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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:

Enquiring the Construction and Control of Unmanned Aerial Vehicles for Environmental-Friendly Applications

with Authors:

MILIARAKIS D., GIACHOS I., DROSOS C., PAPAKITSOS E.
PAPOUTSIDAKIS M., LASKARIS N.

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.

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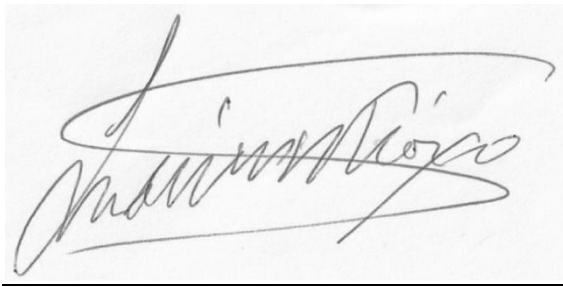
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The major revised parts of the manuscript have been highlighted in yellow, in order to facilitate their checking. The responses to the reviewers follow in the next pages. AI-writing detection tools have been used and any detection has been either minimized or eliminated.

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 'J. M. R. R.', is shown above a horizontal line.

Date: 8-6-2025

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
Normally, this paper must be rejected. It does not have mathematical analysis. It does not contain Automatic Control Theory. Accept it only very very marginally and only if you want to support the greek academic community of the University of the West Attica. The article addresses a relevant and important topic—the construction and control of environmentally friendly UAVs. It is not very well-structured, with clearly defined sections and a logical flow from design to materials and lifecycle assessment.	This paper is a survey on the main systems that UAVs use and their potential implications to the environment. It is not about a specific methodology of control, where mathematical analysis is applicable. Maybe indeed the choice of journal should have been different. The article was structured according to the major topics of design, starting with the materials. Yet, indeed lifecycle assessment should be last.	None. The paper has been restructured to have lifecycle assessment last.
The literature references are relevant, and the discussion includes a variety of sustainable strategies in UAV development. Additionally, the article has some issues with grammar, phrasing, redundancy, and technical clarity, which need attention before submission to a reputable academic journal.		The article was checked through Google Mail; corrections were made.

Reviewer #2

Reviewer's #2 comment	Authors response	Action Taken
This is not an important contribution and maybe it is a very applied study. It might be rejected. It does not have mathematical analysis which is very important in Systems Theory and control.	This paper is a survey on the main systems that UAVs use and their potential implications to the environment. It is not about a specific methodology of control, where mathematical analysis is applicable. Maybe indeed the choice of journal should have been different.	None.
However, this paper explores energy-efficient and sustainable control methods for high-altitude, long-endurance unmanned aerial vehicles (UAVs). It evaluates environmental impacts and sustainability through material selection, noise reduction, and life cycle assessments. The integration of autonomous navigation, sensor systems, real-time data processing, and AI/ML techniques is also examined. The study underscores the importance of sustainable design practices to minimize ecological footprints in UAV operations. Phrases like “efficient control technology is commented” are awkward. Repetition: “environmentally friendly UAV operations” appears twice. The abstract should avoid vague expressions like “commented” and use formal academic tone. The language appears some minor problems. Frequent passive voice; active voice would strengthen clarity in many places		The article was checked through Google Mail; corrections were made. Word and repeated phrases were changed.
There are also some problems in the format: Consistent use of author-date citation style may be preferable to just numerals [1], [2], unless journal guidelines require it.	The citations strictly use the journal’s guidelines.	None.

Reviewer #3

Reviewer's #3 comment	Authors response	Action Taken
This paper can be accepted only after major revision. The authors must tell us why this paper is an important contribution in the Applied Control Systems Theory.	The paper doesn't refer to Applied Control Systems Theory. It is a survey on the main systems that UAVs use and their potential implications to the environment. Maybe indeed the choice of journal should have been different.	None.
I found also that some references are quite dated (e.g., 2010) and could be balanced with newer sources.	These references mark the historical evolution of the topic; they cannot be substituted, because they give the academic credit where it should.	More recent references have been added.
The phrasing "life cycle cost... which incorporates environmental considerations" is a bit vague. Consider specifying what aspects are considered (e.g., emissions, resource use). Clarify how each study contributes uniquely to LCA. Mention quantitative outcomes if available from cited studies (e.g., % reduction in emissions or costs). I will suggest some grammatical corrections to the authors: "commented" → "discussed" or "analyzed" "environmental-friendly" → "environmentally friendly" "UAVs that are not only safer but also consume fewer raw materials" – awkward phrasing Inconsistent article usage ("the UAVs", "UAVs")	The aspects are specified in the next sentences.	A pointing phrase has been added. The word has been changed. The passage was rephrased. Corrected.

