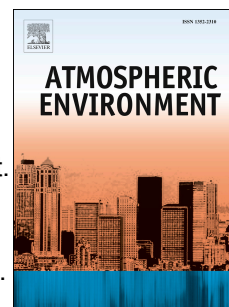


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Statistical analysis of dispersal and deposition patterns of volcanic emissions from Mt. Sakurajima, Japan

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- Monthly averages suggest SO₂ and airborne volcanic ash separation
- Monthly SO₂ concentrations vary considerably depending on the bearing from the vent
- Inverse power law approximation fidelity depends on distance and accumulation period
- Deposition patterns of volcanic ash exhibit elements of seasonality

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