

Measuring Radon emanation from soil in South Africa to inform a survey of radon in houses.

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The National Nuclear Regulator is funding a project to plan a residential radon survey in South Africa. This is a very large project and we are looking at ways to decide if different areas are likely to be radon prone. Two of the important parameters to predict the radon levels in houses is the radium concentration in the soil and the emanation coefficient. This project aims to measure the latter for soils from different areas in South Africa where the radium (uranium) content is large.

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