

## Retraction

**RETRACTED: Musharavati, F. A Study on Life Cycle Impact Assessment of Seawater Desalination Systems: Seawater Reverse Osmosis Integrated with Bipolar-Membrane-Enhanced Electro-Dialysis Process. *Sustainability* 2023, 15, 16673**Farayi Musharavati 

Department of Mechanical and Industrial Engineering, Qatar University, Doha P.O. Box 2713, Qatar;  
farayi@qu.edu.qa

The *Sustainability* Editorial Office retracts the article, “A Study on Life Cycle Impact Assessment of Seawater Desalination Systems: Seawater Reverse Osmosis Integrated with Bipolar-Membrane-Enhanced Electro-Dialysis Process” [1], cited above.

Following publication, concerns were brought to the attention of the publisher regarding an overlap between this article [1] and an earlier article [2] originating from a different authorship group.

Adhering to our complaint’s procedure, an investigation was conducted by the Editorial Office that confirmed a significant overlap of text, figures (Figures 3–8) and tables (Tables 1–4) between this article [1] and the earlier publication [2] without appropriate acknowledgement or citation. As a result, the Editorial Office and Editorial Board have decided to retract this article [1] as per MDPI’s retraction policy ([https://www.mdpi.com/ethics#\\_bookmark30](https://www.mdpi.com/ethics#_bookmark30)) and in line with the Committee on Publication Ethics’ retraction guidelines (<https://publicationethics.org/retraction-guidelines>).

This retraction was approved by the Editor-in-Chief of the journal *Sustainability*.  
The author agreed to this retraction.



**Citation:** Musharavati, F.  
RETRACTED: Musharavati, F.  
A Study on Life Cycle Impact  
Assessment of Seawater Desalination  
Systems: Seawater Reverse Osmosis  
Integrated with Bipolar-Membrane-  
Enhanced Electro-Dialysis Process.  
*Sustainability* 2023, 15, 16673.  
*Sustainability* 2024, 16, 3097.  
<https://doi.org/10.3390/su16083097>

Received: 20 March 2024

Accepted: 22 March 2024

Published: 9 April 2024



**Copyright:** © 2024 by the author.  
Licensee MDPI, Basel, Switzerland.  
This article is an open access article  
distributed under the terms and  
conditions of the Creative Commons  
Attribution (CC BY) license (<https://creativecommons.org/licenses/by/4.0/>).

**References**

1. Musharavati, F. RETRACTED: A Study on Life Cycle Impact Assessment of Seawater Desalination Systems: Seawater Reverse Osmosis Integrated with Bipolar-Membrane-Enhanced Electro-Dialysis Process. *Sustainability* **2023**, *15*, 16673. [[CrossRef](#)]
2. Herrero-Gonzalez, M.; Admon, N.; Dominguez-Ramos, A.; Ibañez, R.; Wolfson, A.; Irabien, A. Environmental sustainability assessment of seawater reverse osmosis brine valorization by means of electrodialysis with bipolar membranes. *Environ. Sci. Pollut. Res. Int.* **2020**, *27*, 1256–1266. [[CrossRef](#)] [[PubMed](#)]

**Disclaimer/Publisher’s Note:** The statements, opinions and data contained in all publications are solely those of the individual author(s) and contributor(s) and not of MDPI and/or the editor(s). MDPI and/or the editor(s) disclaim responsibility for any injury to people or property resulting from any ideas, methods, instructions or products referred to in the content.