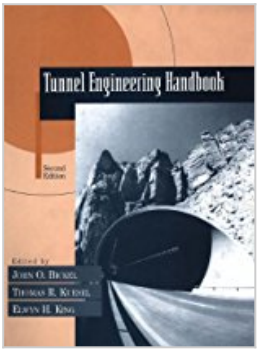

Tunnel Engineering Handbook

By Thomas R. Kuesel, Elwyn H. King, John O. Bickel

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The Tunnel Engineering Handbook, Second Edition provides, in a single convenient volume, comprehensive coverage of the state of the art in the design, construction, and rehabilitation of tunnels. It brings together essential information on all the principal classifications of tunnels, including soft ground, hard rock, immersed tube and cut-and-cover, with comparisons of their relative advantages and suitability. The broad coverage found in the Tunnel Engineering Handbook enables engineers to address such critical questions as how tunnels are planned and laid out, how the design of tunnels depends on site and ground conditions, and which types of tunnels and construction methods are best suited to different conditions. Written by the leading engineers in the fields, this second edition features major revisions from the first, including: * Complete updating of all chapters from the first edition * Seven completely new chapters covering tunnel stabilization and lining, difficult ground, deep shafts, water conveyance tunnels, small diameter tunnels, fire life safety, tunnel rehabilitation and tunnel construction contracting *New coverage of the modern philosophy and techniques of tunnel design and tunnel construction contracting The comprehensive coverage of the Tunnel Engineering Handbook makes it an essential resource for all practicing engineers engaged in the design of tunnels and underground construction. In addition, the book contains a wealth of information that government administrators and planners and transportation officials will use in the planning and management of tunnels.

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Editorial Review

Review
This ambitious book, supported by Parsons Brinckerhoff, covers all important aspects of tunnel engineering and contains a mass of advice from many experienced professional engineers. It merits a place on the book shelves of every tunnel engineer. - World Tunnelling; This ambitious book, supported by Parsons Brinckerhoff, covers all important aspects fo tunnel engineering and contains a mass of advice from many experienced professional engineers. It merits a place on the book shelves of every tunnel engineer. - World Tunnelling; This ambitious book, supported by Parsons Brinckerhoff, covers all important aspects fo tunnel engineering and contains a mass of advice from many experienced professional engineers. It merits a place on the book shelves of every tunnel engineer. - World Tunnelling

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