

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Fisheries and Aquatic Research</b>
Manuscript Number:	<b>Ms_AJFAR_104600</b>
Title of the Manuscript:	<b>Economic Mapping of Small Fisherman In Dadap Village, Juntinyuat District, Indramayu Regency</b>
Type of the Article	<b>Original Research Article</b>

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**PART 1: Review Comments**

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p><b>Yes the findings are important.</b></p> <p><b>Please change the title to “Economic Mapping of Small-Scale Fishers In Dadap Village, Juntinyuat District, Indramayu Regency, Indonesia”</b></p> <p><b>I feel like the abstract could be made much stronger.</b></p> <ul style="list-style-type: none"> <li>• <b>Small-scale fishers (SSF) are essential to providing employment and food security worldwide. This is especially true in coastal countries like Indonesia. However, despite being so important, often the economic and social characteristics of SSF are not well documented. Thus, this research focused on the small-scale fishers of Dadap Village, which is located in the Juntinyuat District, Indramayu Regency, Indonesia. Specifically, through qualitative research methods and economic mapping, this study investigated various aspects of the fisher's characteristics, economic activities, and factors affecting their development. The research found that fishers were between 20-54 years with a relatively low level of education, and many relied on customers for social support due to high fishing supplies costs. The economic mapping of Dadap Village revealed that fishing activities dominated the local economy, with small scale fishers using various fishing gear and vessels, ranging from 2-4 GT to 5-10 GT. The catches varied depending on the fishing gear used, and the income also differed based on the selling price of the catch and the duration of fishing trips. Several supporting factors for the development of small fishermen were identified, including the high production of catches and the presence of fish auction facilities. On the other hand, inhibiting factors included selling catches outside the auction place, low education levels, lack of technology usage, and consumptive behavior of fishermen. In conclusion, the study sheds light on the characteristics and economic activities of small-scale fishermen in Dadap Village. The findings highlight the need for support in terms of technology adoption and educational improvements to enhance the development of the fishing community. Additionally, better market access and reduced reliance on middlemen could positively impact the economic growth of small fishermen in the area.</b></li> </ul> <p><b>Yes subsections are appropriate</b></p> <p><b>Scientifically, the manuscript seems sound however I recommend adding a sample of the questionnaire used as supplemental material</b></p> <p><b>References are ok, but I would recommend more references about the importance of SFF: <a href="https://www.fao.org/3/cb2879en/CB2879EN.pdf">https://www.fao.org/3/cb2879en/CB2879EN.pdf</a></b></p> <p><b>Other comments:</b></p> <ul style="list-style-type: none"> <li>• <b>The introduction needs a little bit more reworking. It should include the definition of small-scale fishers, the importance of SSF, and then provide info about SSF in Indonesia.</b> <ul style="list-style-type: none"> <li>○ <b>Example: Small-scale fishers play a vital role in coastal communities around the world, including Indonesia.</b></li> <li>○ <b>In Indonesia, the economic activities of coastal communities revolve around</b></li> </ul> </li> </ul>	

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	<p>capture fisheries due to their strategic geographical positioning. Among the key actors in this domain are small-scale fishers, defined as individuals who rely on fishing to fulfill their daily needs, whether operating fishing boats or engaging in traditional fishing practices. The Fisheries Law of Indonesia recognizes the vital role of these small-scale fishers in sustaining local livelihoods and preserving marine resources.</p> <ul style="list-style-type: none"> <li>○ Indramayu, a regency in West Java Province with an extensive coastline spanning 147 km<sup>2</sup>, serves as an illustrative example of the importance of small-scale fishers. This region significantly contributes to the nation's capture fisheries, accounting for an impressive 40% of the total catch. To support the livelihoods of these fishers, Indramayu has established four fish auction sites (TPI) strategically located across the region, including Dadap Village in Juntinyuat District, TPI Eretan Kulon, TPI Eretan Wetan in Kalianhaur District, and TPI Karangsong in Indramayu District.</li> <li>○ Economic mapping proves indispensable in shedding light on the critical role of small-scale fishers within regions like Dadap Village. With a population of 6,558, the majority of Dadap's inhabitants rely on fishing as their primary occupation. Around 4,964 people work directly as small-scale fishers, and an additional 535 function as boat owner fishers, making fishing a significant economic activity in the village.</li> <li>○ However, there are challenges in accurately recording the production of capture fisheries by small-scale fishers. Sales transactions often occur outside the official fish auction sites, leading to unrecorded production figures in the Village Unit Cooperatives (KUD). This discrepancy not only affects fishery resource allocation and boat productivity but also results in an uneven distribution of small-scale fishers across different districts and business groups.</li> <li>○ By leveraging economic mapping techniques, policymakers and stakeholders gain valuable insights into the complex dynamics of small-scale fishing communities. Understanding the economic contributions of these fishers can lead to more targeted policies, resource allocations, and development initiatives, ultimately empowering small-scale fishers and fostering sustainable growth in coastal regions like Dadap Village.</li> </ul> <ul style="list-style-type: none"> <li>• All acronyms should be defined (GT)</li> <li>• Instead of small fishermen, please use the phrase "small-scale fishers"</li> <li>• In Table 4, all species names should be <i>italicized</i></li> <li>• What is "Arrest Tool" please check translation of this</li> <li>• Could a conceptual figure be developed to show the economic connections and influences to the fishers?</li> </ul>	
<p><b>Minor</b> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Overall, there are some issues with the English. However, I do think it can be improved and be suitable for publication. Please address comments listed above. I understand English may not be these authors first language so I am happy to provide more proofreading during second round of revision.</p>	
<p><b>Optional/General</b> comments</p>		

**PART 2:**

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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**Reviewer Details:**

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