
University of Pennsylvania
Institute for Environmental Studies

presents

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Managing Environmental Effects of Metals Mining

Modern life, in both developed and developing countries, requires access to metals. Because of fundamental geochemical controls on the distribution of the elements, the only practical source of primary production of transition metals is mining. The greatest environmental impacts from metal mining are associated with adverse changes to water use, especially changes in water quality that affect human health and the environment. Recent estimates to address existing acid-mine drainage in North America alone exceed \$50 billion, and remedial costs at even a single mine may run into several hundreds of millions of dollars.

This presentation will focus on water-quality issues and their management, specifically for metals mines, using examples from recent experience in North and South America, Australia, Indonesia, Papua New Guinea, and Laos.

Date: March 5, 2008

Time: NOON - 1:30 pm

Place: Carolyn Hoff Lynch Auditorium

On the Penn campus: Chemistry Building
34 & Spruce Sts. (enter on 34 St)

NO REGISTRATION REQUIRED

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