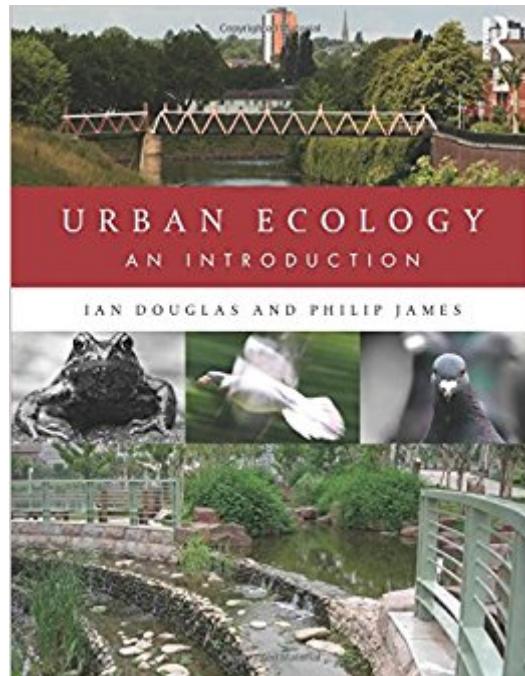


The book was found

# Urban Ecology: An Introduction



## Synopsis

Urban Ecology: An Introduction seeks to open the reader's mind and eyes to the way in which nature permeates everyday urban living, and how it has to be understood, cared for, and managed in order to make our towns and cities healthier places to visit and in which to live and work. The authors examine how nature can improve our physical and mental health, the air we breathe and the waters we use, as well as boosting our enjoyment of parks and gardens. Urban Ecology sets out the science that underlies the changing natural scene and the tools used to ensure that cities become both capable of adapting to climate change and more beautiful and resilient. The book begins with a discussion of the nature of urban places and the role of nature in towns and cities. Part 1 looks at the context and content of urban ecology, its relationship to other foci of interest within ecology and other environmental sciences, and the character of city landscapes and ecosystems. In Part 2 the authors set out the physical and chemical components of urban ecosystems and ecological processes, including urban weather and climate, urban geomorphology and soils, urban hydrology and urban biogeochemical cycles. In Part 3 urban habitats, urban flora and fauna, and the effects of, deliberate and inadvertent human action on urban biota are examined. Part 4 contains an exploration of the identification and assessment of ecosystem services in urban areas, emphasising economic evaluation, the importance of urban nature for human health and well-being, and restoration ecology and creative conservation. Finally, in Part 5 the tasks for urban ecologists in optimising and sustaining urban ecosystems, providing for nature in cities, adapting to climate change and in developing the urban future in a more sustainable manner are set out. Within the 16 chapters of the book there are examples from around the world are drawn upon - the authors explore current practice and future alternatives, set out procedures for ecological assessment and evaluation, suggest student activities and discussion topics, provide recommended reading and an extensive bibliography. The book contains more than 150 tables and over 150 photographs and diagrams.

## Book Information

Paperback: 500 pages

Publisher: Routledge; 1 edition (January 24, 2015)

Language: English

ISBN-10: 0415538955

ISBN-13: 978-0415538954

Product Dimensions: 7.4 x 1.1 x 9.7 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #167,032 in Books (See Top 100 in Books) #57 in Books > Arts & Photography > Architecture > Sustainability & Green Design #139 in Books > Arts & Photography > Architecture > Urban & Land Use Planning #440 in Books > Politics & Social Sciences > Sociology > Urban

## Customer Reviews

Ian Douglas is Emeritus Professor at the University of Manchester, with over 50 years of research experience relating to changes in the hydrologic and geomorphic systems of tropical rain forests, and to the biophysical changes in the urban environment. He is an Associate Editor of Ecological Processes, and Landscape and Urban Planning. Philip James is Professor of Ecology and leader of the Ecosystems & Environment Research Centre at the University of Salford. His research focuses on ecosystem ecology and urban ecology. He has been involved in a range of projects from creating ecological frameworks for cities and examining the ecosystem services associated with saltmarshes in urban areas to charting sustainable development in Shanghai.

[Download to continue reading...](#)

A Beginner's Urban Survival Prepping Guide: Basic Urban Self Defense Guide And Survival Tips in the Prepping Urban Environment(The Prepper's Urban survival ... A Beginner's Urban Survival Prepping Urban Homesteading: Become a Self Sustainable Urban Homesteader to Get off the Grid, Grow Food, and Free Yourself (Urban Homesteading: A Complete Guide ... a Self Sustainable Urban Homesteader) VISIONS OF EDEN: ENVIRONMENTALISM, URBAN PLANNING, AND CIT (URBAN LIFE & URBAN LANDSCAPE) Mapping Media Ecology: Introduction to the Field (Understanding Media Ecology) Urban Ecology: An Introduction Buddhism and Ecology: The Interconnection of Dharma and Deeds (Religions of the World and Ecology) Freshwater Ecology, Second Edition: Concepts and Environmental Applications of Limnology (Aquatic Ecology) Social Ecology: Applying Ecological Understanding to our Lives and our Planet (Social Ecology Series) Ecology: Global Insights & Investigations (Botany, Zoology, Ecology and Evolution) Wetland Ecology (Cambridge Studies in Ecology) Biology and Ecology of Earthworms (Biology & Ecology of Earthworms) Freshwater Ecology: Concepts and Environmental Applications of Limnology (Aquatic Ecology) Maximum Entropy and Ecology: A Theory of Abundance, Distribution, and Energetics (Oxford Series in Ecology and Evolution) Time and Complexity in Historical Ecology: Studies in the Neotropical Lowlands (Historical Ecology Series) The World of Wolves: New Perspectives on

Ecology, Behaviour, and Management (Energy, Ecology and Environment) Reptile Ecology and Conservation: A Handbook of Techniques (Techniques in Ecology & Conservation) Ecology and Classification of North American Freshwater Invertebrates, Third Edition (Aquatic Ecology) (Academic Press) Freshwater Algae of North America: Ecology and Classification (Aquatic Ecology) The Ecology of Phytoplankton (Ecology, Biodiversity and Conservation) Tropical Stream Ecology (Aquatic Ecology)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)