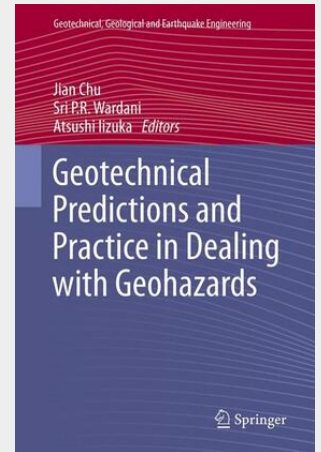


## Geotechnical Predictions and Practice in Dealing with Geohazards

The recent earthquake disasters in Japan and a series of other disasters in the world have highlighted again the need for more reliable geotechnical prediction and better methods for geotechnical design and in particular dealing with geohazards. This book provides a timely review and summaries of the recent advances in theories, analyses and methods for geotechnical predictions and the most up-to-date practices in geotechnical engineering and particularly in dealing with geohazards. A special section on the geotechnical aspects of the recent Tohoku earthquake disaster in Japan is also presented in this book. Key Features: This book is written by a group of internationally renowned researchers and practitioners to honour and mark the 40 years' contribution of one of the greatest educators, researchers and engineers in the world, Professor Hideki Ohta, to geotechnical engineering. Professor Ohta is presently professor at Chou University after his retirement from Tokyo Institute of Technology, Japan. The book provides some first-hand information on the 2011 Tohoku earthquake disasters in Japan, the most recent update on the theories and methods for geotechnical analyses and predictions, and the latest methods and practices in geotechnical engineering, in particular, dealing with geotechnical hazard. It is a rare occasion for some 30 plus international authorities to write on their best topic that they have been working on for years. The book is a must-have collection for any libraries and professionals in geotechnical engineering.

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