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DESCRIPTION

The journal Food Webs publishes original research articles, focused reviews and short communication papers examining the species interactions that structure ecological communities. This interdisciplinary journal encompasses both experimental and theoretical research that seeks a mechanistic understanding of the influence of these interactions on the composition of communities and functioning of ecosystems. As such, articles focus on a multitude of areas within the area of food web biology.

These include, but are not limited to, the following:

- simple trophic relationships and cascading effects between levels of a community
- multi-species interactions and the structuring of populations and communities
- effect of competition and co-existence of species in defining trophic relationships
- effect of perturbation on species and interaction pathways
- quantifying direct and indirect effects on populations
- stability and productivity of food webs
- empirical and theoretical assessment of food web structure and complexity
- models explaining food web structure and trophic relationships

Food Webs will consider papers from terrestrial, freshwater and marine systems, without any bias for the taxa being studied or techniques used

IMPACT FACTOR

2021: 2.200 © Clarivate Analytics Journal Citation Reports 2022

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ScienceDirect
Science Citation Index Expanded
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Communities, food webs, predation, warming

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Wildlife Ecology, invasive species, statistics, mammology

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Intraguild predation, biodiversity, trophic cascades

Robert Emerson Clark, Great Hollow Nature Preserve & Ecological Research Center, New Fairfield, Connecticut, United States of America

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Sandra Cooke, Greensboro College Department of Natural Sciences, Greensboro, North Carolina, United States of America

Aquatic ecology, Invasive species, Science communication

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Wildlife Ecology, invasive species, statistics, mammology

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Microbial ecology, marine ecosystems, parasites, pathogens

Sean Giery, The Pennsylvania State University, University Park, Pennsylvania, United States of America
Trophic ecology, Resource subsidies, Sexual selection, Contemporary evolution, Herpetology

Fujio Hyodo, Okayama University, Okayama, Japan

Isotope ecology, Soil ecology, Trophic ecology, Soil invertebrates, Nutrient dynamics.

Andrew L. Jackson, The University of Dublin Trinity College, Dublin, Ireland

Animal Behavior, Behavioral and evolutionary ecology, Bioengineering, Biological Modeling, Biomechanics, Biomedical Engineering

Abby Jones, MARA University of Technology Faculty of Medicine, Sungai Buloh, Malaysia
 Invertebrates, Forensics, Decomposition, Insects, Scavenging, Decomposition Ecology, Black soldier flies

Ferenc Jordán, Center for Ecological Research and Forestry Applications, Barcelona, Spain
 Biological networks

Nicolas Lecomte, University of Moncton, Moncton, New Brunswick, Canada
 Polar and boreal ecosystem, predator-prey relationships, modeling, biodiversity and biogeography, animal behavior

Shawn Leroux, Memorial University of Newfoundland, St John's, Newfoundland and Labrador, Canada
 Ecosystem ecology, Landscape ecology, Theoretical ecology, Food web ecology

Naureen Rana, University of Agriculture Faisalabad, Faisalābād, Pakistan
 Entomology, Population Biology, Community Ecology, Conservation Biology, Agroecology, Biological Control, Species Diversity, Habitat Restoration

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 Animal ecology, Soil ecology, Food webs, Trophic interactions, Community ecology

Marco Scotti, Helmholtz Centre for Ocean Research, Kiel, Germany
 Ecological networks, quantitative ecology, global change, marine ecology

Brian Silliman, Duke University, Durham, North Carolina, United States of America
 Community ecology, conservation and restoration, global change, plant–animal interactions, and evolution and ecological consequences of cooperative behavior, marine ecosystems

Christopher Stallings, University of South Florida, Tampa, Florida, United States of America
 Marine ecology, fisheries, predation, stable isotopes

Shucun Sun, Nanjing University, Nanjing, China
 Food web, ecological network, trophic interaction, community ecology, species coexistence

Tyler Tunney, Fisheries and Oceans Canada, Ottawa, Ontario, Canada

Ranjit Kumar Upadhyay, Indian Institute of Technology, Dhanbad, India
 Population dynamics modeling, Reaction-diffusion systems, Aquatic and terrestrial modeling, Epidemic modeling and Eco-epidemic models

GUIDE FOR AUTHORS

Type of Paper

Original Research Article

Research Papers should report the results of original research. The material should not have been previously published elsewhere. Articles are expected to contribute new information (e.g. novel methods of analysis with added new insights and impacts) to the knowledge base in the field, not just to confirm previously published work.

Review Article

Review Articles can cover either narrow disciplinary subjects or broad issues requiring interdisciplinary discussion. They should provide objective critical evaluation of a defined subject. Reviews should not consist solely of a summary of published data. Evaluation of the quality of existing data, the status of knowledge, and the research required to advance knowledge of the subject are essential.

Short Communication

Depictions of feeding interactions is at the core of studying the structure and function of food webs. Short Communications are structured around this foundational component of food web ecology, featuring contributions related to empirical depictions of trophic relationships. Short Communications are limited to 3000 words and are not subdivided. The paper should contain an abstract, main body and references, and contain no more than 6 figures or tables, combined.

At least two formats will be considered:

- (1) Data-driven communications that detail novel feeding relationships, but are not extensive enough to warrant a full manuscript.
- (2) Natural history observations of unique or under-appreciated trophic relationships. In each case, it needs to clearly articulated how the Communication outlines an advance in our understanding of food web structure or function. High resolution photos of the organisms of interest are encouraged. All submissions will move through the same review process as full articles.

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Food Webs is pleased to offer special distinction for exceptional, original research publications that were conducted by student researchers and carry the name of the student as the lead and/or corresponding author.

Papers in this category will be published under the heading "Highlighted Student Research" and will be marked accordingly in the table of contents of the volume in which it is published.

Students who wish their papers to be considered for the honor must (1) mark the appropriate box for Highlighted Student Research paper during the online submission process, and (2) explain in the cover letter the main reasons why the paper deserves recognition, referring to the criteria below: substantial contribution to the work by the student research question high quality of study / experimental design high quality of data analysis, presentation and discussion implications for conservation, management, or policy broader impacts of the research, including contributions to outreach, conservation, and promoting diversity and inclusion within the field

Papers considered for this honor will undergo standard peer-review. The Handling Editor will make a recommendation as to whether the paper should be highlighted, with the final decision being made by the Editor-in-Chief.

Submission checklist

You can use this list to carry out a final check of your submission before you send it to the journal for review. Please check the relevant section in this Guide for Authors for more details.

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- All figures (include relevant captions)
- All tables (including titles, description, footnotes)
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Graphical Abstracts / Highlights files (where applicable)
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State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results.

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References

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