

## Environmental Geotechnics

Robert W. Sarsby

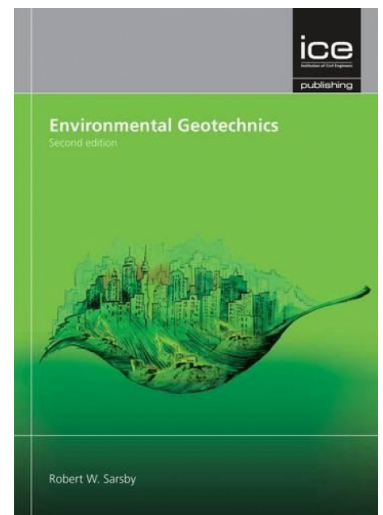
### About the Book

*Environmental Geotechnics* is a forward-thinking guide to aid engineers in applying geotechnical principles, processes and techniques in a way that will not only reduce their environmental impact but should benefit the environment.

The major construction-environment interface is geotechnical in nature. For engineers to be able to foresee environmental problems and modify construction projects, or derive novel approaches, to prevent negative impacts from their works, they need a thorough knowledge of their subject and a constant awareness of the 'pollution-output' of any construction operation.

*Environmental Geotechnics* draws on the author's extensive personal experience to provide a thorough coverage of the key components of environmental geotechnics, enabling engineers to identify and convert complex environmental problems into situations which can be accurately analysed. Revisions in this second edition include a new chapter on foundations and the key elements of design using Eurocode 7, and revised coverage of radioactive waste management and the requirements for safe disposal; construction waste management, including the use of waste as a construction material; geosynthetics and geomembranes.

With illustrative examples on a variety of geotechnical topics, investigation methods and common problems, *Environmental Geotechnics* demonstrates the applications of geotechnical principles to practical construction, uniquely coupling comprehensive coverage of all aspects of geotechnical engineering with in-depth explanation of ground engineering situations which involve major interaction with the environment. *Environmental Geotechnics* is an essential guide for construction professionals wishing to understand the latest concerns and developments on the construction-environmental interface as well as a textbook for all those involved in the study of civil engineering, engineering geology and environmental geotechnics.



Format: Hardback

Pagination: 538

Price:

£140.50 \$212.50 €162.00

Publication Date: 19th Jul 2013

ISBN: 9780727741875

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