

# URANIUM-MINING: IMPACT ON HEALTH AND ENVIRONMENT



**Tuesday October 1 to  
Sunday October 6  
2013**

**Location:**

**Dar Es Salaam and  
Bahi /Dodoma**

**United Republic of Tanzania**

**The demand for uranium, the fuel for nuclear power plants and nuclear bombs, creates an apparent need for more mining operations. For this reason and because of insufficient local regulations, uranium-mining companies are increasingly focusing on African countries.**

**However, besides short-term socio-economic benefits, the local populations are not usually informed about the possible long-term consequences of uranium mining on their health and environment, most of which are only poorly investigated.**

**On the other hand, some nations are starting to phase out the nuclear option and there is increasing pressure by the people of the world for a complete abolition of nuclear weapons. This has already led to a lower world market price for uranium, thus strengthening the case against new mining operations.**

**As socially committed medical doctors and concerned citizens we feel an obligation to provide political decision makers, NGOs and the wider public with comprehensive information about uranium and its health, environmental, and socio-economic impacts.**

A conference of IPPNW - International Physicians for the Prevention of Nuclear War and uranium-network.org, Germany- in cooperation with LHRC (Legal and Human Rights Center) Tanzania, Rosa Luxemburg Foundation East Africa Regional Office, NaCUM (National Coalition on Uranium Mining) and CESOPE.



## Program:

**Tuesday, October 1, 2013**

**Field trip to Bahi - visit of planned exploration site**

**Wednesday, October 2, 2013**

## Bahi Community meeting

**Venue: Bahi Mission, 10.00 h**

**Resistance to Uranium - Mining in Central Tanzania**

**Health Impact: Uranium as Heavy Metal and Source of Radiation:**

### Introduction

Anthony Lyamunda, CESOPE, Tanzania

### Scientific basis

Doug Brugge, Prof, MD, USA

### Human health

Dale Dewar, MD, Physicians for Global Survival (IPPNW)Canada

**Environmental Impact**

**The Experience with Uranium Mining in Germany from 1950 - 1990**

Sebastian Pflugbeil, PhD, President German Society for Radiation Protection

**Social, Economic and Political Impact**

### Experiences in Australia

Dave Sweeney, ACF (Australian Conservation Foundation), Australia

### The Experience with Uranium Exploration in Falea, Mali

Delegation from Mali

### Political Impact in Tanzania

Tundu Lissu, Member of Parliament, Lawyer, Tanzania (*invited*)

### View of Young Tanzanians

Racheal Chagonja, Tanzania

### Questions and Answers-Peroid & Panel Discussion

of Presenters and Thomas Seifert, Prof, Senior Research Geologist, Germany

**Thursday, October 3, 2013**

**Transfer Participants from Dodoma to Dar es Salaam**

**Afternoon: Press Conference**

## Conference “Uranium - Mining: Impact on Health and Environment”

**Venue: Ubungo Plaza Blue Pearl Hotel, Morogoro Road, Dar es Salaam**

**Friday, October 4, 2013**

**08.00 Registration**

**08.30 Welcome notes**

Andreas Nidecker, Prof, MD, Radiologist, board of IPPNW Switzerland  
Helen Kijo-Bisimba, Dr. Exec. Director of Legal and Human Rights Center  
Joan Leon, Rosa Luxemburg Foundation, Dar es Salaam  
Günter Wippel, uranium-network, Germany

**09.00 Presentation from Government Institutions**

National Environment Management Council (NEMC) and Tanzania Atomic Energy Commission (TAEC)

**10.00 Health**

Chairpersons: Andreas Nidecker / Günter Wippel

**Health Aspects and Uranium - Mining Regulations in the USA**

Doug Brugge, PhD, Professor of Public Health and Community Medicine at Tufts Medical School, Boston, USA

