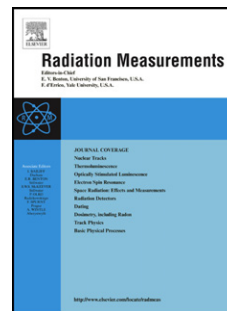


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Measurements of radon and thoron concentrations in high radiation background area using pin-hole dosimeter

R.C. Ramola, B.S. Rautela, G.S. Gusain, Ganesh Prasad, S.K. Sahoo, S. Tokonami



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Research Highlights

- Results of a newly designed twin cup pin-hole dosimeter are reported in this paper.
- Radon and thoron were measured in high background radiation area of India.
- Concentration of thoron and resulting effective dose were found higher in the area.
- The indoor and outdoor gamma dose rates were also relatively higher in the area.
- The resulting dose to the people living in the area was estimated.

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