
Journal of Marine Sciences & Environmental Technologies

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Foreword

Journal of Marine Sciences and Environmental Technologies (JMSET) is a scientific refereed periodical international journal. It is issued by Faculty of Marine Resources at Alasmarya Islamic University, in accordance to the resolution of the Council of Alasmarya Islamic University (253/2015). JMSET endeavors to provide a notable and discern forum to publish research manuscripts of high quality relevant to wider area of marine science and environmental topics. JMSET is a multidisciplinary journal covering wide area subjects of marine sciences and environmental technologies. It promotes insight and understanding of the state of the art, and trends in environment, engineering, and marine sciences.

This volume 1 and issue 1 (June 2015) contains eight diversified scientific contributions (manuscripts) which are blindly peer reviewed by members of JMSET editorial, and reviewers panel to ensure optimum standards. We hope these papers will be helpful for imparting advanced knowledge to the researchers, academics, and technologist who are involved in research, teaching and practical fields. The issue covers a broad range of topics in the field marine science, engineering and techniques of environmental treatment.

We want to express our heartfelt thanks to Authors for submitting their work and also to the distinguished members of the editorial board, reviewers and the publication committee who have put their relentless effort to publish the issue successfully. We believe this issue reflects the topics focus of JMSET and provides resources to the research community. We believe our authors will be continuously supporting and relying on JMSET to publish quality research work.

Dr. Mustafa E. Elsharif

Editor-in-Chief, JMSET

Call for Manuscripts

Journal of Marine Sciences and Environmental Technologies is a peer-reviewed journal, published by Faculty of Marine Resources, Alasmarya Islamic University. The journal publishes research papers in the fields of;

Marine Sciences;

The journal draws from diverse topics within the major disciplines of coastal and blue water oceanography (biological, chemical, geological and physical) as well as subjects in ecology, conservation and technological developments with the marine environment as the unifying theme. Also all branches of engineering related to marine such as (offshore & marine explore, mechanical, naval architecture and corrosion,... etc.).

Environmental Technologies;

JMSET covers all sorts of researches on the field of environmental technologies (management, assessment, monitoring and treatment) of atmospheric environment, aquatic environment and municipal solid waste,...etc.

We are seeking submissions for forthcoming issues. The paper should be written in professional English. The length of 3000-8000 words is preferred. All manuscripts should be prepared in MS-word format, and submitted to managing Editor e-mail.

Paper Selection and Publication Process

- a) Upon receipt of paper submission, the editor sends an E-mail of conformation to the corresponding author within 1-3 working days. If you fail to receive this conformation, your submission/e-mail may be missed. Please contact the Editor in time for that.
- b) Peer review. We use double-blind system for peer-review, both reviews and authors' identities remain anonymous. The paper will be peer-reviewed by three experts, one is an editorial staff and the other two are external reviewers. The review process may take 2-3 weeks.
- c) Notification of the results of review by E-mail to into the authors to revise paper.
- d) After publication, the corresponding author will receive one copy of printed journal and one soft copy of journal, free of charge.

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Submission of an article implies that the work described has not been published previously (except in the form of an abstractor as part of a published lecture or academic thesis), that it is not under consideration for publication elsewhere, that its publication is approved by all authors and tacitly or explicitly by the responsible authorities where the work was carried out, and that, if accepted, it will not be published elsewhere in the same form, in English or in any other languages, without the written content of the Publisher. The Editors reserve the right to edit or otherwise alter all contributions, but authors will receive proofs for approval before publication.

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More Information

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Preface

Issue 1 of volume 1, includes the contributions from the following categories:

Applied Chemistry

Fisheries Science & Wildlife

Material Science

Geology Science

Bio-Medical Science

Seawater Pollution

Renewable Energy

Groundwater Pollution

The eight papers in this JMSET Journal (Volume 1, Issue No. 1) present an in-depth discussion on latest fields of Marine & Sciences.

In first paper is to develop inexpensive, highly available and effective novel polyinorganic coagulants used to removal of arsenic, fluoride and lead from wastewater. The second paper is a study of pond culture of *Penaeusmonodon* (Decapoda, Penaeidae) on the Red sea area of Sudan. Third paper is a study of influence the arrangement of hybridization on parameters of crashworthiness. The fourth paper analyzed a hydrochemical characteristics and water quality assessment of groundwater in Khor Adeit area, northeastern Sudan. The goal of fifth paper is to determination of the concentrations of heavy metals in seawater intake of desalination plant. Sixth paper focuses on evaluate antimicrobial agents to treatment of urine tract infection caused by *E.coli* and ESBL-producing *E.coli*. Seventh paper investigated the generation of electrical power using thermal energy of sea water off the Libyan coast. The last research work in Arabic, it conducted to study the petroleum hydrocarbon pollution of groundwater in wells nearby fuel stations due to leakages from their tanks in Fezzan region, southern of Libya.

Dr. Aly Y. Okasha

Managing-Editor, JMSET

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