

# Review of: "Design and Fabrication of a Low-Cost Multi-Purpose Underwater Remotely Operated Vehicle"

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Potential competing interests: No potential competing interests to declare.

The current work deals with creation and control of an underwater robot that can do multiple useful tasks. The theme sounds interesting, however, the following must necessarily be addressed before moving on.

1. Fig. 1 has not been described in detail. Please do so, including all the aspects, and improve the quality (seems blurred because of colour choice).
2. A physical implementation of the work in correlation to others is necessary, and is not found in your work. For instance, how do you compare your technique with <https://doi.org/10.3390/s22093413>?
3. A list of acronyms should be included in the manuscript.
4. In figs. 2 and 3, the author shows a comparison of Mass vs. Density of the Vehicle and Pressure Housing Weight. Where do you refer to them in your manuscript? Explain (and check it for other figures as well).
5. Without performing experimentation, it would be interesting to see your comments in the manuscript in correlation of your work with recent ones. How do you foresee the results when your technique is implemented in these situations?
6. There are some occasions where the technical description is not clear. Please check the language of the paper.