



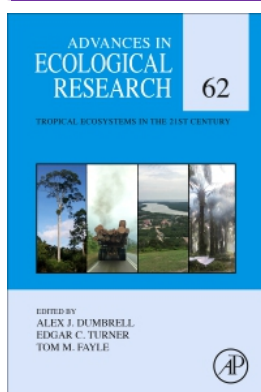
# BOOK NEWS from Elsevier

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複数の編集者がチームで担当し、年に最低1冊以上発行されるジャーナルを補完する必須文献です。共通の特性を持つトピックのさまざまな面に重点を置き、ジャーナルより長い記述でテーマを掘り下げたり、成熟した研究分野の権威ある情報を集め、手法について参照しやすくまとめています。

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## Advances in Ecological Research

ISSN: 0065-2504

Series Editor:

**David Bohan**, Centre INRA de Dijon, UMR 1347 Agroécologie, AgroSup - INRA - uB, Dijon, France

**Alex Dumbrell**, School of Biological Sciences, University of Essex, Colchester, UK

生態学に関する基幹的な理論から最新の知見までを幅広く収録するレファレンス。1962年創刊。

Advances in Ecological Research is one of the most successful series in the highly competitive field of ecology. Each volume publishes topical and important reviews, interpreting ecology as widely as in the past, to include all material that contributes to our understanding of the field. Topics in this invaluable series include the physiology, populations, and communities of plants and animals, as well as landscape and ecosystem ecology.

**CiteScore 2019: 12.7**

**Impact Factor 2019: 6.167** (Copyright ISI Journal Citation Report)

**Praise for the Series:**

"Important and innovative contributions to the subject and together have a breadth of approach that means that what they choose to put before their readers is likely to be of unusual interest or significance."

- PLANT PATHOLOGY

## Upcoming / Recent Volumes

2020年刊行

**Volume 63: THE FUTURE OF AGRICULTURAL LANDSCAPES, PART I**

Coming Soon

Serial Editors: David Bohan, Adam Vanbergen

eBook ISBN: 9780128220184 Hardcover ISBN: 9780128220177

**Volume 62: Tropical Ecosystems in the 21st Century**

Serial Editors: Alex Dumbrell, Edgar Turner, Tom Fayle

eBook ISBN: 9780128211366 Hardcover ISBN: 9780128211342

Advances in Ecological Research, Volume 62, the latest release in this ongoing series, covers a long list of topics, including Monitoring tropical insects in the 21st Century, The distribution and structure of long-term and large-scale fire manipulation experiments, The Agua Salud Project: Basic and applied research informing management of tropical landscapes for the 21st century, Conservation strategies and principles for tropical forests, Assessing forest quality using satellite remote sensing data: A test case using the Sabah Biodiversity Experiment, eDNA approaches to understand the current state and future of biodiversity of the Amazonian biome: pitfalls, improvements and challenges, and much more.

## Upcoming / Recent Volumes

2019 年刊行

### **Volume 61: Mechanisms Underlying the Relationship Between Biodiversity and Ecosystem Function**

Serial Editors: Nico Eisenhauer

eBook ISBN: 9780081029138 Hardcover ISBN: 9780081029121

Advances in Ecological Research, Volume 61, the latest release in this ongoing series includes specific chapters on the Mechanistic links between biodiversity and ecosystem function, A multitrophic, eco-evolutionary perspective on biodiversity–ecosystem functioning research, Linking species coexistence to ecosystem functioning - a conceptual framework from ecological first principles, Species contributions to above and below ground biodiversity effects in the Trait-Based Experiment, Plant diversity effects on element cycling, Plant diversity effects on consumer community structure, stability, and ecosystem function, Plant community assembly and the consequences for ecosystem function, and more.

### **Volume 60: Resilience in Complex Socioecological Systems**

Serial Volume Editors: David Bohan, Alex Dumbrell

eBook ISBN: 9780081028551 Hardcover ISBN: 9780081028544

Resilience in Complex Socioecological Systems, Volume 60, the latest release in the Advances in Ecological Research series, includes specific chapters that cover Ecological Resilience, Socio-economic Resilience in Agriculture, Socio-ecological Resilience, Adaptive Capacity in Ecosystems, Tales of Resilience from iDIV and Resilience/ Robustness in Agro-ecology, and Resilience/Robustness in Agro-ecology, amongst other important topics in ecological research.

2018 年刊行

### **Volume 59: Next Generation Biomonitoring: Part 2**

Serial Editors: David Bohan, Alex Dumbrell

eBook ISBN: 9780128143186 Hardcover ISBN: 9780128143179

Next Generation Biomonitoring: Part Two, Volume 59, the latest release in the Advances in Ecological Research series, is the second part of a thematic on ecological biomonitoring. It includes specific chapters that cover aquatic volatile metabolomics using trace gases to examine ecological processes, next generation approaches to rapid monitoring Bio-aerosol and the link between human health and environmental microbiology, NGB in Canadian wetlands, CELLDEX/global monitoring of functional responses, Citizen Science and Biomonitoring, and more.

### **Volume 58: Next Generation Biomonitoring: Part 1**

Serial Editors: David Bohan, Alex Dumbrell, Guy Woodward, Michelle Jackson

eBook ISBN: 9780128139509 Hardcover ISBN: 9780128139493

Next generation approaches to rapid monitoring Bio-aerosol and the link between human health and environmental microbiology, NGB in Canadian wetlands, Monitoring the biodiversity and functioning of terrestrial systems via high resolution trace gas fluxes, and Computational approaches to gathering biomonitoring data from social media platforms: a superior solution to next generation biomonitoring challenges.

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