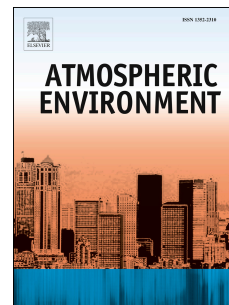


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Atmospheric transport and deposition of radionuclides released after the Fukushima Dai-chi accident and resulting effective dose

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Highlights

- Atmospheric dispersion and deposition after the Fukushima accident are modeled.
- Comparisons to observations show NRMSD<0.50.
- Average effective dose ranges from 40 mSv nearby NPPs to 0.2 μ Sv in Europe.
- Sensitivity analysis shows that source term is the most sensitive parameter.

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