

1. Record Nr.	UNINA9910790564903321
Autore	Pinderhughes Raquel
Titolo	Alternative urban futures : planning for sustainable development in cities throughout the world // Raquel Pinderhughes
Pubbl/distr/stampa	Lanham, Maryland ; ; Oxford, England : , : Rowman & Littlefield Publishers, Inc., , 2004 ©2004
ISBN	0-7425-2366-7 0-7425-6981-0
Descrizione fisica	1 online resource (292 p.)
Disciplina	307.76
Soggetti	Urban ecology (Sociology) City planning - Environmental aspects Sustainable urban development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover Page; Title Page; Copyright Page; Contents; Acknowledgments; Preface; INTRODUCTION PLANNING FOR SUSTAINABLE URBAN DEVELOPMENT; Development and the Environment; Paradigm Shifts; Urban Development; Sustainable Urban Development; CHAPTER ONE URBAN WATER QUALITY, SUPPLY, AND MANAGEMENT; Water; Environmental and Social Impacts of Conventional Water Planning and Distribution Approaches; Groundwater; Large Diversion Schemes; Access to Sufficient and Clean Water Supply; Water Privatization; Conflicts over Water Resources; Shifting the Burden of Water Use Inadequate and Poor Management of Water Resources Moving Toward Sustainable Urban Water Management; Infrastructure Changes; Reducing Inefficiency and Overuse of Water in Households; Recapture and Reuse Water; Ecological Wastewater Treatment Strategies; Recognizing the True Cost of Water; Summary; Chapter Questions; CHAPTER TWO URBAN SOLID WASTE DISPOSAL, COLLECTION, AND MANAGEMENT; Solid Waste; Environmental and Social Impacts of Conventional Solid Waste Disposal Approaches; Open Pit Dumping and Burning; Landfills; Sanitary Landfills; Incineration

Sustainable Solid Waste Planning and Management  
Creating a Sustainable Materials Economy; Materials Management and Resource Recognition; Waste Disposal Taxes and Refund Deposit Strategies; Subsidies and Incentives; Reprocessing/Materials Exchange; Household and Small Business Waste Reduction and Recycling; Household Waste Collection in Informal Settlements; Individual Recycled Material Collectors; A Cautionary Word about Recycling; Reducing Organic Waste Accumulation: Composting; Summary; Chapter Questions; CHAPTER THREE URBAN ENERGY SUPPLY AND MANAGEMENT; Energy; World Energy Mix  
Environmental and Social Impacts of Fossil Fuel Dependency  
The Fossil Fuel Regime; Green Building and Design; Appropriate Technologies; Improving Household Biomass Systems; Renewable Energy; Wind Energy; Solar Energy: Photovoltaic; Solar Energy: Thermal; Summary; Chapter Questions; CHAPTER FOUR URBAN TRANSPORTATION PLANNING AND MANAGEMENT; Transportation; Transportation Patterns in Developing Countries; Transportation Patterns in Industrialized Countries; Environmental and Social Impacts of Automobile Dependency; How the Transportation Infrastructure Promotes and Supports Automobile Use  
Problems with Automobile Dependency  
Sustainable Urban Transportation Planning; Increasing Mass Transit Options and Mass Transit Ridership; Increasing the Role of Bicycles; Increasing the Role of Workbikes and Cycle Rickshaws; Creating Pedestrian-Friendly Infrastructures; Alternative Automotive Systems, Fuels, and Designs; Summary; Chapter Questions; CHAPTER FIVE URBAN FOOD PRODUCTION; Food; Environmental and Social Impacts of Industrial Agriculture and Corporate Food Systems; The Connection between Food and Other Planning Concerns; Urban Agriculture; Ancient Traditions and Current Practices  
Incorporating Urban Agriculture and Food-Related Issues into Urban Planning Concerns

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Sommario/riassunto

Alternative Urban Futures challenges existing models of urban development and promotes alternative paradigms, processes, and technologies designed to fulfill human needs and limit the harmful impacts of human activities on the environment.

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