

Preface

Landscape ecology is concerned with the interactions between ecological processes and ecosystems. The important studies included in this area are land use, scaling, landscape mosaics, land cover change, landscape pattern analysis, landscape conservation, etc. This field uses the techniques of spatial ecology, landscape patterns, etc. to understand ecological processes. This book traces the progress of this field and highlights some of its key concepts and applications. It brings forth some of the most innovative theories and elucidates the unexplored aspects of landscape ecology. For all readers who are interested in this subject, the case studies included in this text will serve as excellent guide to develop a comprehensive understanding. It will serve as a valuable source of reference for graduate and post-graduate students. This book includes contributions of experts and scientists, which will provide innovative insights into this field.

This book has been the outcome of endless efforts put in by authors and researchers on various issues and topics within the field. The book is a comprehensive collection of significant researches that are addressed in a variety of chapters. It will surely enhance the knowledge of the field among readers across the globe.

It gives us an immense pleasure to thank our researchers and authors for their efforts to submit their piece of writing before the deadlines. Finally in the end, I would like to thank my family and colleagues who have been a great source of inspiration and support.

Editor

Introduction

Landscape ecology is a field of study that is concerned with the interactions between ecological processes and ecosystems. The important studies included in this area are land use, scaling, landscape mosaics, land cover change, landscape pattern analysis, landscape conservation, etc. This field uses the techniques of spatial ecology, landscape patterns, etc. to understand ecological processes. This book traces the progress of this field and highlights some of its key concepts and applications. It brings forth some of the most innovative theories and elucidates the unexplored aspects of landscape ecology. For all readers who are interested in this subject, the case studies included in this text will serve as excellent guide to develop a comprehensive understanding. It will serve as a valuable source of reference for graduate and post-graduate students. This book includes contributions of experts and scientists, which will provide innovative insights into this field.

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