the prediction of liquefaction based on site investigation to the impact of shaking on geotechnical systems.

The Géotechnique Symposium in Print took place at the Institution of Civil Engineers on 15 June 2015 and provided a forum to discuss the latest advances in the area of geotechnical earthquake engineering. These proceedings bring together the international research presented at the symposium and a number of related papers which were published in earlier issues of Géotechnique. The papers selected for the symposium covered a wide range of topics, including:

- dynamic response of geotechnical systems
- prediction of liquefaction and evaluation of its impacts; and
- seismic stability of slopes.

Geotechnical Earthquake Engineering provides researchers and practitioners with a comprehensive introduction to the recent advances in this area from an international perspective.



Format: Hardback

Pagination: 176

Price: £79.00 \$124.00 €91.00

Publication Date:

18th Nov 2015

ISBN: 9780727761491

Enjoy 30% off this ebook with code **EME30** on ebooks.com or off the print book when placing an order via booksales@emerald.com and quoting the code **EME30**.