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Urban Environmental Planning Aug 09 2021 Originally published in 1997, *Urban Environmental Planning* provides a groundbreaking overview of innovative methods and techniques for measuring and managing the environmental effects of urban land uses on other urban activities. Fully revised and updated, this second edition brings together a team of leading environmental planners and policy makers from the US, UK, Europe and SE Asia to address the central questions confronting sustainable urban development. Typical questions include: How can you measure and manage the negative environmental effects of intrusive urban activities such as manufacturing and transport on sensitive land uses including residential and recreational areas? Can a balance be found between reducing these effects through means such as separating conflicting land uses? While other sources identify the need for effective programmes to improve urban environmental quality, this volume describes and assesses analytical methods and implementing programmes practised by leading communities around the world.

Land Use and Environmental Change Due to Urban Sprawl Oct 23 2022 The book identifies the changing land use pattern and associated environmental and planning problems due to the haphazard urban growth. It is one of the finest demonstrations of utilization of Satellite Remote Sensing Technology in monitoring and mapping land use and change detection for urban and land use planning.

Design and Construction of Smart Cities Apr 24 2020 This book focuses on how to maintain environmental sustainability as one of its main principles, and it addresses how smart cities serve to diminish wastes and maintain natural resources by having clean green energy that is operated by new smart technology designs. Living in a smart city is not something of the future anymore, it is here, and it is being implemented all over the world. A smart city uses different types of electronic Internet of things (IoT) sensors to collect data and then use these data to manage assets and resources efficiently. The smart city concept integrates information and communication technology (ICT), and various physical devices connected to the IoT network to optimize the efficiency of city operations and services and achieve sustainable solutions to allow us to grow with proper management of our resources. Smart sustainable structures and infrastructures face the need of urban areas due to the growth of populations while in the same time save our environment. To achieve this, we need to revisit the conventional methods in design and construction and the conventional materials which are used now to optimize the design and provide smart solutions. In the past few years, the consumption of resources has been massive, and the waste produced from that consumption has been inconceivable. This is causing environmental degradation, which produces many environmental challenges, such as global climate change, excessive fossil fuel dependency and the growing demand for energy. As well as, discussing the challenges facing the civil engineering design and construction of smart cities components and presenting concepts and insight from experts and researchers from different civil engineering disciplines., this book explains how to construct buildings and special structures and

how to manage and monitor energy.

Urban Land Use Sep 22 2022 This title includes a number of Open Access chapters. This compendium volume, *Urban Land Use: Community-Based Planning*, covers a range of land use planning and community engagement issues. Part I explores the connections between land use decisions and consequences for urban residents, particularly in the areas of health and health equity. The chapters in Part II provide a closer look at community land use planning practice in several case studies. Part III offers several practical and innovative tools for integrating community decisions into land use planning. Land use decisions are often an invisible part of urban communities across the globe. However, their effects are anything but invisible. Urban land use patterns directly impact residents, and do so unequally across segments of the population based on income and race. Fortunately, land use planners are increasingly recognizing the need for meaningful and skillful community engagement strategies in order to rectify the consequences of historical land use decisions, and to build healthier, stronger future communities through responsive land use planning. The editor carefully selected each chapter individually to provide a nuanced look at community-based urban land use planning. The chapters included cover a wide variety of issues, including the relationship between land use decisions, resulting environmental conditions, and unequal health consequences for residents the substantial co-benefits of land designed for physical activity, including physical and mental health, social benefits, safety, sustainability, and economics urban health equity indicators to identify problems with the built environment and move cities toward better management of resources to create healthy communities how new media forms allow citizens to engage with and affect the built form of their communities. ways in which community organizations in low-income neighborhoods can be effective in working with city planning services that have few resources a GIS-based collaborative decision tool to make land use decisions regarding vacant land redevelopment interactive community planning that incorporates multiple stakeholders with the goal of economically stimulating, conserving ecosystems, and meeting social needs community land trusts as a way to democratically determine land use Taken as a whole, these chapters are a basis for furthering effective community input processes in urban planning. Together, planners and community members can make cities work better for all residents.

Rethinking Global Land Use in an Urban Era May 06 2021 Today, global land use is affected by a variety of factors, including urbanization and the growing interconnectedness of economies and markets. This book examines the challenges and opportunities we face in achieving sustainable land use in the twenty-first century. The contributors, from a range of disciplines and countries, present new analytical perspectives and tools for understanding key issues in global land use.

