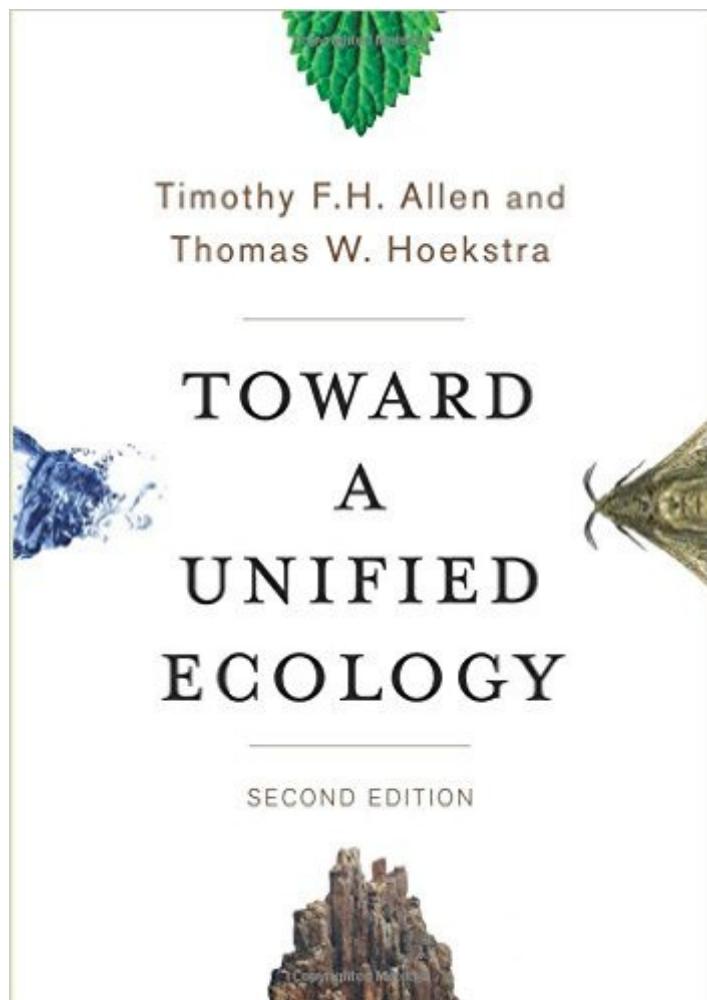


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Toward A Unified Ecology (Complexity In Ecological Systems)



Synopsis

The first edition of *Toward a Unified Ecology* was ahead of its time. For the second edition, the authors present a new synthesis of their core ideas on evaluating communities, organisms, populations, biomes, models, and management. The book now places greater emphasis on post-normal critiques, cognizant of ever-present observer values in the system. The problem it addresses is how to work holistically on complex things that cannot be defined, and this book continues to build an approach to the problem of scaling in ecosystems. Provoked by complexity theory, the authors add a whole new chapter on the central role of narrative in science and how models improve them. The book takes data and modeling seriously, with a sophisticated philosophy of science.

Book Information

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Customer Reviews

The new edition of *Toward a Unified Ecology* (TUE) is a more accessible version of the now classic original edition. The original version was well ahead of its time, and it is encouraging to see that many of the ground breaking ideas from the early 1990s are now much more mainstream. This new expanded and refined version builds on the best of the original version, with also expanding and updating the concepts. Numerous students of mine found the original version to be one of the most transformative books of their academic careers, just as I did as a graduate student 20 years ago. Thought provoking and intellectually challenging this book should be a must read for all serious

practitioners and scholars of ecology and conservation. It challenges conventional paradigms in a pragmatic and insightful way.

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