



[IoTaIS'2019] Review Results for Your paper #1570584482 (Supportive Information to Find Victims from Aerial Video in Search and Rescue Operation)

1 message

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Thu, Aug 29, 2019 at 9:29 PM

Reply-To: info@iotais.org

To: Shigeru Kashihara <shigeru@is.naist.jp>, Muhammad Arief Wicaksono <wicaksonoma15d@student.unhas.ac.id>, Doudou Fall <doudou-f@is.naist.jp>, Muhammad Niswar <niswar@unhas.ac.id>

Dear Dr. Shigeru Kashihara,

PAPER ID : #1570584482,

PAPER TITLE: Supportive Information to Find Victims from Aerial Video in Search and Rescue Operation

Congratulations! The IoTaIS'2019 Technical Program Committee has completed the review process on your papers and we are pleased to inform you that the manuscript listed above has been ACCEPTED for presentation at the conference.

The Technical Program Committee carefully selected reviewers for IoTaIS'2019 and assigned reviewers papers in their areas of expertise. Each paper was peer-reviewed by at least three reviewers and/or TPC members.

Please consider 5 mandatory steps:

1. Your revised paper of final manuscript must strictly following the standard IEEE conference proceedings templates. Papers must be written on A4-format page according to the IEEE template Manuscripts of minimum four (4) pages and up to seven (7) pages in length.

IEEE template Manuscripts founded at http://www.ieee.org/conferences_events/conferences/publishing/templates.html

Please make the necessary changes based on reviewer's feedback, comments and suggestions which can be found at below or <https://edas.info/showPaper.php?m=1570584482>. You must maintain similarity score of final manuscript less than 30% (we are using iThenticate).

2. Registration and payment

Please be reminded that the due date for Authors Registration is September 30, 2019. At least one author has to register for each paper. Payment and registration details can be found at <http://iotais.org/registration/> and Conference registration at <https://edas.info/r25774>

3. PDF eXpress (IEEE Xplore compatible)

Your revised manuscript must be compatible with IEEE Xplore. Please check with PDF eXpress at <http://www.pdf-express.org/>

The Conference ID is 47347X

Final manuscript PDF must passed PDF format check by IEEE PDF-EXPRESS.

You may using PDF Express to convert your docs file to pdf easily.

4. Final "camera-ready" manuscript

The final "camera-ready" manuscript of your paper should be submitted in the same manner as the review manuscript using EDAS before September 30, 2019. Do not forget to make an author registration before submitting the final manuscript.

5. Electronic Copyright Form (eCF)

Copyright form should be submitted electronically through EDAS.

Additionally, note that papers which are not presented at the conference will be excluded from the official proceedings and will not appear on IEEE Xplore. It is therefore very important that at least one author of this paper attend the conference to present the work.

Information on many aspects of IoTaIS'2019, including the venue, travel to Bali, tourism, and visa requirements, are available on the conference web site <http://iotais.org/>; more information, including the complete technical program, will be available soon.

Should you have any question or inquiry, including Acceptance Letter or Letter for Visa, do not hesitate to contact us at info@iotais.org. We look forward to seeing you at BALI.

Thank you and best regards,

Dr. Muhammad Ary Murti
Chair, IoTaIS'2019

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===== Review 1 =====

> *** The Research Novelty: Rate the novelty and originality of the ideas or results presented in the paper. It has been said many times before. (1)

> *** The Clarity of Research Question: The clarity of research question/problem and relevance of the literature overview
Problem is not reported, and literature is poorly reviewed (1)

> *** Research Methods: Research methods appropriateness and evidence adequacy (the relation between method and problem)
Research method is not clearly identified, but inappropriateness is not evident (3)

> *** Scientific argument and discussion: The strength of argument and discussion in connecting research finding with original research question. - The summary and conclusions (indicating to what degree the problem has been solved)
Conclusions are not supported by decent discussion (2)

> *** Future Impact: Future impact on related subject of the research/society.
Future impact cannot be identified. (1)

> *** Detailed comments: Please justify your recommendation and suggest improvements in technical content or presentation.