Peri-Urban China Jun 26 2020 The urban-rural relationship in China is key to a sustainable global future. This book is particularly interested in peri-urbanization in China, the process by which fringe areas of cities develop. Recent institutional change has helped clarify property rights over collective land, facilitating peri-urban area development. Chapters in this book explore how rural industrialization has changed the landscape and rules about land use in peri-urban areas. It looks at the role of rural industrialization and provides a detailed exploration of peri-urbanization theory, policy, and its evolution in China. Leading discussions find out how fragmented bottom-up industrialization, urbanization, and lax governance have led to a series of social and environmental problems. The progress in redevelopment of peri-urban areas was initially slow due to the spatial lock-in effect. This book offers practical solutions to environmental issues and explains how policymakers have the potential to redevelop a future collaborative, inclusive, and sustainable approach to peri-urban areas. This in-depth approach to

urbanization will be useful to academics in urban planning and governmental organizations. It will also be advantageous to NGOs and professionals involved in urban planning, public administration, as well as land-use work in China and other developing countries.

Urban Land Use May 18 2022 Cover -- Half Title -- Title Page -- Copyright Page -- Contents -- List of Contributors -- Acknowledgments and How to Cite -- Introduction -- Part I: Why Is Community-Based Planning Important? -- 1. The Collapse of Place: Derelict Land, Deprivation, and Health Inequality in Glasgow, Scotland -- 2. Co-benefits of Designing Communities for Active Living: An Exploration of Literature -- 3. Why We Need Urban Health Equity Indicators: Integrating Science, Policy, and Community -- Part II: Citizen Engagement in Land-Use Decisions -- 4. Owning the City: New Media and Citizen Engagement in Urban Design -- 5. Urban Ecological Stewardship: Understanding the Structure, Function and Network of Community-based Urban Land Management -- 6. Planning Office and Community Influence on Land-Use Decisions Intended to Benefit the Low-Income: Welcome to Chicago -- 7. A Structured Decision Approach for Integrating and Analyzing Community Perspectives in Re-Use Planning of Vacant Properties in Cleveland, Ohio -- Part III: Tools for Community-Based Urban Planning -- 8. Development of Future Land Cover Change Scenarios in the Metropolitan Fringe, Oregon, U.S., with Stakeholder Involvement -- 9. The Use of Visual Decision Support Tools in an Interactive Stakeholder Analysis-Old Ports as New Magnets for Creative Urban Development -- 10. Between Boundaries: From Commoning and Guerrilla Gardening to Community Land Trust Development in Liverpool -- 11. The Sustainable and Healthy Communities Research Program: The Environmental Protection Agency's Research Approach to Assisting Community Decision-Making -- Keywords -- Author Notes -- Index

Land Uses in American Cities Feb 27 2023

Urban Economic Theory Aug 21 2022 This book examines the economic reasons why people choose to live where they live and develops, through analysis of the bid rent function, a unified theory of urban land use and city size. The first part of the book explicates the basic theory of urban land use and optimal city size. Residential location behavior of households is examined in a microeconomic framework and equilibrium and optimal patterns of residential land use are discussed. The corresponding equilibrium and optimal city sizes are studied in a variety of contexts. Part Two extends the classical theories of von Thunen and Alonso with the addition of externality factors such as local public goods, crowding and congestion, and racial prejudice. The rigorous mathematical approach and theoretical treatment of the material make *Urban Economic Theory* of interest to researchers in urban economics, location theory, urban geography, and urban planning.

Urban Land Use Planning Jan 14 2022 Divided into three sections, this edition of *Urban Land Use Planning* deftly balances an authoritative, up-to-date discussion of current practices with a vision of what land use planning should become. It explores the societal context of land use planning and proposes a model for understanding and reconciling the divergent priorities among competing stakeholders; it explains how to build planning support systems to assess future conditions, evaluate policy choices, create visions, and compare scenarios; and it sets forth a methodology for creating plans that will influence future land use change. Discussions new to the fifth edition include how to incorporate the three Es of sustainable development (economy, environment, and equity) into sustainable communities, methods for including livability objectives and techniques, the integration of transportation and land use, the use of digital media in planning support systems, and collective urban design based on analysis and public participation.

