

CERTIFICATION for the PEER REVIEW PROCESS &  
EVALUATION of the PEER REVIEW PROCESS &  
CERTIFICATION for NON EXISTENCE of ARTIFICIAL CITATIONS  
and ANTI-PLAGIARISM CONTROL

Name: IOANNIS GIACHOS

Institution: University of West Attica

City: Athens

Country: Greece

Phone: 0030 2105381810

Academic Email: giachosg@uniwa.gr

I declare, I confirm, I certify and I sign that I received substantial, important, line by line peer review with several and substantial comments, important remarks and hints from, at least, 3 Reviewers and the Assistant Editor for my paper:

Developing an Unmanned Ground Vehicle for Defense Applications:  
Construction and Control

with Authors:

TSATSARIS A., GIACHOS I., PAPAKITSOS C., PAPAKITSOS E.,  
LASKARIS N., MOUZAKIS D.

I would like to thank all the reviewers for their thoughtful comments and efforts towards improving our manuscript. We revised the manuscript with special attention to the comments that we received from **Three (3)** reviewers that were experts, specialists in the area of my paper. I declare, confirm, certify and sign that WSEAS has checked my paper for possible plagiarism by Turnitin and my paper was found without plagiarism or self-plagiarism by Turnitin. I also declare, confirm, certify and sign that also that no Associate-Editor, no Editor-in-Chief, no member of the WSEAS Secretariat forced me in this Journal to add references (citations) to any previous publications of the journal.

I also declare, confirm, certify and sign that I have made all the changes, modifications, additions, studies, corrections asked by the reviewers and I have fully complied with their instructions. I also understand that before the publication the 3 (or more than 3) reviewers will check my paper to see if all the changes, modifications, additions, studies, corrections etc have been done and I authorize the WSEAS to publish my paper or to reject my paper even in the 2nd round of peer review or to continue with an additional round of peer review.

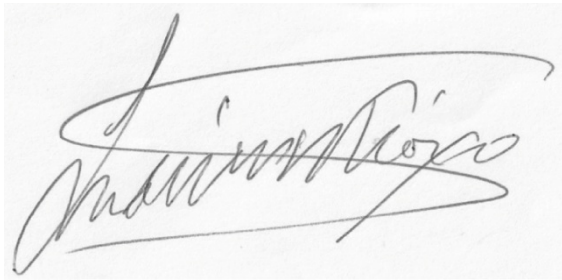
**I also declare, I confirm, I certify and I sign that I will not publish this paper or an important part of the paper in any other Journal (inside or outside WSEAS) Conference Proceedings (inside or outside WSEAS), Book (inside or outside WSEAS), University Repository etc) without the written permission of the WSEAS.**

**I also declare, I confirm, I certify and I sign that this paper or an important part of the paper has not been published in other Journal (inside or outside WSEAS) Conference Proceedings (inside or outside WSEAS), Book (inside or outside WSEAS), University Repository etc.), with the exception of the results that are part of a dissertation, were the intellectual properties belong to the creators. In case of violation of the above terms, WSEAS can reject any unpublished paper or even retract any published paper.**

Please, write additional comments below (take ideas from: <https://www.wseas.com/testimonials.php> )

The major revised parts of the manuscript have been highlighted in yellow, in order to facilitate their checking. The responses to the reviewers follow in the next pages.

Signature (insert an image file with scanned signature or print out the whole page, sign and scan)

A handwritten signature in black ink, appearing to read 'Luis M. Rojas', is displayed on a white background. The signature is fluid and cursive, with a large initial 'L' and a long horizontal stroke extending to the right.

Date: 6-7-2025

## Responses to Reviewers (required)

For every revised version, the authors will reply using the following tables

They will upload them via the web or will send them by email.

Authors will have to make all the changes, modifications, additions, studies, corrections asked by the reviewers using the following forms. Authors have to be fully complied with the reviewers' instructions. Before the publication, the three (or more than three) reviewers will check, if the changes, modifications, additions, studies, corrections etc have been carried out. In this case, the paper will be published or will be rejected or a new round of peer review will start.

