

Road Traffic Safety: Theory and Practice

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ROAD TRAFFIC
SAFETY
Theory and Practice

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About this Publication:

This comprehensive text is the product of extensive research and practice in the field of road traffic safety. It aims to help practitioners make our road traffic environments safer spaces by achieving maximum road safety for both road-users and those who have to maintain our roadways and respond to traffic incidents.

From the training of traffic officers to enforcing the law on our roads, from the engineering aspects of road design, road maintenance and traffic control to dealing with practical issues such as drunk-driving, speeding and driver fatigue, author Sean Kockott has drawn on the latest wisdom, research and data from five continents.

The techniques and tools included in this wide-ranging account of theory applied in practice include the development, implementation and evaluation road traffic safety techniques, which are covered in chapters as diverse as:

- Road emergency preparedness and traffic movement continuity;
- Road traffic incident management and accident investigations;
- Traffic-calming techniques, traffic signs and road-marking management;
- Road and roadside hazard management;
- Traffic safety measures for roadworks and temporary situations;
- Management of special events, roads and the traffic; and
- Re-engineering for road traffic operations and management.

All of which makes Road Traffic Safety: Theory and Practice an essential reference not only for educators, students and practitioners but also for consultants in the field of road traffic safety management. The theme running through its 26 chapters is how road traffic safety practitioners can best achieve the lowest possible accident and severity rates, beginning with appropriate design and engineering through to effective management and enforcement.

Key Features and Benefits

This book can be used as both a student a practitioner resource.

Contents Include:**STRATEGIC DIRECTION OF ROAD TRAFFIC SAFETY MANAGEMENT**

- Strategic Direction of Road Traffic Safety Management
- Road Traffic Safety Management Principles and Practice
- Introduction to Road Traffic Risk and Its Origins
- Application of Road Traffic Risk Management
- Evaluation of Information

PRACTICE FORMULATION AND CONTROL

- A Holistic Approach to Problem-Solving
- Road Traffic Emergency Preparedness and Movement Continuity
- Speed Management
- Fatigue Management

SPECIFIC OPERATION PRACTICES

- Drunk-Driving Management and Enforcement
- Road Traffic Incident Management
- Re-Engineering for Road Traffic Operations and Management
- Road and Roadside Hazard Management
- Road Traffic Accident Investigations: Theoretical Framework
- Road Traffic Accident Investigations: In Practice
- Traffic-Calming Techniques And Management
- Traffic Sign and Road-Marking Management
- Publicity Campaigns and Materials for Promoting Road Traffic Safety
- Management of Special Events, Roads and Traffic: Theory
- Management of Special Events, Roads and Traffic: In Practice
- Management of Special Events, Roads and Traffic:
- Vehicle and Pedestrian Access and Circulation
- Law-Enforcement Management
- Crime-Prevention Strategy for the Road Traffic Environment
- Road Traffic Training Programmes
- Code of Ethics for Road Traffic Safety Professionals

Of Interest and Benefit to:

Road-Traffic-Safety students, educators, academics and practitioners.