

Preface

The world is advancing at a fast pace like never before. Therefore, the need is to keep up with the latest developments. This book was an idea that came to fruition when the specialists in the area realized the need to coordinate together and document essential themes in the subject. That's when I was requested to be the editor. Editing this book has been an honour as it brings together diverse authors researching on different streams of the field. The book collates essential materials contributed by veterans in the area which can be utilized by students and researchers alike.

This book points out that the better we can understand how ecosystems are formed and evolved, the better we can understand the history and future of our ecosystems; which is a vibrant and collaborative cluster made up of plants, animals and micro-organism communities. Humankind is an essential part of each ecosystem and enjoys all its advantages. Driven by the growing necessity to conserve ecosystem-productivity, several ecological researches have been conducted in the last few decades, highlighting the current condition of our planet and focusing on potential perspectives. This book contains extensive overviews and innovative studies focused on preservation studies, hazards and conservation management, and also considers agro-ecosystems biodiversity and its effects on the quality of human lifestyle.

Each chapter is a sole-standing publication that reflects each author's interpretation. Thus, the book displays a multi-faceted picture of our current understanding of application, resources and aspects of the field. I would like to thank the contributors of this book and my family for their endless support.

Editor