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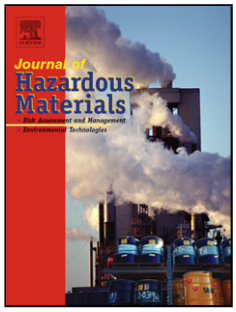

Title: Screening and assessment of solidification/stabilization amendments suitable for soils of lead-acid battery contaminated site

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ACCEPTED MANUSCRIPT

Screening and assessment of solidification/stabilization amendments suitable for soils of lead-acid battery contaminated site

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Highlights

- Effective S/S amendments were screened out for lead-acid battery contaminated site.
- Leachable Pb of soil treated by KP, SFP and KPM was reduced by 92%.
- Amendments effectively transformed Pb from nonresidual to residual fraction.
- Pb in treated soil mainly formed stable pyromorphite and other binding forms.

Abstract Lead exposure via ingestion of soil and dust generally occurs at lead-acid battery manufacturing and recycling sites. Screening solidification/stabilization (S/S) amendments

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