Urban Land Use Policy: the Central City May 26 2020

Converting Land from Rural to Urban Uses Mar 28 2023

Urban Development Debates in the New Millennium Dec 21 2019 This Collection Of Essays By Academics And Practitioners From Around The World Underscores Issues And Concerns Of Sustainable Urban Development And Best Practices In Terms Of Theory As Well As Praxes. Contributors Have Made An Attempt To Critically Reconcile The Hypothetical With The Applied In Order To Arrive At Innovative Solutions For Urban Good Governance In The Context Of The Steady Proliferation Of Habitats And Conurbations All Over The World. Their Papers More Often Than Not Transcend Regional Specifics To Address The Common Agenda Of Urban Development Debates As Informed By Assorted Modernization Perspectives In The 21St Century. This Volume Brings Together Social Scientists, Development Consultants And Non-Profit Professionals So That The Multipositional Theories And Multicultural Praxes Might Be Reflected In Their Papers Based On Empirical Research And Field-Level Insights. It Is Expected That This Volume Will Provoke Fresh Debates And New Ideas That Will Facilitate Theory-Building As Well As Formulation Of Paradigms For Good Practices And Sustainable Urban Applications. The Book Would Be Found Highly Useful By Town Planners, Municipal Administrators, Ngos Working In The Field Of Urban Development, And Common Readers Interested In Urban Problems And Policies. It Will Be Equally Valuable For Policy Makers As Well As Students, Researchers And Teachers Of Urban Economics, Urban Sociology, Urban Geography And Public Administration.

Urban Transport and Land Use Planning: A Synthesis of Global Knowledge Jan 26 2023 Urban Transport and Land Use Planning: A Synthesis of Global Knowledge, Volume Nine in the Advances in Transport Policy and Planning series assesses practices and policies from around the world. Chapters in this updated release include TOD and travel behavior research: A bibliographical review, Mass transit investments and land use in Latin America: A review of recent developments and research findings, TODness and its impacts on TOD performance, Corridor and networked TODs: Concept and planning support tools, Rail-centered accessibility: Concept, policy, and practice, Smart growth and travel behavior: A synthesis, Advances in integrated land use transport modeling, and much more. Other sections cover Residential self-selection in the relationship between the built environment and travel behavior: a literature review and research agenda, Threshold and synergistic effects in land use-travel research, Parking requirements: How land use policy acts as transport policy, The shifting coalition for transportation/land-use policy reform, and Compact urban development in Norway: Spatial changes and underlying policies. Provides the authority and expertise of leading contributors from an international board of authors Presents the latest release in the Advances in Transport Policy and Planning series

Urban Land Use Planning Nov 24 2022 This is the urban planning Bible since it was first published. This fourth edition, extensively updated, brings it into the 1990s. Comprehensive, theoretical and policy driven. A superb source for anyone faced with problems associated with land planning. The definitive book that takes the larger view of community growth, land use and environmental quality. Every planning student and agency should have a well-thumbed copy. - Philip R. Berke, Department of Landscape Architecture and Urban Planning, Texas A&M University.

Master Plan of Land Use, Inventory and Classification Dec 01 2020

Urban Economics and Land Use in America: The Transformation of Cities in the Twentieth Century Apr 17 2022 This is a book about the reality of place in America, the events and influences that led to the America we recognize today. It is a book about the growth of American cities and their suburbs during the twentieth century, about institutions and metropolitan

governance, about real estate development and finance, about housing and the lack of it, about the emergence and perhaps the eventual debilitation of cities and suburbs alike. Incorporating the thinking of visionary city planners and land use economists, the author presents a lucid primer on the economics of land, its development and usage, and on how things actually get done in the real estate industry.

Assessing Urban Land Use/land Cover Change in Springfield, Missouri 1972-2000 Mar 24 2020 General urbanization trends indicate that population density is decreasing in the urban core of midwestern cities, while the population density of outlying areas has increased. These outlying areas, which traditionally support non-urban land uses, are being converted to urban uses. This paper will provide methods to identify rates of urban growth, determine major land cover types being converted to urban uses and use landscape metrics to determine the amount of fragmentation that is occurring within the various land cover types. This thesis utilizes multi-temporal Landsat satellite imagery to assess the rate and direction of urban growth in Springfield, Missouri and its surrounding metropolitan areas. Landsat satellite imagery will be acquired from 1972 through 2000 in approximately five-year intervals. These images are classified using six land use/land cover classes and change analysis is performed on each image. The non-urban land use/land cover in the study area experienced a large decline in all categories, while the urban class grew by 280 percent. Landscape metrics are run on the classified images at the landscape-, class-, and patch-levels to determine the amount of fragmentation each land use/land cover class experienced during the 30 year study period. All land cover classes became more fragmented.

