

Review Form 3

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| Journal Name: | Journal of Engineering Research and Reports |
| Manuscript Number: | Ms_JERR_120282 |
| Title of the Manuscript: | Forecasting Oil Production and Consumption Using the Time-delayed Fractional Discrete Grey Model with Multiple Fractional Order |
| Type of the Article | Original Research Article |

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PART 1: Review Comments

| Compulsory REVISION comments | Reviewer's comment | Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|---|---|---|
| Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part. | Crude oil has an important and growing role in the world economy, and about two-thirds of the energy demand in the world is obtained from crude oil. Forecasting the amount of oil production and consumption is due to its impact on many economic and non-economic factors. It is an important issue. Therefore, obtaining and predicting the amount of crude oil production and consumption is considered as a necessity for policymaking and domestic gross growth. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | Yes.it is appropriate | |
| Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here. | The abstract should quantify the results, and specify the scope and findings in details | |
| Are subsections and structure of the manuscript appropriate? | Yes but the literature review must be add after introduction | |
| Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part. | According to the search among publications and articles, I did not see a similar article. On the other hand, the output of graphs and tables look unique. It is true that the subject of oil forecasting has been worked on a lot, but the research method is innovative. | |
| Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. | No, The references should be updated to 2023 - 2024 | |
| Minor REVISION comments Is language/English quality of the article suitable for scholarly communications? | The language of the paper should be improved to be suitable for an international audience. More specifically, the authors are recommended to consult an English native-speaker to enhance the manuscript. | |
| Optional/General comments | What is the main contributions of this research? The main advantages and contributions of this research need explained. To better demonstrate that the contributions of the paper are contemporary and relevant to the journal, some related papers published in this journal should be cited. The discussion and conclusion section should be stronger. Suggestions for future studies should be added at the end of the article. | |

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PART 2:

| | Reviewer's comment | Author's comment <i>(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)</i> |
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| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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| Name: | Milad Rezaeefard |
| Department, University & Country | Islamic Azad University, Iran |