

GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING HANDBOOK

Edited by

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Geotechnical and geoenvironmental engineering are two of the most rapidly growing areas of civil engineering. This handbook provides a comprehensive compilation of the latest developments in these fields, covering all major aspects of geotechnical and geoenvironmental engineering.

The book is divided into four main sections:

- Geotechnical Engineering:** This section covers the properties of soils and rocks, soil mechanics, foundation engineering, earth structures, and geohazard assessment.
- Geoenvironmental Engineering:** This section covers environmental impact assessment, waste management, remediation technologies, and sustainable development.
- Advanced Topics:** This section covers topics such as geoenvironmental engineering, geohazard assessment, and geotechnical engineering.
- Case Studies:** This section presents case studies of real-world applications of geotechnical and geoenvironmental engineering principles.

The book is intended for civil engineers, geotechnical engineers, geoenvironmental engineers, and other professionals involved in the design and construction of infrastructure projects. It is also suitable for students and researchers in related fields.



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