

## COVER LETTER

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Dear, Mr. Prof. Dr. Andi Adriansyah Editor in Chief of Sinergi Journal

We wish to submit an original research article entitled "**OPTIMIZATION OF AGGREGATE PLANNING OF RICE HUSK CHARCOAL PRODUCTION WITH FUZZY GOAL PROGRAMMING APPROACH**" for consideration by SINERGI.

We confirm that this work is original and has not been published elsewhere, nor is it currently under consideration for publication elsewhere.

In this paper, I/we report on / show that:

Topic	:	Optimization Aggregate Planning /Optimization Industrial system
Brief Background	:	This study proposes a Fuzzy Goal Programming approach to optimize the problem of aggregate planning of production processes in companies that produce charcoal husks. The application proposed to the company describes the process of Rice Husk Charcoal Production taking into account the uncertain factors involved in the aggregate planning process of Rice Husk charcoal production. Decision making related to the level of material needs in each type of rice husk charcoal products is considered based on planning for the next 12 months by including weighting value in membership function, determination of membership function of each function objectives with equivalent Crip of fuzzy goal programming. Fuzzification is based on three main objectives with 3 levels of membership for each purpose of Goal Programming, this research provides the results of the proposed adaptive model applied to companies that produce charcoal husks with.
Research Problem	:	Production Planning is not optimal
Overview of Method	:	Fuzzy goal programming method is effective in production planning in uncertain conditions
Significant finding	:	Aggregate Planning of Rice Husk charcoal production begins with reviewing literature related to friends Aggregate planning optimization research with Multi-Objective Fuzzy Goal Programming approach with reduced purpose function

	based, the results of data processing obtained results that can be effective to be applied in the company based on the model and the proposed approach. on 3 main objectives
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We have no conflicts of interest to disclose.

Thank you for your consideration of this manuscript.

Sincerely,



(Erni Krisnaningsih)

## AUTHORSHIP STATEMENT

We wish to submit an original research article entitled “**OPTIMIZATION OF AGGREGATE PLANNING OF RICE HUSK CHARCOAL PRODUCTION WITH FUZZY GOAL PROGRAMMING APPROACH**” for consideration by SINERGI.

All persons who meet authorship criteria are listed as authors, and all authors certify that they have participated sufficiently in work to take public responsibility for the content, including participation in the concept, design, analysis, writing, or revision of the manuscript.

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## POTENTIAL REVIEWERS

Please submit 3 (three) potential reviewers (*that have not listed in SINERGI*) to speed up the review process that competent for the topic and has a good reputation in that area.

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