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Developing an early-warning system for air quality prediction and assessment of cities in China

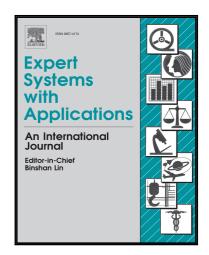
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Highlights

- An early-warning system is developed for air quality.
- Pollutant emission characteristics are analyzed using distribution functions.
- Dynamic forecast intervals are constructed for addressing the uncertainty.
- Air quality is evaluated by integrating fuzzy set theory and AHP.
- The results show that the developed early-system is effective and reliable.

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