

## **Monitoring of indoor Radon in historical heritage buildings.**

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Indoor radon in buildings is a major cause of lung cancer in Europe, a risk enhanced by exposure to air pollution and tobacco smoke. Radon monitoring is, so, essential in determining the level of human exposure in living and workplaces and determining the health risk. Recent literature has highlighted that historical buildings and archaeological sites could be more affected by high indoor Radon activity concentrations than modern buildings because apart from the soil also the type of foundation and building materials used play an important role. Ad hoc protocol able at investigating and analyzing all the possible sources should be applied by using different techniques and instruments. Through the presentation of the results of the monitoring of indoor Radon concentration in historical buildings in the province of Salerno, Italia, by using tailor made innovative measurements protocols and procedures this issue is discussed.