

Hanoi Lead-acid Battery Remediation Project

This study details the first comprehensive evaluation of the efficacy of a soil lead mitigation project in Dong Mai village, Vietnam. The village's population had been subject to ...

Concerns in environmental impact assessment of waste lead-acid battery recycling and transfer station project [J]. Regional Governance, 2020(04): 60-62. ... lead-acid ...

These are plastic from the battery casings, acid and lead. Plastics are separated, cleaned, broken down into small pellets and sold to be injection molded into new battery ...

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Our objectives were to assess the intensity and nature of child lead exposure at abandoned, informal used lead acid battery (ULAB) recycling sites in Kathgora, Savar, Bangladesh, as well as to assess the feasibility and effectiveness of a ...

Soil remediation interventions have proven effective in reducing Pb exposure. The primary objective is to measure the effectiveness of soil remediation at abandoned used ...

contamination has been used as a model approach to solving used lead-acid battery (ULAB) contamination in other economically depressed communities worldwide. This paper addresses ...

Trans. Nonferrous Met. Soc. China 25(2015) 3088-3095 Improvement in electrokinetic remediation of Pb-contaminated soil near lead acid battery factory Zong-ping ...

To improve the conventional electrokinetic remediation of Pb-contaminated soil, the Pb-contaminated soil near a lead acid battery factory in the Pearl River Delta region of ...

Human exposure to lead (Pb) due to uncontrolled Pb-acid battery recycling has been an environmental health issue in newly developed industrial regions.

University of Washington research is helping clean up lead contamination in a village near Hanoi, Vietnam, where children suffer from high levels of exposure. Lead can ...

This study details the first comprehensive evaluation of the efficacy of a soil lead mitigation project in Dong Mai village, Vietnam. The village's population had been subject to severe lead ...

Recycling of used Pb acid batteries (ULABs) has been identified as an important source of Pb exposure, among workers and people living near recycling facilities [10].Data ...

This study adds to the body of evidence that battery recycling operations in developing countries can lead to clinically serious levels of lead intoxication in the adjoining ...

Mining metals are considered a major source of environmental pollution mining pollutants hurt the environment and lining beings in long-term exposure [1].Some heavy ...

In spite of improvements, lead exposure was still substantial and probably associated with continued home-based recycling, legacy contamination, and workplace take ...

Child lead exposure near abandoned lead acid battery recycling sites in a residential community in Bangladesh: Risk factors and the impact of soil remediation on blood lead levels

Lead acid batteries are made up of lead dioxide (PbO₂) for the positive electrode and lead (Pb) for the negative electrode. Vented and valve-regulated batteries make up two subtypes of this ...

This study quantitatively assesses the impact of different policy instruments on reducing lead pollution from lead-acid battery (LAB) recycling. We develop a system dynamics ...

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