

IET Library Reading List: Transportation



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Ebooks (provided by EBSCO)

[London Transport : A Hybrid in History 1905-48, James Fowler \(2019\)](#). Divided into three sections, the book explores the financial operations of the Board, the Board as a system of governance and the leadership and management within the LPTB. Using the extensive Transport for London archives.

[Disruptive Transport : Driverless Cars, Transport Innovation and the Sustainable City of Tomorrow, William Riggs \(2019\)](#). This book explores the impact that emerging transport technology is having on cities and their residents, and how policy is needed to shape the cities that we want to have in the future.

[From Vehicles To Grid To Electric Vehicles To Green Grid: Many A Little Makes A Miracle, Fuhuo Li et al \(2020\)](#). This book looks how electric vehicles and the technologies involved in their production and running can contribute to future sustainable green societies.

[Air Transport, Peter J. Lyth \(2016\)](#). This book covers various aspects of air transport including airports, commercial airlines, and helicopters. It places innovations in air transport within a historical and research context.

[Green and Smart Technologies for Smart Cities, Pradeep Tomar and Gurjit Kaur \(2020\)](#). As well as general technologies for smart cities this book contains a chapter on smart transport systems covering case studies, green transport and smart transport infrastructure.

[Transport Systems : Modelling, Planning, and Evaluation, Milan Janic \(2017\)](#). The book describes the current and prospective state of the art analytical modelling, conceptual planning, and multi-criteria evaluation of the selected cases of transport systems operated by different transport modes such as road, rail, sea, air, and intermodal.

[Traffic and Transport : An Economic History of Pickfords, Gerald L. Turnbull \(2017\)](#). This book, first published in 1979, traces the growth of Britain's inland transportation systems, chiefly for goods traffic, by road, canal and railway, from the early seventeenth century to the eve of nationalisation in 1947.

[Automated Vehicles and MaaS : Removing the Barriers, Bob Williams \(2021\)](#). A topical overview of the issues facing automated driving systems and Mobility as a Service, identifies the obstacles to implementation and offers potential solutions.

[Common Rail Fuel Injection Technology in Diesel Engines, Ouyang Guangyao \(2019\)](#). This book is a comprehensive examination of high-pressure common rail systems for electronic fuel injection technology, a crucial element in the optimization of diesel engine efficiency and emissions.

[Wireless Power Transfer for Electric Vehicles: Foundations and Design Approach, Alicia Triviño-Cabrera et al \(2020\)](#). This book describes the fundamentals and applications of wireless power transfer in electric vehicles and provides essential practical guidance on how to design wireless chargers for electric vehicles.

[Electric Vehicles in Energy Systems : Modelling, Integration, Analysis, and Optimization, Ali Ahmadian, Behnam Mohammadi-ivatloo and Ali Elkamel. \(2020\)](#). This book discusses the technical, economic, and environmental aspects of electric vehicles and their impact on electrical grids and energy systems. The book is divided into three parts that include load modeling, integration and optimization, and environmental evaluation.

[The Fully Charged Guide to Electric Vehicles & Clean Energy. \(2020\)](#). In The Fully Charged Guide to Electric Vehicles & Clean Energy, experts from around the globe explore how sustainable technology – everything from solar panels to wind turbines and electric vehicles – is getting cheaper, more effective and more available, and how by making everyday changes, we could see the 'big switch' in the coming decade.

Ejournals (provided by EBSCO)

[Transport](#). Short reports and notes, reviews, reports about conferences and workshops on transportation.

[Transport reviews](#). Covers all modes of transport with a focus on transport planning, economics, management, safety and sustainability.

[International Journal of Transport & Logistics](#). Articles focus on the applied research in all fields of logistics and transport.

[Railway Age](#). Articles, special reports, commentary, product and literature reviews, market and industry outlook and news on rail transport.

[International Railway Journal](#). The latest news and analysis of the global railway industry.

[Journal of Mechatronics, Electrical Power & Vehicular Technology](#). Publishes original research papers focused on mechatronics, electrical power, and vehicular technology.

[Automotive Logistics](#). Features, reports, interviews & news of the partnerships & developments in vehicle logistics globally.

[Air transport world](#). Features articles, special reports, business profiles, interviews, and commentary, in airlines and industries related to commercial air transport.

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