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 Oberhansli, 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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