City logistics : mapping the future

Abstrak

Summary
"City Logistics: Mapping The Future examines the key concepts of city logistics along with the associated implementation issues, methodologies, and policy measures. Chronicling the growth of city logistics as a discipline and how planning and policy have improved practice over the last ten years, it details the technologies, policies, and plans that can reduce traffic congestion, environmental impact, and the cost of logistics activities in urban freight transportation systems.The book provides a comprehensive study of the modelling, planning, and evaluation of urban freight transport. It includes case studies from the US, UK, Netherlands, Japan, South Africa, and Australia that illustrate the experiences of cities that have already implemented city logistics, including the methods used to solve the complex issues relating to urban freight transport.Presents procedures for evaluating city logistics policy measuresProvides an overview of intelligent transport systems in city logisticsHighlights the essential features of joint delivery systems and off-hour delivery programsSupplies an overview of access restrictions and regulations related to city logistics in urban areasExpert contributors from major cities around the world discuss regional developments, share success stories and personal experiences, and highlight emerging trends in urban logistics. Coverage includes mathematical modeling, public policy planning and implementation, logistics in urban planning designs, and urban distribution centers.The book examines the impact of recent advancements in technology on city logistics, including information and communication technologies, intelligent transport systems, and GPS. It also considers future directions in city logistics, including humanitarian logistics, alternative transport modes in co-modality, last kilometer deliveries, partnerships between public and private sectors, alternative fuel vehicles, and emerging technologies such as 3D printing"