### Reviewer # 1

| Reviewer's #1 comment                                                                                                                                                                                                                                                                                                                                 | Authors response                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Action Taken                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| I believe that the manuscript contains some (minor) linguistic issues, including grammar, and syntax errors, all of which need to be addressed                                                                                                                                                                                                        | A thorough inspection was conducted accordingly, and all necessary corrections were made.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | done                                                                                |
| Additionally, the originality of the paper is uncertain. Give an overview for the Unmanned Ground Vehicle technologies in the last 5 years. A significant portion of the content appears to be largely derived from existing publications, and the authors have not sufficiently justified its contribution to the field or demonstrated its novelty. | The objective of the present study is not to introduce an innovation in terms of the structural design or development of an Unmanned Ground Vehicle (UGV). While the development and configuration of such a vehicle are indeed discussed, this is done in the context of enabling its effective deployment in various applications or mission scenarios. The primary focus of this work is to present a novel type of mission and to demonstrate how the referenced UGV can be tailored to support it. This includes both the constructional requirements and the onboard equipment. A representative example of such a mission—used here as a case study—is the inspection of airport runways, which is analyzed in detail within this paper. | The title of the paper has been changed to better reflect the intended application. |
| The revised version must strictly comply with the WSEAS formatting guidelines without any deviations.                                                                                                                                                                                                                                                 | A thorough inspection was conducted accordingly, and all necessary corrections were made.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | done                                                                                |

**Reviewer #2**

| Reviewer's #2 comment                                                                       | Authors response                                                                                                                                                                                                                                                        | Action Taken                                                                        |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Explain the UGV in Fig 1 What is important there and why it is original                     | The UGV shown in Fig. 1 does not exhibit any originality in its design. The originality lies in its method of use, as presented in this work. The vehicle, as shown, is a design proposal intended to support the aspects of this concept.                              | The title of the paper has been changed to better reflect the intended application. |
| Extend the paragraph 4.1.2 Mode of movement, because it is too short                        | A small expansion of the paragraph was made in aim to present information about both methods and to highlight the advantages of each of them.                                                                                                                           | Additional information added                                                        |
| The material in 4.2.3 Temperature and Humidity Sensor is very inadequate. Please, extend it | In order to provide a more comprehensive overview of the specific sensor, and given the 10-page limit for the entire article, a reference has been added in this section directing the reader to a source where the relevant materials are presented in greater detail. | reference number [21] was added                                                     |

**Reviewer #3**

| Reviewer's #3 comment | Authors response | Action Taken |
|-----------------------|------------------|--------------|
|-----------------------|------------------|--------------|

| Reviewer's #3 comment                                                                                                                                                                                                                                                                                                                                                                                                     | Authors response                                                                                                                                                                                                                                                                | Action Taken                                                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Very good article about the Unmanned Ground Vehicle for Defense Applications. The paper seems to present experimental or product data — possibly an evaluation or performance benchmarking of a device/system. If intended for a technical journal, ensure novelty is emphasized. What makes these findings new or important? I would like to review the revised version again after the necessary improvements are made. | The aim of this study is to present a new type of mission, such as airport runway inspection, and how, within the framework of this mission, a UGV developed and equipped with specific sensors described, can be adapted to support it. This is the innovation presented here. | The title of the paper has been changed to better reflect the intended application. |
| While this paper is not of particularly high quality, I believe it has the potential to be improved. In my assessment, its originality is limited, and it only barely meets the journal's publication standards.                                                                                                                                                                                                          | The originality of this study, as has been repeatedly mentioned, is based on the mission that we want the vehicle to implement. In this context, the authors' opinion is that it meets the requirements set by the journal in order to be positively evaluated.                 | The title of the paper has been changed to better reflect the intended application. |
| The author must ensure that any sections or paragraphs previously published in other journals or conference proceedings are removed. The paper may be accepted following a major revision.                                                                                                                                                                                                                                | Relevant review has been done                                                                                                                                                                                                                                                   | done                                                                                |