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# JMSET



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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 6 and issue 2 (December 2020) contains nine 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 2020 (2.01). 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 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 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 6, includes the contributions from the following categories: (Ichthyology, Wastewater treatment, Separation process, Petroleum assessment, Fish resources, Lakes environment, Toxicology, Water pollution, and Ports and maritime transport).

The nine manuscripts in this JMSET Journal (Volume 6, Issue No. 2) present an in-depth discussion on latest field of Applied Science.

The first research paper presented a study on Bio-mineralization in Skeletons of Some Elasmobranches from Susah and Dernah Coasts, Libya (Estimation Study Using Nano-Technique). The second research paper was concerned with the Estimation of Adsorption Isotherm for Iron Ion on Three Different Active Carbon. The third research paper showed an Equilibrium, Kinetic, and Thermodynamic Study of the Adsorption of Cu(II) From an Aqueous Solution Using Activated Carbon Derived from Acacia. While the fourth research paper including the Evaluation and Characterization Parameters of Crude Oils and Petroleum Fractions. The fifth research paper focused on Recent Trends in The Libyan Fish Resources Compared to The Countries of the Maghreb. The sixth paper is concerned with the Study of Some Environmental Variables and Their Relationship to Productivity in Lake Qabroun, Southwestern Libya. The seventh research paper studied Bioaccumulate of Lead and Cadmium in Wildlife, in Wadi Elshaty, Libya. The eighth manuscript presented the Effect of Seawater on Groundwater Properties at Kaam Area, North-western Libya. The ninth and final paper discussed The Impact of Free Zones on Sea Ports: A Case Study of the Misurata Port and its Economical Hinterland.

*JMSET Editorial Board*

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