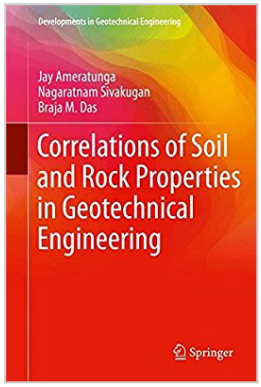

Correlations of Soil and Rock Properties in Geotechnical Engineering (Developments in Geotechnical Engineering)

By Jay Ameratunga, Nagaratnam Sivakugan, Braja M. Das

Correlations of Soil and Rock Properties in Geotechnical Engineering (Developments in Geotechnical Engineering) By Jay Ameratunga, Nagaratnam Sivakugan, Braja M. Das

This book presents a one-stop reference to the empirical correlations used extensively in geotechnical engineering. Empirical correlations play a key role in geotechnical engineering designs and analysis. Laboratory and in situ testing of soils can add significant cost to a civil engineering project. By using appropriate empirical correlations, it is possible to derive many design parameters, thus limiting our reliance on these soil tests. The authors have decades of experience in geotechnical engineering, as professional engineers or researchers. The objective of this book is to present a critical evaluation of a wide range of empirical correlations reported in the literature, along with typical values of soil parameters, in the light of their experience and knowledge. This book will be a one-stop-shop for the practising professionals, geotechnical researchers and academics looking for specific correlations for estimating certain geotechnical parameters. The empirical correlations in the forms of equations and charts and typical values are collated from extensive literature review, and from the authors' database.

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Editorial Review

From the Back Cover

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About the Author

Dr. Jay Ameratunga has been a practising civil engineer for over 35 years specialising in geotechnical engineering. After graduating from the University of Ceylon, Peradeniya in Sri Lanka, he obtained his Masters at the Asian Institute of Technology, Bangkok, and obtained his PhD from Monash University, Australia. Early part of his career was spent in Sri Lanka before joining the Coffey Group in 1989. He has been involved with the investigation, design and construction of many major projects, especially in Australia and New Zealand, including the Gateway Upgrade Project and the Future Port Expansion Seawall Project in Brisbane, and the State Highway 16 Project in Auckland. He works closely with universities on major research projects and mentors PhD students and young engineers. He has also been a visiting lecturer at Queensland University of Technology, Brisbane. He has co-authored close to 50 technical papers on soft clay, reclamation and ground improvement and has presented in conferences in Australia, New Zealand and at other international venues. He is a Past Chair, Australian Geomechanics Society, Queensland Division, a member of the Australian Standards Committee for Geosynthetics and a Fellow of the Institution of Engineers, Australia.

Dr. Nagaratnam Sivakugan received his Bachelor’s degree in Civil Engineering from the University of Peradeniya, Sri Lanka, with First Class Honours, and M.S.C.E and Ph.D. from Purdue University in West Lafayette, Indiana. His writings include five books, 110 refereed international journal papers, 75 refereed international conference papers, and more than 100 consulting reports. As a registered professional engineer of Queensland and a chartered professional engineer, he does substantial consulting work for the geotechnical and mining industry in Australia and overseas, including the World Bank. He is a Fellow of the American Society of Civil Engineers and Engineers Australia. He has supervised 13 Ph.D. students to completion at James Cook University, Queensland, Australia, where he was the Head of Civil Engineering from 2003 to 2014.

Dr. Braja Das is Dean Emeritus of the College of Engineering and Computer Science at California State University, Sacramento. He received his M.S. in Civil Engineering from the University of Iowa and his

Ph.D. in the area of Geotechnical Engineering from the University of Wisconsin. He is the author of a

number of geotechnical engineering texts and reference books and has authored more than 250 technical papers in the area of geotechnical engineering. His primary areas of research include shallow foundations, earth anchors, and geosynthetics. He is a Fellow and Life Member of the American Society of Civil Engineers, Life Member of the American Society for Engineering Education, and an Emeritus Member of the Chemical and Mechanical Stabilization Committee of the Transportation Research Board of the National Research Council (Washington D.C.). Dr. Das has received numerous awards for teaching excellence, including the AMOCO Foundation Award, the AT&T Award for Teaching Excellence from the American Society for Engineering Education, the Ralph Teetor Award from the Society of Automotive Engineers, and the Distinguished Achievement Award for Teaching Excellence from the University of Texas at El Paso.

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