

[BSJ] Article Review Request

Inbox



Asmaa M. Salih Almohaidi <bsj-info@csu.uobaghdad.edu.iq>

Jan 16,
2021, 6:54
AM

to me

Dilshad Ganjo:

I believe that you would serve as an excellent reviewer of the manuscript, "Impact Assessment of Inhalable and Respirable Dust for Four Poultry Farms in Dakahlia Governorate, Egypt," which has been submitted to Baghdad Science Journal. The submission's abstract is inserted below, and I hope that you will consider undertaking this important task for us.

Please log into the journal web site by 2021-01-23 to indicate whether you will undertake the review or not, as well as to access the submission and to record your review and recommendation. The web site is <https://bsj.uobaghdad.edu.iq/index.php/BSJ>

The review itself is due 2021-02-06.

If you do not have your username and password for the journal's web site, you can use this link to reset your password (which will then be emailed to you along with your username). <https://bsj.uobaghdad.edu.iq/index.php/BSJ/login/lostPassword>

Submission

URL: <https://bsj.uobaghdad.edu.iq/index.php/BSJ/reviewer/submission?submissionId=5889>

Thank you for considering this request.

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"Impact Assessment of Inhalable and Respirable Dust for Four Poultry Farms in Dakahlia Governorate, Egypt"

This study was conducted the investigation of various environmental exposure pollutants; temperature, humidity, inhalable (PM₁₀) and respirable (PM_{2.5}) dust. The measurements were carried out in 4 commercially operated poultry farms located in Al-Dakahlia Governorate. All investigated poultry farms differentiated in how to be

equipped. The air samples were collected during 3 different stages of the cycle of chicken production twice a week, from November 2018 to April 2019. The results of this study show that inhalable dust varied between 99 - 215 $\mu\text{g}/\text{m}^3$ and respirable dust varied from 83 - 195 $\mu\text{g}/\text{m}^3$ in farm C and farm D, respectively. It can be concluded that the accumulation of the manure, water and food remains leads to several pollutants particulate matters which has hazardous health effects on farm workers. Therefore, the personal protective equipment as face mask and mask filter must be used, especially during sterilization for reduction of the pollutant's exposure.

Baghdad Science Journal,

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