



# Groundwater control: design and practice, second edition



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Whenever an excavation is made below the water table there is a risk that it will become unstable or flood unless measures are taken to control the groundwater in the surrounding soil. This publication provides information and guidance on dewatering methods used to control groundwater as part of the temporary works for construction projects.

Subjects covered include potential effect of groundwater on construction works, groundwater control techniques, safety management and contractual matters, legal and environmental issues that arise when groundwater is pumped and discharged, site investigation requirements and design methods for groundwater control schemes.

The guide explains the principles of groundwater control by pumping and gives practical information for the effective and safe design, installation and operation of such works. It will be valued by civil and geotechnical engineers, temporary works designers and planners involved in the investigation, design, specification, installation, operation and supervision of projects where groundwater control may be required.

