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# Journal of Marine Sciences & Environmental Technologies

# JMSET



ISSN (Print): 2413-5267  
ISSN (Online): 2706-9966

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## Volume 7, issue 2 (December-2021)

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**Journal of Marine Sciences and Environmental Technologies (JMSET)**  
is a biannually scientific referred periodical international journal.

**Published by;**

*Faculty of Marine Resources  
Alasmarya Islamic University  
Zliten City-Libya*

**Legal Deposit Number: 402/2019, National Book House, Benghazi, Libya.**

**ISSN (Print): 2413-5267**

**ISSN (Online): 2706-9966**

**Arab Impact Factor (AIF) 2021 (1.955)**

**Arab Impact Factor (AIF) 2020 (2.01)**

**Arab Impact Factor (AIF) 2019 (1.7)**

**Arab Impact Factor (AIF) 2018 (1.6)**

**Arab Impact Factor (AIF) 2017 (1.6)**



<http://arabimpactfactor.com>

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## Foreword

Journal of Marine Sciences and Environmental Technologies (JMSET) is a scientific refereed periodical international journal (ISSN-Print: 2413-5267; and ISSN-Online: 2706-9966). It is issued by the Faculty of Marine Resources at Alasmarya Islamic University, in accordance with 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 a wider area of marine science and environmental topics. JMSET is a multidisciplinary journal covering a wide area of subjects of marine science and environmental technologies to promotes insight and understanding of the state of the art, and trends in the environment, engineering, and marine sciences.

This volume 7 and issue 2 (December, 2021) contains thirteen 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 technologists who are involved in research, teaching, and practical fields. The issue covers a broad range of topics in the field of marine science, and techniques of environmental impacts. During the past six years with the efforts of all members of the Editorial and Evaluation Board, we are pleased to announce that the Journal received the Arab Impact Factor for the year 2021 (1.955). Consequently, the impact factor of the journal has increased over the past years. In this regard, we can only congratulate ourselves and you on this achievement, and we promise you that efforts will be made to enter the International Scientific Impact Factor (ISI).

We want to express our heartfelt thanks to the 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 topic 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 works.

*Prof. Dr. Mustafa E. Alsharif*

Editor-in-Chief, JMSET

# Call for Manuscripts

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

## Marine Science;

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 in the field of environmental technologies (management, assessment, monitoring, and treatment) of atmospheric environment, the 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 the Managing Editor's e-mail.

## **Publication Process**

- Upon receipt of paper submission, the Editor sends an E-mail of confirmation to the corresponding author within 1-3 working days. If you fail to receive this confirmation, your submission/e-mail may be missed. Please contact the Editor in time for that.
- Peer review. We use a 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.
- Notification of the results of the review by E-mail to the authors to revise the paper.
- After publication, the corresponding author will receive one copy of the printed journal and one soft copy of the journal, free of charge.
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## **More Information**

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## Preface

Issue 2 of volume 7, includes the contributions from the following categories: (Oil pollution, Bioremediation, Health and safety in the industrial environment, GIS and remote sensing, Geology, Corrosion Protection, Metallurgy, Materials science, Fishes Nutrition, Monitoring of water quality, Ecology, Seaport management, and Corrosion engineering).

The thirteen manuscripts in this JMSET Journal (Volume 7, Issue No. 2) present an in-depth discussion on the latest field of Marine and Applied Science.

The first research paper presented a review of the Potential Effects of Oil Spills on Coastal and Marine Resources on Western Libyan Coastal. The second research paper was concerned with Reeds and Reedmace Bioreactor Technique in Wastewater Heavy Metals Treatment, Rhizofiltration. The third research paper showed the Health Effects of Environmental Pollutants on Workers in the Libyan Plastic Factories, Based on Molecular Levels Characteristics. While the fourth research paper including Determine of Nitrogen Dioxide Emissions over Khuoms City in Libya Using MODIS and TROPOMI Satellites. The fifth research paper includes Palynofacies Analysis of Selected Organic-rich Shales from Libyan Sahara: Implication to Palaeoenvironment and Hydrocarbon Source Rock Potential. The sixth research paper focused on LB Films of Octadecanoyl Hydroxamic Acid as Barrier Against Copper Corrosion. The seventh paper is concerned with TEM Image Analysis of Fracture Surfaces of P91 Steel and Comparison with Mechanical Properties. The eighth paper discussed Compressive Strength Improvement of Lightweight Concrete by Incorporation Waste Materials: An Experimental Investigation. The ninth research paper concerns The Diet Composition and Seasonal Variation in Preys Items of Two Species of Mackerel *Trachurus trachurus* (Linneaus, 1758) & *Trachurus mediterraneus* (Steindachner, 1868) in The South of Mediterranean Sea (Western Coast of Libya). The tenth research paper introduced Irrigation Water Quality (Ground Water) in Some Farms of The Hamza Agricultural Project. The eleventh research paper includes a Study of the Effect of Untreated Sewage Discharge on the Characteristics of Seashore Water and Sediment in Zliten City, Western Libya. The twelfth research paper showed the Importance and Role of the Application of Enterprise Resource Planning Systems (ERP) in Order to Develop Seaports, Tripoli Sea Port. The final thirteenth research paper study Improving Corrosion Protection Property of Low Chromium Steels in Wet Environments.

*JMSET Editorial Board*

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