



Track 1 - Crosscutting Policies and Programs

Radionuclide Dispersion from Waste Piles: A Predictive Modeling Approach Using Simulations and Recurrent Neural Networks (24687)

 Mon, March
11

 EX Hall - Level 3 - Student Poster
Lounge
Phoenix Convention Center North 300 Level

 Student
Posters

Part of:

042 Student Poster Competition: Future Industry Leaders (1.03a)

Info

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Track 1

Presentation Summary:

This project aims to understand radionuclide dispersion in mining, emphasizing safety. Minerals in various industries often contain radionuclides, elevating dispersion risks. Wind plays a key role, potentially contaminating nearby areas. We utilize advanced predictive models, particularly Recurrent Neural Networks, to grasp dispersion patterns. These insights guide safety protocols and responsible decision-making. Our focus is on integrating safety measures and promoting sustainable mining practices, effectively mitigating dispersion risks.

Presenter/Panelist



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