

# Review of: "On-Line Monitoring of Minor Oil Spills in Seawater Using Sediment Microbial Fuel Cells: A Preliminary Study"

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Potential competing interests: No potential competing interests to declare.

The authors have done a thorough study on monitoring oil spills in seawater using sMFC; however, there are a few areas which require major improvement:

1. The abstract should showcase the key findings while projecting the key results of the study.
2. A schematic representation or photograph of the fuel cell setup may be included to improve readability.
3. Proofreading for the use of the English language can be done.
4. Discussions with proper reference and comparison seem to be missing. The same article (Daiet *al.*, 2021) has been repetitively cited.
5. Characterization and studies seem to be limited. For instance, Dissolved Oxygen concentration, Columbic Efficiency, internal resistance, oxygen permeability are some of the key parameters studied in any MFCs.
6. References and comparisons with existing research seem to be limited. Although a few references were given under the reference section, the author has compared the entire research with a single study. Other reference citations given in the reference section are missing inside the manuscript.
7. A clear investigation and discussion on the measuring parameters and outcomes of the research seems to be missing.