Transportation, Land Use, and Environmental Planning Jul 08 2021 Transportation, Land Use, and Environmental Planning examines the practices and policies linking transportation, land use and environmental planning needed to achieve a healthy environment, thriving economy, and more equitable and inclusive society. It assesses best practices for improving the performance of city and regional transportation systems, looking at such issues as public transit and non-motorized travel investments, mixed use and higher density urban development, radically transformed vehicles, and transportation systems. The book lays out the growing need for greater integration of transportation, land use, and environmental planning, looking closely at changing demographic needs, public health concerns, housing affordability, equity, and livability. In addition, strategies for achieving these desired outcomes are presented, including urban design and land use planning, regional and corridor-level transit plans, bike and pedestrian improvements, demand management strategies, and emerging technologies and services. The final part of the book examines implementation challenges, considering lessons from the US and around the globe at both local and regional levels. Introduces never-before-published research Offers best practices for transit, cycling, urban design and housing provision Assesses emerging developments, such as smart cities, new vehicle technologies, automated highways and transportation sharing Examines the institutional and political dimensions of sustainability planning at the urban and regional levels Utilizes case studies from around the world that show alternative ways forward

Everything You Always Wanted to Know about Urban Land Use Data Jan 22 2020

Evaluation of "dry-year Option" Water Transfers from Agricultural to Urban Use Aug 29 2020

Peri-urban futures: Scenarios and models for land use change in Europe Mar 16 2022 Presently, peri-urbanisation is one of the most pervasive processes of land use change in Europe with strong impacts on both the environment and quality of life. It is a matter of great urgency to determine strategies and tools in support of sustainable development. The book synthesizes the results of PLUREL, a large European Commission funded research project (2007-2010). Tools and strategies of PLUREL address main challenges of managing land use in peri-urban areas. These

results are presented and illustrated by means of 7 case studies which are at the core of the book. This volume presents a novel, future oriented approach to the planning and management of peri-urban areas with a main focus on scenarios and sustainability impact analysis. The research is unique in that it focuses on the future by linking quantitative scenario modeling and sustainability impact analysis with qualitative and in-depth analysis of regional strategies, as well as including a study at European level with case study work also involving a Chinese case study.

Urban Ecology Jun 07 2021 This title includes a number of Open Access chapters. With increasing global urbanization, the environments and ecologies of cities are often perceived to suffer. While pollution and destruction of green space and species may occur, cities also remain part of natural systems. Cities provide natural processes necessary for survival for humans and other living organisms in urban areas. Urban ecology elucidates some of these processes and sheds light on their importance to healthy, fulfilling urban livelihoods. *Urban Ecology: Strategies for Green Infrastructure and Land Use* provides background on issues relating to urban ecology and urban natural processes. The first section covers the types, values, and recognition of ecosystem services provided by natural processes in urban areas. The second section details the importance and potential of green spaces in urban areas. The third section focuses on biodiversity traits of cities, and the ways in which urbanization affects biodiversity indicators. Finally, the fourth section covers some of the tools and approaches available for urban planners and designers concerned with improving or maintaining urban environments and the services they provide. This easily accessible reference volume offers a comprehensive guide to this rapidly growing field. Case studies and up-to-date research provide urban planners with new options for creating cities that will meet the demands of the twenty-first century. Also appropriate for graduate students who are preparing for careers related to urban planning, this compendium captures and integrates the current work being done in this vitally important field.

Converting Land from Rural to Urban Uses (Routledge Revivals) Jun 19 2022 This title aims to use social science research to contribute towards solving policy problems raised by the rural to urban land conversion process and by high land prices in particular. Ultimately, this book aims to develop the information useful to public decisions on zoning, taxation, public investments, transport systems, new towns, and so on, as they might affect the cost and quality of the conversion process. This book will be of interest to students of environmental studies.

Urban Sprawl and Public Health Jul 28 2020 'Urban Sprawl and Public Health' offers a survey of the impact that the built environment can have on the health of the people who inhabit our cities. The authors go on to suggest ways in which the design of cities could be improved & have a positive impact on the well-being of their citizens.

