

Fundamentals of Ecosystem Science

Ecosystem science has developed into a major part of contemporary ecology, and it is now applied to diagnose and solve a wide range of important environmental problems. *Fundamentals of Ecosystem Science* provides a compact and comprehensive introduction to modern ecosystem science. Written by a group of experts, this book covers major concepts of ecosystem science, biogeochemistry, and energetics.

Key features:

- Addresses, contrasts, and compares both terrestrial and aquatic ecosystems
- Combines general lessons, concepts, frameworks, and challenges in highly accessible synthesis chapters
- Presents firsthand case studies, written by leaders in the field, offering personal insights into how adopting an ecosystem approach led to innovations, new understanding, management changes, and policy solutions



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