



Analysis and Design of Shallow and Deep Foundations

By Lymon C. Reese, William M. Isenhower, Shin-Tower Wang

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One-of-a-kind coverage on the fundamentals of foundation analysis and design

Analysis and Design of Shallow and Deep Foundations is a significant new resource to the engineering principles used in the analysis and design of both shallow and deep, load-bearing foundations for a variety of building and structural types. Its unique presentation focuses on new developments in computer-aided analysis and soil-structure interaction, including foundations as deformable bodies.

Written by the world's leading foundation engineers, Analysis and Design of Shallow and Deep Foundations covers everything from soil investigations and loading analysis to major types of foundations and construction methods. It also features:

- * Coverage on computer-assisted analytical methods, balanced with standard methods such as site visits and the role of engineering geology
- * Methods for computing the capacity and settlement of both shallow and deep foundations
- * Field-testing methods and sample case studies, including projects where foundations have failed, supported with analyses of the failure
- * CD-ROM containing demonstration versions of analytical geotechnical software from Ensoft, Inc. tailored for use by students in the classroom

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Editorial Review

From the Back Cover

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About the Author

Lymon C. Reese is Nasser I. Al Rashid Chair Emeritus and Professor of Civil Engineering at the University of Texas, Austin. He's also a partner in the firm of Lymon C. Reese & Associates. He's the author of more than 150 technical papers and coauthor of several books, including *Dynamics of Offshore Structures*, Second Edition (published by Wiley).

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Shin-Tower Wang is President of Lymon C. Reese & Associates. He is the author or coauthor of more than thirty papers and publications on foundation engineering. He is a registered professional engineer in Texas.

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