

G4SR-3 VIRTUAL SUMMIT DISTINGUISHED LECTURE #1

AI-ENHANCED DIGITAL TWINS OF NUCLEAR REACTORS



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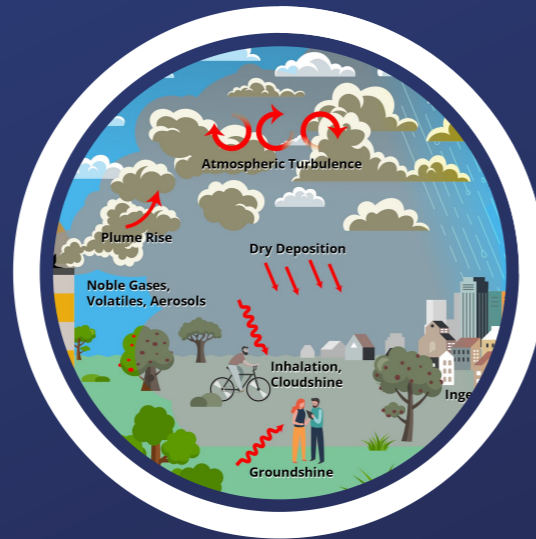


Regulatory Readiness through Research Excellence

The NRC's goal is to be a modern, risk-informed regulator



**Data Science and
Artificial Intelligence**



**Consequence
Analysis**



**Advanced Reactor
Readiness**



**International
Collaboration**