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A Review on Effect of Geometrical, Flow and Soil Properties on the Performance of Earth Air Tunnel Heat Exchanger

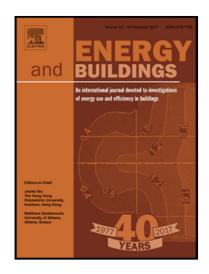
Kamal Kumar Agrawal, Ghanshyam Das Agrawal, Rohit Misra, Mayank Bhardwaj, Doraj Kamal Jamuwa

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Highlights

- The Earth air tunnel heat exchanger system is capable to provide sufficient heating and cooling in buildings with significant energy savings.
- The knowledge of thermo-physical properties of soil is crucial for the design of an EATHE system.
- In multiple pipe system, the distance between the pipes should be reduced gradually along the length of pipe.
- Too deeper excavation of soil does not result in any appreciable change in soil temperature.
- EATHE should be used during daytime in summer and during night time in winter season.

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