

Kamenetskij, E. S.; Radionov, A. A.

Spreading of pollutants in mountain gorges. (Russian) Zbl 1046.92045

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Results of the numerical modelling of twenty-four-hours measurements of pollutant spreading in mountain gorges are considered. The influence of air flow regimes in a gorge on the near-earth concentration of the pollutant with source on the bottom of the gorge is studied.

Reviewer: N. I. Alexandrova (Novosibirsk)

MSC:

[92D40](#) Ecology

[65C20](#) Probabilistic models, generic numerical methods in probability and statistics

[65M60](#) Finite element, Rayleigh-Ritz and Galerkin methods for initial value and initial-boundary value problems involving PDEs

Keywords:

Reynolds equation; Boussinesq approximation

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