

**First announcement**

# URANIUM-MINING: IMPACT ON HEALTH AND ENVIRONMENT



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

**Location:  
Dar Es Salaam and  
Bahi / Dodoma  
United Republic 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 regulation, 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, we feel an obligation to provide concerned citizens, NGOs and political decision makers 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 - in cooperation with LHRC (Legal and Human Rights Center) Tanzania and NaCUM (National Coalition on Uranium Mining) Tanzania and uranium-network.org, Germany



## Program:

**Tuesday, October 1, 2013**

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

**Wednesday, October 2, 2013**

### **Bahi Community meeting**

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

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

Introduction	Anthony Lyamunda, CESOPE, Tanzania
Scientific basis	Prof Doug Brugge, USA
Human health	Dr Dale Dewar, Canada

### **Environmental Impact**

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

Prof. Sebastian Pflugbeil, Germany

**Water Requirements for/ Water Pollution in U Mining**

Prof. Dr. Frank Winde, South Africa (*will be invited*)

### **Social, Economic and Political Impact**

**Experiences in Australia**

Dr. David Sweeney, Australia

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

Prof. Many Camara, Mali (*will be invited*)

**Political Impact in Tanzania**

Representative Tundu Lissu, Tanzania (*will be invited*)

**View of Young Tanzanians**

Racheal Changonja, Tanzania (*will be invited*)

**Thursday, October 3, 2013**

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

**Afternoon: Press Conference**

**Friday / Saturday, October 4 - 5, 2013**

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

**Venue: to be announced**

### **Welcome notes**

Prof. Andreas Nidecker, MD, radiologist, board of IPPNW Switzerland  
Helen Kijo-Bisimba, Exec. Director of Legal and Human Rights Center (*will be invited*)  
Hussein Ali Mwingi, PhD, Minister of Health of Tanzania (*invited*)

### **Introduction**

**Uranium Mining in Tanzania – Benefits and Risks**

Hassan Mshinda, PhD, Tanzania (*invited*)

### **Health (Friday morning)**

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

Urs Ruegg, PhD, Switzerland

**Health Aspects and U - Mining Regulation in the USA**

Doug Brugge, MD, USA

**Consequences of U - Mining in Namibia**

Hilma Shindondola-Mote, Namibia

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

Andreas Uhl, MD, Switzerland

**Health Effects of U and Factors Affecting the Dietary Uptake of U by Humans**

Heike Windmann, MD, Germany (*invited*)

**Silicosis in Mine Workers**

NN, expert speaker from Tanzania

**Tuberculosis in Miners**

Robert Mtonga, MD, Zambia

### **Environment (Friday afternoon)**

**U - Mining: Aspects of Water Contamination**

Prof. Frank Winde, South Africa (*will be invited*)

**U - Mining: Geological Aspects**

Roland Oberhänsli, PhD, Germany (*invited*)

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

Günter Wippel, Germany

**Friday Evening: dinner with speakers and participants**

## **Economy (Saturday morning)**

**30 years U - Mining in Germany. The Story of Wismut**

Prof Sebastian Pflugbeil, Germany

**Market Situation of U as Source of Energy**

Prof Andreas Nidecker, MD, Switzerland

**U - Mining in 5 Continents: the History**

Claus Biegert, Journalist, Germany (*invited*)

**Documentary films and discussion**

Joachim Tschirner and Marcel Kolvenbach, Moviemakers, Germany

## **Human Rights and Social Impact (Saturday afternoon)**

**Human Rights Aspects in Concerned Populations**

Flaviana Charles, Tanzania

**Experiences from South Africa**

David Fig, PhD, South Africa

**Experience from Bahi**

Anthony Lyamunda, CESOPE, Tanzania

**What is going on in Mali?**

Prof. Many Camara, Mali (*will be invited*)

**Discussion**

**Sunday October 6, 2013**

## **Meeting of the African Uranium Alliance (AUA )**

**Information/Registration:**

mail@uranium-network.org, www.uranium-network.org

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