



EVALUATING HEALTH IMPACTS FROM LAND-BASED POLLUTION: DATA GAPS & PROPOSED FRAMEWORK AND ECONOMIC CONSIDERATIONS



THURSDAY 18TH NOVEMBER 15.00 CET / 9.00 EST

This webinar is part of a series of webinars being conducted by the IOMC as a contribution to the on-going Beyond 2020 discussions. The webinar is open to all interested stakeholders participating in the SAICM/Beyond 2020 process and beyond, as well as other stakeholders active or interested in the chemicals and waste management area.

The aim of the webinars is to exchange information and share examples of good practices, studies and research conducted by IOMC organizations, with a multi-sectoral focus. The webinar features presentations from lead IOMC organizations (World Bank, OECD and UNEP), as well as an interactive dialogue with participants.

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Overview

Concerns about the health and economic impacts from land-based pollution in low- and middle-income countries (LMICs) continue to grow due to widespread environmental contamination from active and legacy operations. Informal activities contribute to increasing levels of pollution and the overall magnitude and scale of the public health problem remain highly uncertain and poorly characterized. Risk analysis offers useful approaches for evaluating and managing potential environmental health risks across different settings. A more uniform approach is also needed to specifically link observed or predicted exposures and health outcomes in the community to land-based pollution.

This webinar will feature three activities: used lead acid battery recycling, artisanal and small-scale gold mining, and small-scale tanneries. These actively contribute to land-based pollution in LMICs and in this webinar, we will present:

- a) key findings and knowledge data gaps that have hindered a fuller understanding of this issue;
- b) how several risk analysis approaches might be useful in this resource-constrained context;
- c) a high-level overview of a pragmatic framework for designing representative studies, recommendations for environmental sampling, biological monitoring and health outcome measurements and use of household surveys to better support community health impact analyses associated with land-based pollution sources in LMICs.

The general framework has been applied in the development of three specific protocol documents to guide practitioners in the assessment of used lead acid battery recycling, artisanal and small-scale gold mining, and small-scale tanneries. This webinar will also present the economic aspects of chemicals management. In order to estimate the economic benefits of chemicals management, further data is also needed, particularly for morbidity-related impacts. The OECD will highlight an activity that is underway to collect the data that forms the basis of economic benefit valuation through willingness-to-pay surveys of people to reduce particular health impacts, across a number of countries.

Resource Documents

Additional information on the topics discussed on the webinar can be found at:
<https://www.globalwebinars.org/publications-and-resources>

Webinar format

Following welcome remarks and an introduction to the topic the webinar will have two parts. The first session will describe the activities of the IOMC and invited organizations on the topic, particularly the two publications from the World Bank and the related activities by UNEP and OECD. The second part includes a questions and answers session with participants.



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AGENDA

THURSDAY 18TH NOVEMBER 15.00-17.00 CET

Time

Item

Speaker

EVALUATING HEALTH IMPACTS FROM LAND-BASED POLLUTION: DATA GAPS & PROPOSED FRAMEWORK AND ECONOMIC CONSIDERATIONS

3 MINS

Welcome

Sanjay Srivastava, Chair
The World Bank

5 MINS

Opening Remarks

Sanjay Srivastava, Chair
The World Bank

INTRODUCTION TO THE TOPIC AND ACTIVITIES BY IOMC PARTICIPATING ORGANIZATIONS

30 MINS

Presentation on Evaluating Health Impacts from Land-based Pollution: Data Gaps & Needs Assessment

Pamela Williams
Toxicology Excellence for Risk Assessment
The World Bank

30 MINS

Presentation on Framework for Collecting Site-Specific Sampling and Survey Data to Support Analysis of Health Impacts from Land-Based Pollution in LMICs

Katherine von Stackelberg
Harvard Center for Risk Analysis
The World Bank

5 MINS

Gaps, challenges and importance of monitoring on environment and health - a UNEP perspective.

Gamini Manuweera
Scientific Support Branch, UNEP

15 MINS

Valuation of the economic benefits of chemicals management. OECD Surveys on the Willingness-to-Pay to Avoid Negative Chemicals-Related Health Impacts

Damien Dussaux
Economy Integration Division of the Environment Directorate, OECD
Eeva Leinala
Environment and Health Safety Division, OECD

DISCUSSION AND QUESTIONS AND ANSWERS

20 MINS

Discussion/ Q&A

Open to all

2 MINS

Event closing

Sanjay Srivastava, Chair
The World Bank

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