Urban Remote Sensing Mar 04 2021 *Urban Remote Sensing, Second Edition* assembles a team of professional experts to provide a much-needed update on the applications of remote sensing technology to urban and suburban areas. This book reflects new developments in spaceborne and airborne sensors, image processing methods and techniques, and wider applications of urban remote sensing to meet societal and economic challenges. In various sections of the book the authors address methods for upscaling urban feature extraction to the global scale, new methods in mapping and detecting urban landscape features and structures, and mapping and monitoring urbanization in developing countries. Additionally, readers are provided with valuable case studies such as the HEAT (Heat Energy Assessment Technologies) project in Calgary, Canada and the use of VHR (very high resolution) satellite monitoring in Salzburg, Austria to tackle challenges of urban green planning. *Features Explores the most up-to-date developments in the field of urban remote sensing Integrates both technical and practical aspects covering all different topics of global urban growth issues Provides new and updated contributions addressing data*

mining of remotely sensed big data, recent urban studies on a global scale, accuracy assessment and validation, and new technical challenges Examines various applications of urban remote sensing in support of urban planning, environmental management, and sustainable urban development Authors are renowned figures in the field of remote sensing

Urban Land and Sustainable Development Apr 05 2021 According to the 2014 revision of the World Urbanization Prospects by UN DESA, urbanization could add another 2.5 billion people to urban population by 2050, with close to 90 percent of the increase concentrated in Asia and Africa. This unprecedented increase in urban population not only poses challenges to providing jobs, housing, and infrastructure, but also exerts an increased pressure on urban land and sustainability. As land is a vital yet limited resource, sustainable management of urban land to cater the needs of this growing urban population is seen as one of the key challenges for achieving an economically efficient, socially equitable, and environmentally safe society. A key tenet for sustainable economic development and smart growth is promoting equitable sustainable urban land development and mitigating land use conflicts. While a large body of literature has dealt with both land use and sustainable development, the study of the interactive effects of these two remains limited. We need more sophisticated empirical studies examining processes, mechanisms, institutions, equity, and sustainability of urban land use. This book is based on a Special Issue published in Sustainability, and examines patterns, structure, and dynamics of urban land development and sustainability from multiple perspectives, in various contexts and at multiple dimensions (economic, social, political, developmental, and environmental, etc.). The research articles examine urban land development and sustainability arising from globalization, urbanization and institutional change. We have drawn papers from both developed and developing countries, with a focus on China due to the rapid rate of urbanization and change there. This book includes 14 articles, with various research emphases, methodologies and study areas, reflecting the inter-disciplinarily that characterizes urban and land use studies. The book has examined patterns and processes of urban land expansion and sprawl, and also studies new dimensions of urban space, including social media. These papers can provide us insights into the underlying structure and mechanisms of urban land expansion, and open new frontiers on the effects of urban land development on both the natural and human environments. We hope that this book will contribute to the understanding of urban land use patterns and processes, and their implications for sustainable development.

Shifting Water to Urban Uses Feb 15 2022

Regional Conversions of Agricultural Land to Urban Use in England and Wales, 1945-1967 Feb 03 2021

Urban Economics Sep 29 2020 Bringing urban issues into a modern microeconomic framework, this work uses basic economic analysis to explain why cities exist, where they develop, how they grow and how various activities are arranged within them. Census data is incorporated into the text, and used in charts and tables.

Standard Land Use Coding Manual Jul 20 2022

Economics and Contemporary Land Use Policy Sep 10 2021 As external forces increase the demand for land conversion, communities are increasingly open to policies that encourage conservation of farm and forest lands. This interest in conservation notwithstanding, the consequences of land-use policy and the drivers of land conversions are often unclear. One of the first books to deal exclusively with the economics of rural-urban sprawl, *Economics and Contemporary Land-Use Policy* explores the causes and consequences of rapidly accelerating land conversions in urban-fringe areas, as well as implications for effective policy responses. This book emphasizes the critical role of both spatial and economic-ecological interactions in

contemporary land use, and the importance of a practical, policy-oriented perspective. Chapters illustrate an interaction of conceptual, theoretical, and empirical approaches to land-use policy and highlight advances in policy-oriented economics associated with the conservation and development of urban-fringe land. Issues addressed include (1) the appropriate role of economics in land-use policy, (2) forecasting and management of land conversion, (3) interactions among land use, property values, and local taxes, and (4) relationships among rural amenities, rural character, and urban-fringe land-use policy. *Economics and Contemporary Land-Use Policy* is a timely and relevant contribution to the land-use policy debate and will prove an essential reference for policymakers at the local, state, and federal levels. It will also be of interest to students, academics, and anyone with an interest in the practical application of economics to land-use issues.

