



Extractives Hub



Centre for Energy, Petroleum
and Mineral Law and Policy
University of Dundee



Institute for Social Sciences
Research (ISSR)
University of Dundee

Mining's Impacts on Water and Health: An Interdisciplinary Conversation

Via Zoom

Tuesday 8 December 2020, 2 - 3.45pm

While new technologies have improved the environmental impacts of mining, water pollution remains a challenge for the sector. Mining impacts water through the discharge of toxic heavy metals, for example, because of the uses of rudimentary techniques in small scale mining, or the tailing dams in mine sites. Exposures to toxins released in the water by mining activities or accidents give rise to a range of human health issues affecting miners and local communities.

The webinar will promote active conversation about the topic of mining, water and health, characterised by a variety of environmental, social, legal and technical concerns. The webinar gathers academics and stakeholders from different disciplines across ISSR member schools, School of Social Sciences, (CEPMLP, CWLPS, Law, Geography and Environmental Sciences), Health Sciences, Education and Social Work and beyond. We will be joined by colleagues from Uyo University and Bayero University in Nigeria, and RWTH Aachen University in Germany)

Programme

1400 Introduction

Welcome message, aims and format and opening remarks.

Professor Peter Cameron (CEPMLP/Extractives Hub Project)

Dr Emmanuel Akpabio (Geography and Environmental Sciences - School of Social Sciences & University of Uyo, Nigeria)

Professor John Rowan (Vice-Principal Research, Knowledge Exchange & Wider Impact)

Moderated by Dr Maria Augusta Paim, CEPMLP

1415 Tailing dams and water: proposals for reducing risks by better connecting mine waste with water and disaster management

Mr Andrew Allan – Law, School of Social Sciences, University of Dundee

1430 Impact of artisanal mining on water and health in north-western Nigeria

Dr Salisu Abubakar, School of Health Sciences, University of Dundee & Bayero University Kano, Nigeria

1445 Towards sustainable mining: education for sustainability, e-waste and the circular economy

Dr Liz Lakin, School of Education and Social Work

1500 Advanced Mining Technologies (AMT)

Dr Rudrajit Mitra - Rock Engineering, Head of Research for AMT, RWTH Aachen University, Germany

1515 Q&A

1540 Closing remarks - Dr Ana Elizabeth Bastida, CEPMLP

1545 END