**10.30 Tea / Coffee Break**

**11.00 Consequences of Uranium - Mining in Namibia**

Hilma Shindondola-Mote, Namibia

**Uranium - Mining and Health - Impacts on Miners and the Public**

Dale Dewar, MD, Physicians for Global Survival (IPPNW). Canada

**Uranium and its Influence on the Renal System**

Andreas Uhl, MD, Urologist, board of IPPNW Switzerland

**Tuberculosis in Miners**

Robert Mtonga, MD, IPPNW, Zambia

**13.00 Lunch**

**14.00 Environment**

Chairpersons: Representative of Inter-Religious Council for Peace Tanzania/ Andreas Uhl

**Impact of Uranium - Mining on Living Organisms**

Urs Ruegg, Prof of Pharmacology, IPPNW, Switzerland

**Geology and Mining of Uranium Deposits in Eastern Germany**

Thomas Seifert, Prof, Senior Research Geologist, TU Bergakademie Freiberg (Technical University, Academy of Mining), Department of Mineralogy, Division of Economic Geology and Petrology“, Germany

**U-Mining in South Africa: Environment and Human Rights**

Mariette Liefferink, FSE (The Federation for a Sustainable Environment), South Africa

**Questions and Answers**

**15.15 Tea / Coffee Break**

**15.45 Experience with Uranium-Mining**

Chairpersons: Ibrahim Thiam, Rosa Luxemburg Foundation, Dakar / Urs Ruegg

**Experience with Uranium - Mining in Mali**

Nouhou Keita, ARACF, Mali/ Setigui camara, Vice-president de l'ARACF (Association of the Inhabitants and Friends of the Municipality of Falea) Mali

Cheick Oumar Camara, Vice-President of the Regional Council of Kenieba, Mali

**Experience with Uranium - Mining in Niger**

Naino Nouhou, Rotab, Niger / Ghamar Ilatoufegh, Aghir in Man, Arlit, Niger /

Solli Ramatou, GREN (Research Group on Environmental Issues) Niger

**Questions and Answers**

**18.00 Film Presentation: „YELLOW CAKE The Dirt Behind Uranium“**

by Joachim Tschirner

**20.00 Dinner with speakers and participants**

**Saturday, October 5, 2013**

**08.30 Registration**

**09.00 Economic, Social and Political Aspects**

Chairpersons: Hellen Barsosio, Dr, IPPNW Kenya / Andreas Uhl

**Market Situation of Uranium as Source of Energy**

Andreas Nidecker, Prof, MD, IPPNW, Switzerland

**45 years of Uranium - Mining in the heart of Europe – power and politics against man and nature**

Sebastian Pflugbeil, PhD, President German Society for Radiation Protection

**Enrichment of Uranium - An example: URENCO between Nuclear Power Plants and Nuclear-Weapons**

Dirk Seifert, Robin Wood, Germany

**Discussion**

**10.45 Tea / Coffee Break**

**11.15 Experiences from South Africa**

David Fig, PhD, Honorary Research Associate, Environmental Evaluation Unit, University of Cape Town, South Africa

**Situation of Uranium - Mining in Malawi and Economic Analysis of U mining in SADC countries**

Reinford Mwangonde, Citizens for Justice, Malawi

**Uranium - Mining: Economic Aspects from Exploration to „Rehabilitation“**

Günter Wippel, uranium-network, Germany

**Questions and Answers**

**13.00 Lunch**

**14.00 Human Rights Aspects in Concerned Populations**

Amani Mustafa, Tanzania

**The Australian experience**

Dave Sweeney, ACF (Australian Conservation Foundation), Australia

**Experience from Bahi**

Anthony Lyamunda, CESOPE, Tanzania

**15.30 Final Panel: “The Way Forward”**

Delegate from Mali, Delegate from Niger, Delegate from Namibia, Delegate from Tanzania, Günter Wippel

**16.30 Closing remarks**

**Sunday October 6, 2013**

## Meeting of the African Uranium Alliance (AUA)

**Registration / Contact / Information:**

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