

Addressing Radon Decay Products - Another Tool in the Toolbox

It is well known that the mechanism by which radon exposure increases the potential of lung cancer is alpha release from the short-lived decay products of radon that can enter the lungs during respiration. It is also well known, or at least included in the in entry level exams, that the amount of these decay products available for respiration can vary due to air circulation rates, particulate levels, etc. (aka the equilibrium factor). This course will explore from a practical standpoint how radon decay products are measured as well as how RDP reduction can enhance soil gas remediation by reducing radon risks to very low levels.