In this paper, authors describe a method to detect persons in UAV videos. Training method is used in their experiments. It falls within the scope of the conference. However, here are some major concerns.

First, the contribution is unclear. The problem or the research targets and constraints cannot be clearly identified. This paper looks like an experimental report, rather than a scientific research paper. Authors are recommended to clearly summarize the objective and the corresponding constraints in problem formulation. Because usually, the problem and its solving is represented by mixed integer non-linear programming etc.

Second, the simulation results are simple. Authors should compare their work with existing methods.

Third, the training model is not clearly presented. Is it a transfer learning or deep learning ?

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===== Review 2 =====

> *** The Research Novelty: Rate the novelty and originality of the ideas or results presented in the paper. Some interesting ideas and results on a subject well investigated. (3)

> *** The Clarity of Research Question: The clarity of research question/problem and relevance of the literature overview
Problem can be identified, and related to literature review (4)

> *** Research Methods: Research methods appropriateness and evidence adequacy (the relation between method and problem)
Research method is easily identified and is appropriate to address the problem (5)

> *** Scientific argument and discussion: The strength of argument and discussion in connecting research finding with original research question. - The summary and conclusions (indicating to what degree the problem has been solved)
Good discussion with adequate evidence to support conclusion (4)

> *** Future Impact: Future impact on related subject of the research/society.
Future impact is defined but not very clear; the likely impact is relevant to some research/society (4)

> *** Detailed comments: Please justify your recommendation and suggest improvements in technical content or presentation.

I suggest to clarify even more the results and gain in processing time to identify a target.

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===== Review 3 =====

- > *** The Research Novelty: Rate the novelty and originality of the ideas or results presented in the paper. Some interesting ideas and results on a subject well investigated. (3)
- > *** The Clarity of Research Question: The clarity of research question/problem and relevance of the literature overview
Problem can be identified, and related to literature review (4)
- > *** Research Methods: Research methods appropriateness and evidence adequacy (the relation between method and problem)
Research method is easily identified and is appropriate to address the problem (5)
- > *** Scientific argument and discussion: The strength of argument and discussion in connecting research finding with original research question. - The summary and conclusions (indicating to what degree the problem has been solved)
Good discussion with adequate evidence to support conclusion (4)
- > *** Future Impact: Future impact on related subject of the research/society.
Future impact is clearly defined, and is relevant to varied research/society (5)
- > *** Detailed comments: Please justify your recommendation and suggest improvements in technical content or presentation.

This paper presents a way to extract supportive information, i.e., the number of persons, the time, and thumbnails, from an aerial video and display them on a GUI.
The manuscript is well written and organized and the experimental evaluation is interesting.

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Review 4
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- > *** The Research Novelty: Rate the novelty and originality of the ideas or results presented in the paper. Some interesting ideas and results on a subject well investigated. (3)
- > *** The Clarity of Research Question: The clarity of research question/problem and relevance of the literature overview
Problem can be identified, and related to literature review (4)
- > *** Research Methods: Research methods appropriateness and evidence adequacy (the relation between method and problem)
Research method is not easily identified, but only partially appropriate to address the problem (4)
- > *** Scientific argument and discussion: The strength of argument and discussion in connecting research finding with original research question. - The summary and conclusions (indicating to what degree the problem has been solved)
Standard arguments that only partially support the conclusion (3)
- > *** Future Impact: Future impact on related subject of the research/society.
Future impact is not defined; the likely impact is questionable (2)
- > *** Detailed comments: Please justify your recommendation and suggest improvements in technical content or presentation.

-The paper addresses the problem of finding victims from an unmanned aerial vehicle (UAV) by using an object detection algorithm in order to reduce tasks execution. The authors propose a method based on object detection: first, extract photos from the captured video, and then detect persons by using YOLO algorithm.

-The paper provides a related section but is difficult to understand why the proposed work is better than other existing works.

-Is not unclear why is not possible to perform directly a real-time object detection on video streaming; may be possible with the help of an Edge Computing infrastructure that performs heavy tasks with very low latency.

-Evaluation part needs to be improved, it shows only the execution time of the proposed work. May be useful to compare the proposed work with other existing works in order to understand the novelty of this work.