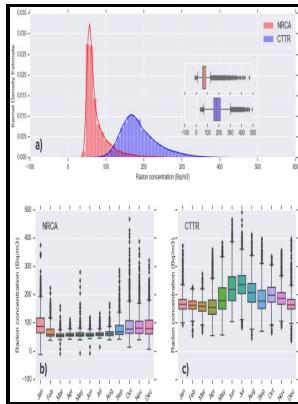


# Factors influencing soil as a source of indoor radon, framework for assessing radon source potential.

Pacific Northwest Laboratory - Measurement and determination of radon source potential: A literature review (Technical Report)



Description: -

-Factors influencing soil as a source of indoor radon, framework for assessing radon source potential.

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Notes: Extensive bibliography pages 94-106.

This edition was published in 1989



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Tags: #Soil #and #building #material #as #main #sources #of #indoor #radon #in #Băița

## Occurrence of radon in some schools of Parma and Reggio Emilia (Northern Italy)

Radon in homes and risk of lung cancer: collaborative analysis of individual data from 13 European case-control studies. When these results are compared with reported field studies of radon in houses, it appears that the infiltration of soil gas directly into a house is generally by far the largest contributor to indoor radon levels. Guidelines for radioelement mapping using gamma ray spectrometry data, IAEA-TECDOC-1363.

## Indoor Radon

A three-dimensional numerical model of the soil vapor to indoor air pathway is developed and used as a tool to estimate relationships between the vapor attenuation coefficient, the ratio of indoor air concentration to source vapor concentration, and vapor source building lateral separation, vapor source depth, and building construction characteristics depth of building foundation for nondegrading chemicals. An analysis of empirically derived attenuation factors for the soil vapor-to-air pathway and of attenuation factors estimated using the Johnson and Ettinger model. France: World Health Organization; 2009.

## Sources of indoor radon in houses: a review (Journal Article)

During these analyses, and as part of other sensitivity analyses with the RAETRAD model, the importance of diffusive radon entry through the concrete floor was observed.

## Sources of indoor radon in houses: a review (Journal Article)

Environmental Protection Agency OSTI Identifier: 5435047 Resource Type: Journal Article Journal Name: J. Radon contributes to over than 50% of the natural radiation dose received by people. Appl Radiat Isot 2003; 59 5—6 : 389—92.

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