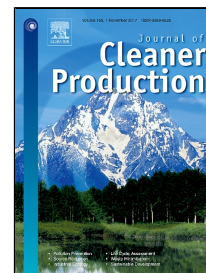


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Productivity modelling of a developed inclined stepped solar still system based on actual performance and using a cascaded forward neural network model



Mohammed Shadi S. Abujazar, Fatihah Suja, Ibrahim Anwar Ibrahim, A.E. Kabeel, Suraya Sharil

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Highlights

- The performance of the stepped solar still using a cascaded forward neural network is presented
- The effect of environmental parameters on the productivity of the system is studied
- In this study, three statistical error terms are used to evaluate the proposed model
- The RMSE, MAPE and MBE values of the proposed model are 22.48%, 18.51% and -26.46%, respectively

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