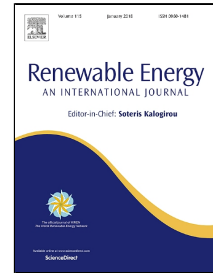


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Effects of Airborne Fine Particle Pollution on the Usability of Natural Ventilation in Office Buildings in Three Megacities in Asia

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- Effects of PM_{2.5} on the usability of NV in three megacities in Asia
- PCS increases availability of NV from 25-50 % to 40-65 %
- NV with PCS has the potential to save 13-42 % of the annual electricity load
- NV can increase indoor PM_{2.5} three to fourfold
- An electrostatic filter with NV can decrease PM_{2.5} exposure at a low energy cost

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