



Fundamentals of

# Environmental Biology



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# Fundamentals of Environmental Biology

*Fundamentals of Environmental Biology* has been conceived to bring different aspects of environmental biology under one head. The purpose of this book is to fill the gap between basic books of ecology or environmental science and advanced environmental biotechnology in an appropriate manner. Divided in two parts, the book contains fourteen chapters. The first part deals with the topics related with ecology and environmental sciences and the second part deals with environmental biotechnology aspects.

It will help the students of botany, zoology, biotechnology, and environmental sciences or engineering, as environmental biology is a multidisciplinary subject and involves various issues like ecological issues, global environmental problems, socio-economic scenario along with modern fields such as molecular ecology, etc. Although the book is primarily designed for undergraduate and postgraduate students, it also provides information in a precise way to the teachers, researchers and also to the people working in NGOs related to environmental aspects or problems.

## **Salient Features**

- Basic and advance concepts of ecology and environmental science.
- Origin of various pollutants and their impact.
- Mitigation of environmental problems using modern biotechnology approaches.
- Introduction of new areas: molecular ecology, green technology, system concept in ecology.
- Coverage of new and related topics: phytogeography, major environmental movements in India, geography information system and remote sensing, xenobiotics, and sustainable development.

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