TABLE OF CONTENTS

- Description p.1
- Audience p.2
- Impact Factor p.2
- Abstracting and Indexing p.2
- Editorial Board p.2
- Guide for Authors p.4

DESCRIPTION

*Algal Research* is an international phycology journal covering all areas of emerging technologies in algae biology, biomass production, cultivation, harvesting, extraction, bioproducts, biorefinery, engineering, and econometrics. Algae is defined to include cyanobacteria, microalgae, macroalgae, and protists and symbionts of interest in biotechnology. The journal publishes original research and reviews for the following scope: *algal biology*, including but not exclusive to: phylogeny, biodiversity, molecular traits, metabolic regulation, and genetic engineering, *algal cultivation*, e.g. phototrophic systems, heterotrophic systems, and mixotrophic systems, *algal harvesting and extraction systems, biotechnology* to convert algal biomass and components into biofuels and bioproducts, e.g., nutraceuticals, pharmaceuticals, animal feed, plastics, etc. *algal products* and their economic assessment.

Papers in the latter topics should include characterization and analysis in support of such processes and technologies, for example: approaches to *biorefinery and biomass characterization, sustainability assessments and analyses*, such as techno-economic, life cycle, and resource assessments of systems and processes using algae as a main source of biomass.

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A wide audience of scientists, engineers and others is addressed: students, instructors, researchers, practitioners, managers, governments and related stakeholders from the following disciplines:

- Plant biology (algae, photosynthesis, lipids, membranes)
- Biotechnology (Bioconversion, Biorefinery, Industrial biotechnology)
- Aquatic sciences (Aquaculture, Algae)
- Sustainable Agriculture, environmental sciences and Energy

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**INTRODUCTION**

**Algal Research** is an international journal that will cover all areas of emerging technologies in algal biology, biomass production, cultivation, harvesting, extraction, bioproducts, and econometrics.

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1. Original scientific research papers
2. Review articles
3. Invited commentaries
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