**Journal of Marine Science**

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Dear Editor(s):

I would like to submit the manuscript entitled “**Investigating the Potential Capacity of Offshore Wind Farms in Great Lakes”** bySoudeh Afsharian, Bahareh Afsharian, and Maryam Shiea to be considered for publication as a research paper in Journal of Marine Science.

We believe these finding will be of interest to the readers of your journal as the population growth and pollution have caused many world problems such as climate change, severe soil erosion, negative socio-political effects, economic crises, and the increasing demand for energy. Due to exponential growth of wind energy in recent times, the wind farms are very important in aspect of attracting wander invests and reducing costs and securing the projects. In this study, the potential capacity for installing offshore wind farms in Great Lakes is discussed based on the wind pattern and speed. Also, it includes the barriers, issues, wind vision, advantages and disadvantages, the most appropriate locations for erecting the offshore wind farms in Great Lakes, updated offshore wind farms, and statistics for decision-makers, interested communities and investors.

We declare that this manuscript is original research article, has not been published before and is not currently being considered for publications elsewhere. We know of no conflict of interest associated with this publication, and there has been no significant financial support for this work that could have influenced its outcome. As Corresponding Author, I confirm that the manuscript has been read and approved for submission by all the named authors.

Contributions:

**Soudeh Afsharian:** Conceptualization, Methodology, Software.

**Soudeh Afsharian, Bahareh Afsharian**: Data curation, Writing- Original draft preparation, Writing- Reviewing and Editing.

**Maryam Shiea**: European section Data, Writing- Reviewing and Editing.

Thank you very much for your consideration.

Yours Sincerely,

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