HARMFUL ALGAE

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DESCRIPTION

This journal provides a forum to promote knowledge of harmful microalgae and macroalgae, including cyanobacteria, as well as monitoring, management and control of these organisms. Both original research and review papers will be considered.

Papers dealing with the following aspects of harmful microalgae and cyanobacteria in marine and fresh waters will be considered:
• The distribution, life histories and taxonomy of harmful microalgae;
• The physiology and toxicology of harmful microalgae;
• Harmful microalgal bloom ecology;
• Trophic, socio-economic, public health and aquacultural impacts of harmful microalgal bloom events;
• Occurrence, methods of detection and chemical structure of toxins in harmful microalgae, cyanobacteria, foodwebs and seafood;
• Factors controlling toxin production, biosynthesis and chemical ecology.

Note: Papers dealing with pharmacology fall outside of the scope of the journal.

All papers will be subject to peer review. Authors will receive proofs. The editors, referees, and publisher will make every effort to expedite publication, the co-operation of authors in this task is welcomed.

Cover picture by Joe Hlebica, Scripps Institution of Oceanography, Multi-Media Group

AUDIENCE

Marine Biologists, Aquaculturalists, Fisheries Biologists, Oceanographers, Ecologists, Environmental Scientists, Chemists, Food Scientists, and Toxicologists.

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Gustaf Hallegaard, University of Tasmania Institute for Marine and Antarctic Studies, Hobart, Australia
HABs, phytoplankton taxonomy, fish-kills, ship ballast water, global change
Per Juel Hansen, University of Copenhagen Marine Biology Unit, Helsingør, Denmark
Fish-killing algae, Toxins, Mixotrophy, Food web, functional biology
Tim Harwood, Cawthron Institute, Department of Analytical Sciences, Nelson, New Zealand
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Philip Hess, French Research Institute for Exploitation of the Sea Phycotoxins Laboratory, Nantes, France
Porter Hoagland, Woods Hole Oceanographic Institution Marine Policy Center, Woods Hole, Massachusetts, United States
Marine policy, Natural resource economics, Natural hazards, Policy analysis, Governance
Mitsunori Iwataki, University of Tokyo, Asian Natural Environmental Science Center, Tokyo, Japan
Taxonomy, Phylogeny, Dinoflagellate, Ultrastructure

**Uwe John**, Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Germany

**Anke Kremp**, Institute for Baltic Sea Research Warnemuende, Department of Biological Oceanography, Rostock, Germany

Phytoplankton Ecology, Biodiversity, Harmful Algae, Climate Change, Adaptation

**Kathi Ann Lefebvre**, Northwest Fisheries Science Center, Seattle, Washington, United States

Algal Toxins, Acute exposure, toxins in food web, trophic transfer, exposure risks

**Rodolphe Lemée**, Oceanography Laboratory Villefranche, Villefranche sur Mer, France

Marine ecology, chemical ecology, dinoflagellates, Ostreopsis

**Renhui Li**, Institute of Hydrobiology Chinese Academy of Sciences, Wuhan, China

**Nina Lundholm**, University of Copenhagen, Natural History Museum of Denmark, København, Denmark

Ecology, Taxonomy, Evolution, Toxinology, Diatoms

**Angus Lincoln Mackenzie**, Cawthron Institute, Environmental Technologies, Nelson, New Zealand

Phytoplankton, Ecology, Toxins, Dinoflagellates, Aquaculture

**Yukihiko Matsuyama**, National Research Institute of Fisheries and Environment of Inland Sea Fisheries, Hatsukaichi, Japan

**Linda K. Medlin**, The Marine Biological Association, Plymouth, United Kingdom

Marine phytoplankton; Early warning systems for toxic algae and freshwater pathogens; Analyzing marine biodiversity

**Øjvind Moestrup**, University of Copenhagen, Copenhagen, Denmark

**Marina Montresor**, Zoological Station Anton Dohrn, Napoli, Italy

**Shauna A. Murray**, University of Technology Sydney, Sydney, Australia

Phylogenetics, genetics, Alexandrium, Gambierdiscus, molecular ecology

**Michael L. Parsons**, Florida Gulf Coast University, Marine and Earth Sciences, Fort Myers, Florida, United States

Ciguatera; Eutrophication; Modeling; Pseudo-Nitzschia

**Tawnya Peterson**, Oregon Health & Science University, Portland, Oregon, United States

**Grant Pitcher**, Republic of South Africa Department of Environmental Affairs Oceans and Coasts, Cape Town, South Africa

Dinoflagellate taxonomy and systematics; dinoflagellate ultrastructure and cytology; warm temperate; subtropical, and topical dinoflagellate blooms; coastal and estuarine phytoplankton communities and distribution; harmful algal bloom contingency plans

**Robin Raine**, National University of Ireland Galway, Galway, Ireland

**Lesley L. Rhodes**, Cawthron Institute Coastal and Freshwater Group, Nelson, New Zealand

Harmful microalgae blooms, taxonomy, benthic dinoflagellates, climate change, microalgae culture collection

**Mindy L. Richlen**, Woods Hole Oceanographic Institution Department of Biology, Woods Hole, Massachusetts, United States

Ciguatera, Gambierdiscus, benthic dinoflagellates

**Juliette L. Smith**, William & Mary Virginia Institute of Marine Science, Gloucester Point, Virginia, United States

Phycotoxins, HAB ecology, algal culturing

**Vera Trainer**, National Oceanic and Atmospheric Administration Western Regional Center, Seattle, Washington, United States

**Charles Trick**, Western University, London, Ontario, Canada

**Dedmer van de Waal**, Netherlands Institute of Ecology, Wageningen, Netherlands

Ecological Stoichiometry, Trade-based ecology, Global environmental change, Cyanotoxins, Dinoflagellates

**Steven Wilhelm**, The University of Tennessee System, Knoxville, Tennessee, United States

**Alan E. Wilson**, Auburn University, Auburn, Alabama, United States
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Review Papers
Book Reviews
Policy Analysis (Short Communication)
Mini-Reviews(Short Communication)
Perspectives (Short Communication)

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