

The article needs the following revisions as follows:

- a. The title of the article should be checked and reflect the contribution of the research
- b. All titles should be checked and fixed where necessary since some of them do not reflect what will be presented.
- c. The title has this abbreviation, “Based on PP-LiteSeg”. Generally, abbreviations are not used in the title of the article. It should be given fully.
- d. This sentence is extracted from the article: “The main work of this paper can be summarized as follows:” The contribution of the article should be better stated.
- e. “Adverse weather conditions” are a very generic term. Instead of using this, specific weather conditions should be underlined.
- f. A section should be allocated to the proposed method.
- g. All terms in all equations should be explained just below each equation since what these equations say is incomprehensible.
- h. Why did the authors select the dropout rate of 0.5_ how did they decide? Is there a piece of evidence from the data or empirically picked?
- i. What are the percentages allocated to training and test data sets? Please provide.
- j. Why did the authors pick 5 other models to compare with the proposed model? Are they all in the literature? Please have more discussion.
- k. The speed of the proposed method is not good. How did the author explain this deficiency? Please provide more information.
- l. Since the speed of the proposed method is relatively worse than others except for PP-Litesg. Could the proposed method be applied to real-life implementations? Please discuss it.
- m. What are the disadvantages of the proposed method? Please discuss it.

A major revision is needed.