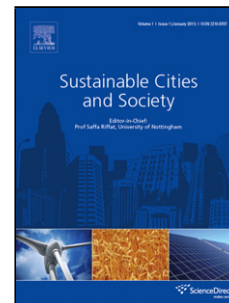


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## Modeling airborne indoor and outdoor particulate matter using genetic programming

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### Highlights

- Monitoring is done at 12 indoors and 5 outdoors locations, spread across university
- GP based data mining technique is implemented to identify multi-nonlinear models
- Outdoor PM<sub>2.5</sub> is much higher than the permissible limits by USEPA and EEA
- GP based models are perfectly able to mimic the behavioral trends of outdoor PM
- The model predictions are very close to the measured values.

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