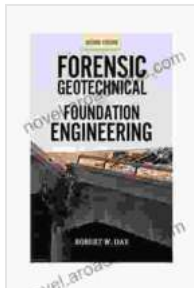


# Forensic Geotechnical and Foundation Engineering: Uncovering Hidden Issues in Construction



## Forensic Geotechnical and Foundation Engineering, Second Edition by Robert W. Day

★★★★☆ 4.2 out of 5

Language : English  
File size : 17865 KB  
Text-to-Speech : Enabled  
Enhanced typesetting : Enabled  
Word Wise : Enabled  
Print length : 528 pages  
Screen Reader : Supported

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Forensic geotechnical and foundation engineering is a critical field that investigates and resolves construction issues related to soil and foundation failures. These issues can range from minor cosmetic problems to catastrophic structural collapses, and can result in significant financial losses and even loss of life.

The second edition of *Forensic Geotechnical and Foundation Engineering* provides a comprehensive guide to this essential field. Written by Dr. Robert W. Day, a leading expert in forensic geotechnical engineering, the book covers everything from soil investigations and geotechnical reports to expert witness testimony.

## Key Features

- **Comprehensive coverage of forensic geotechnical engineering principles:** The book provides a thorough overview of the principles and practices of forensic geotechnical engineering, including soil mechanics, foundation engineering, and construction materials.
- **In-depth analysis of construction failures:** The book examines a wide range of construction failures, including those related to soil liquefaction, slope instability, and foundation settlement. It provides detailed case studies that illustrate how forensic geotechnical engineers investigate and resolve these issues.
- **Practical advice for forensic geotechnical engineers:** The book provides practical advice on how to conduct forensic geotechnical investigations, prepare geotechnical reports, and provide expert witness testimony. It also includes helpful tips for avoiding common pitfalls in forensic geotechnical practice.

## Benefits

The second edition of *Forensic Geotechnical and Foundation Engineering* offers a number of benefits to readers, including:

- **A comprehensive understanding of forensic geotechnical engineering principles:** The book provides a solid foundation in the principles and practices of forensic geotechnical engineering, making it an essential resource for both practicing engineers and students.
- **In-depth knowledge of construction failures:** The book provides a wealth of information on construction failures, including their causes, consequences, and remediation. This knowledge is invaluable to

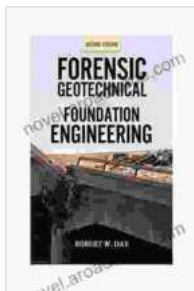
forensic geotechnical engineers who are investigating and resolving these issues.

- **Practical advice for forensic geotechnical engineers:** The book provides practical advice on how to conduct forensic geotechnical investigations, prepare geotechnical reports, and provide expert witness testimony. This advice is essential for forensic geotechnical engineers who want to succeed in this field.

*Forensic Geotechnical and Foundation Engineering* is a comprehensive guide to this critical field. It provides a thorough overview of forensic geotechnical engineering principles, in-depth analysis of construction failures, and practical advice for forensic geotechnical engineers. The book is an essential resource for anyone who wants to understand and resolve construction issues related to soil and foundation failures.

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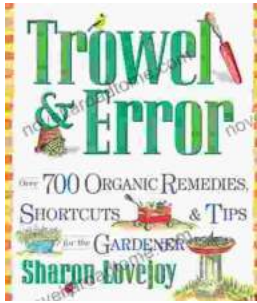
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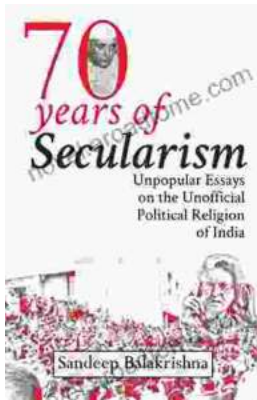
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