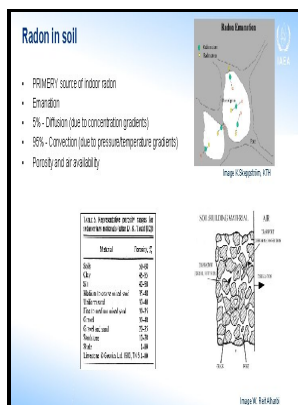


Factors influencing soil as a source of indoor radon, framework for assessing radon source potential.

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



Filesize: 52.53 MB

Tags: #Application #of #airborne #radiometric #surveys #for #large

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

Journal of the Air and Waste Management Association 59:447-460. In areas without adequate ventilation, such as underground mines, radon can accumulate to levels that substantially increase the risk of lung cancer. The soil as source of indoor radon shows high radon potential in 80% of the investigated area.

Application of airborne radiometric surveys for large

Vapor Intrusion Models for Petroleum and Chlorinated Volatile Organic Compounds: Opportunities for Future Improvements. Several detector materials for the registration of α -particles have been developed.

Factors Influencing Soil as a Source of Indoor Radon: Framework for Assessing Radon Source Potential

Source: Ford KL, Savard M, Dessau JC, Pellerin E, Charbonneau BW, and Shives RBK 2001 The role of gamma ray spectrometry in radon risk evaluation: A case history from Oka, Quebec. The Port Hope Area Initiative PHAI represents the Government of Canada's commitment to the cleanup and safe, local, long-term management of historic low-level radioactive waste LLRW in two Southern Ontario municipalities-Port Hope and Clarington.

Petroleum Vapor Intrusion

An important contribution from building materials to indoor radon was also observed.

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

Discusses aerobic biodegradation of aromatic hydrocarbons, and its impact on PVI. Radium content and permeability of the building ground have

been found to be useful indicators of indoor radon concentrations.

The influence of geological factors on indoor radon concentrations in Norway

Using the soil gas radon as an indicator for ground contamination by non-aqueous phase-liquids. Radon in Northern Ireland: indicative atlas.

Influence of tuff on the radon concentration in dwellings

This report documents the activities by Rogers and Associates Engineering Corporation during the extension period of the second year of grant DE-FG02-88ER60664.

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

It is a daughter product in the ^{238}U decay series and has a half-life of 3.8 days. For this reason they have been extensively applied in different national surveys for determining the annual average concentration of indoor radon. Water from underground sources contributes significantly in a minority of cases, primarily residences with private wells, with public water supplies contributing only a few percent of indoor radon, even when drawn from wells.

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