



Muhammad Niswar <niswar@unhas.ac.id>

[IoTais 2018] Review Results for Paper #1570485198 ('IoT-based Water Quality Monitoring System for Soft-Shell Crab Farming')

1 message

info@iotais.org.edas.info <info@iotais.org.edas.info>

Wed, Sep 5, 2018 at 6:27 AM

Reply-To: info@iotais.org

To: Muhammad Niswar <niswar@unhas.ac.id>, Sonny Woinalang <sonnysonces@gmail.com>, Zahir Zainuddin <zainuddinzahir@gmail.com>, Yushinta Fujaya <yushinta.fmuskar@gmail.com>, Zaenab Muslimin <zaenabmuslimin@yahoo.com>, Ady Wahyudi Paundu <ady.paundu.ak9@is.naist.jp>, Shigeru Kashihara <shigeru@is.aist-nara.ac.jp>, Doudou Fall <doudou-f@is.naist.jp>

Dear Dr. Muhammad Niswar:

PAPER ID : #1570485198,

PAPER TITLE: IoT-based Water Quality Monitoring System for Soft-Shell Crab Farming

Congratulations! The IoTais 2018 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 2018 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 <http://edas.info/showPaper.php?m=1570485198>. You must maintain similarity score of final manuscript less than 30% (we used iThenticate).

2. Registration and payment

Please be reminded that the due date for Authors Registration is September 30, 2018. 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 <http://edas.info/r24697>

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 44877X

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, 2018. Do not forget to make an author registration before submitting the final manuscript.

5. Electronic copyright form

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 2018, 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'2018

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===== **Review 1** =====

> *** The Research Novelty: Rate the novelty and originality of the ideas or results presented in the paper. Minor variations on a well investigated subject. (2)

> *** 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)

> *** Future Impact: Future impact on related subject of the research/society. Future impact is not explicitly defined; the likely impact is limited (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)

> *** 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)

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

- 1) The literature review is short. Please extend it if it is possible
- 2) System model is not clearly explained although you have system design section
- 3) The result section is very limited. No evaluation based on Energy efficiency.
- 4) Please add more citation because there are new methods like drone-based approach to make the system more efficient and portable.
- 5) Although the objective of the paper is understandable, the key contributions of the paper is missing.
- 6) The proposed techneqiue should be compared the exiting techniques in the literature to justify the efficiency.

===== **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)

> *** 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)

> *** 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)

> *** 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)

> *** 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)

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

An IoT-based water quality monitoring system is proposed and evaluated. An experiment in a crab pond is conducted, where water temperature, salinity, and pH level are measured, and displayed, using node-red dashboard. The number of subscribers that can be handled by a single Raspberry pi MQTT broker was evaluated.

The clearly describes the proposed IoT-based water monitoring system. A practically relevant problem is addressed

and the designed system seems reasonable.

Minor comments:

Figure 1 - remove line break for "Recommendation"

Page 2 - add a space after "Table II"

References - The references section should be unified in terms of abbreviating author's names, "Pages vs pp", and so on.

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Review 3
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> *** The Research Novelty: Rate the novelty and originality of the ideas or results presented in the paper.
Minor variations on a well investigated subject. (2)

> *** Research Methods: Research methods appropriateness and evidence adequacy (the relation between method and problem)
Research method does not answer the problem (2)

> *** Future Impact: Future impact on related subject of the research/society.
Future impact is not defined; the likely impact is questionable (2)

> *** The Clarity of Research Question: The clarity of research question/problem and relevance of the literature overview
Problem is incompletely reported, and the relevance to literature review is not clear (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)
Standard arguments that only partially support the conclusion (3)

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

Dear All,

the proposed system would be interesting to work in the proposed question. However, the paper does not present the effectiveness of sensors proposed, or even about whether such sensors have enough resolution to deal with que control of water conditions.

It is reported that system consumes 31% of CPU from rasp. pi. What the energy impact on the batteries? What's the system automony? Such questions are really important to understand if proposed system could be effective.

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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.
It has been said many times before. (1)

> *** Research Methods: Research methods appropriateness and evidence adequacy (the relation between method and problem)
Research method cannot be identified (1)

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

> *** 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)

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

This paper does not provide any meaningful information for related researchers. It has not have any valuable results for even system users.