

Accepted Manuscript

Numerical simulation of wind barrier openings effect on high wind speed flow around heliostats field

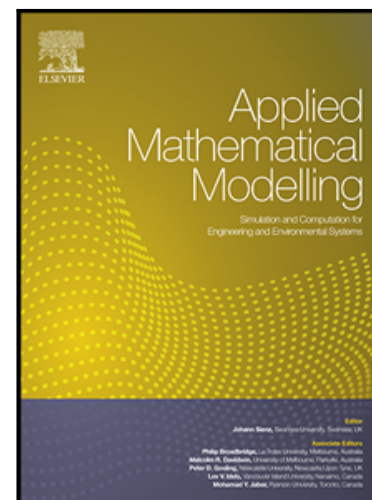
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PII: S0307-904X(18)30181-1
DOI: [10.1016/j.apm.2018.04.009](https://doi.org/10.1016/j.apm.2018.04.009)
Reference: APM 12248

To appear in: *Applied Mathematical Modelling*

Received date: 7 March 2016
Revised date: 31 March 2018
Accepted date: 18 April 2018

Please cite this article as: H. Bendjebbas , A. Abdellah El-Hadj , M. Abbas , Numerical simulation of wind barrier openings effect on high wind speed flow around heliostats field, *Applied Mathematical Modelling* (2018), doi: [10.1016/j.apm.2018.04.009](https://doi.org/10.1016/j.apm.2018.04.009)



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Highlights

- A 2D numerical simulation was conducted.
- We investigated the effect of varying wind barrier porosity sizes on wind flow.
- We analysed the vertical profil of wind velocity and turbulent kinetic energy in the considered domain.
- We proposed the recommended wind barrier porosity size for wind velocity and turbulent kinetic energy reduction.

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