An Introduction to the Economics of Urban Land Use Feb 21 2020

The Water Environment of Cities Oct 31 2020 The concept for the *Water Environment of Cities* arose from a workshop “Green 1 Cities, Blue Waters” workshop held in 2006. The workshop assembled experts from engineering, planning, economics, law, hydrology, aquatic ecology, geom- phology, and other disciplines to present research findings and identify key new ideas on the urban water environment. At a lunch discussion near the end of the workshop, several of us came to the recognition that despite having considerable expertise in a narrow discipline, none of us had a vision of the “urban water en- ronment” as a whole. We were, as in the parable, blind men at opposite ends of the elephant, knowing a great deal about the parts, but not understanding the whole. We quickly recognized the need to develop a book that would integrate this knowledge to create this vision. The goal was to develop a book that could be used to teach a complete, multidisciplinary course, “The Urban Water Environment”, but could also be used as a supplemental text for courses on urban ecosystems, urban design, landscape architecture, water policy, water quality management and watershed m- agement. The book is also valuable as a reference source for water professionals stepping outside their arena of disciplinary expertise. *The Water Environment of Cities* is the first book to use a holistic, interdis- plinary approach to examine the urban water environment. We have attempted to portray a holistic vision built around the concept of water as a core element of cities. Water has multiple roles: municipal water supply, aquatic habitat, landscape aesth- ics, and recreation. Increasingly, urban water is reused, serving multiple purposes.

Landownership and Residential Land Use in Urban Economies Oct 11 2021 A basic model of residential land use is proposed, in which a group of city residents is assumed to jointly own a circular area of land extending from the central business district. This basic model then allows the existence and uniqueness of the land-use equilibrium to be shown, as well as the effects of land ownership, household income, and population. By extending this model to an arbitrary subset of the city land and by introducing a crowding externalities variable, the effects of land ownership on the land-use equilibrium are examined using comparative statistics. Extremely useful to everyone whose work or research covers the fields of economics, urban planning, or regional studies.

The Use of Land Apr 29 2023

Balanced Urban Development: Options and Strategies for Liveable Cities Dec 13 2021 This book provides a unique synthesis of concepts and tools to examine natural resource, socio-economic, legal, policy and institutional issues that are important for managing urban growth into the future. The book will particularly help the reader to understand the current issues and challenges and develop strategies and practices to cope with future pressures of urbanisation and peri-urban land, water and energy use challenges. In particular, the book will help the reader to

discover underlying principles for the planning of future cities and peri-urban regions in relation to: (i) Balanced urban development policies and institutions for future cities; (ii) Understanding the effects of land use change, population increase, and water demand on the liveability of cities; (iii) Long-term planning needs and transdisciplinary approaches to ensure the secured future for generations ahead; and (iv) Strategies to adapt the cities and land, water and energy uses for viable and liveable cities. There are growing concerns about water, food security and sustainability with increased urbanisation worldwide. For cities to be liveable and sustainable into the future there is a need to maintain the natural resource base and the ecosystem services in the peri-urban areas surrounding cities. This need is increasing under the looming spectre of global warming and climate change. This book will be of interest to policy makers, urban planners, researchers, post-graduate students in urban planning, environmental and water resources management, and managers in municipal councils.

Human-Environmental Interactions in Cities Dec 25 2022 This book addresses international research communities concerned with conceptual, scientific, and design approaches to urban land developments and biodiversity. The main focus is on the understanding of human-environment interactions analysed by multi-disciplinary approaches. The articles in this important collection include new concepts and challenges for sustainable green space development emerging from the pressure caused by urbanisation. The concept of biophilic urbanism and the framework of urban ecosystem services are introduced and referred to by applications in different case studies in Europe. Case studies also refer to the current challenges for biodiversity in different urban spaces. These spaces include the urban garden and school environments. Important human-species interactions are identified by analysing the allergenic potential of urban trees in a US city. Anthropogenic influences on the survival or local extinction of species are examined in a Mediterranean urban area. In all articles, the importance of urban planning on green infrastructure development, biodiversity conservation and management within the urban ecosystem is highlighted, and planning recommendations are given.

Cities and Space Nov 12 2021

An Introduction to Urban Design Jan 02 2021 The author uses his experience as an urban designer in New York City to examine the nature of city planning and how it can improve urban life.

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