

Review Form 3

Journal Name:	Advances in Research
Manuscript Number:	Ms_AIR_123837
Title of the Manuscript:	Concrete crack recognition based on image deep learning
Type of the Article	Opinion Article

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The authors of this manuscript have focused on the current ongoing technology i.e. application of Deep Learning in condition monitoring of structures. It brings attraction for the young researchers.	
Is the title of the article suitable? (If not please suggest an alternative title)	No, need to be modified. The title may be Identification of concrete crack using deep learning based approach.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract is little lagging. It needs to be more imperatives. What is YOLO model, use the full name first, then abbreviation.	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	<ol style="list-style-type: none"> 1) What is the mathematical formulation for this technique? 2) What type of CNN is used here? 3) The authors are showing 100 iterations, but in the figure it shows only 30 iterations. 4) How you have chosen the accuracy function? 5) In many places, the words are sticking together, it supposed to be separated. Suggested to check the spell correctly. 6) No explanation for the YOLO and other proposed model. 	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	NO. No citation for the current year. Include more research articles for the last 5 years.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	It needs to be improved.	
Optional/General comments	The manuscript can be accepted subject to the modification of the above comments.	

PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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Reviewer Details:

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