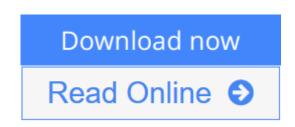


# Handbook of Tunnel Fire Safety (Geotechnical and Environmental)

By Alan Beard



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Following catastrophic tunnel fires that have occurred worldwide, it has become essential to gain a much better understanding of all aspects of tunnel fire safety, from basic science to acceptable risk and the law. The fundamental principles which have emerged from research and investigation in this field, form the bedrock for decision making on how tunnels may be designed, or up-graded and operated in an acceptable way. Spanning the spectrum of current knowledge available in the field of tunnel fire safety, Handbook of Tunnel Fire Safety covers a diverse range of topics. This new edition includes new information on automatic incident detection (AID), fire suppression in tunnels, heat release rates in tunnel fires, new case studies, and all up-to-date information on probabilistic modelling and tunnel fires, and tunnel fires and human behaviour.

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