

CFD Simulations for Radon Displacement Detection in UNE Scenarios



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- We simulate radon movement through soil under both passive and pressurized subsurface conditions.
- Key Results:Diffusion-only: Radon decays rapidly with height
- With Darcy Flow: Pressure boosts radon migration to the surface
- ✓ Results match published benchmarks (Burnett et al., 2021)



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