Inaugural workshop of the IGCP/SIDA Project No. 594

MINING AND THE ENVIRONMENT IN AFRICA

Kitwe/Zambia, October 17th–18th, 2011

You are cordially invited to attend the Inaugural Workshop of the IGCP/SIDA Project 594, Assessment of Impacts of Mining and Mineral Processing on the Environment and Human Health in Africa.

We are of the opinion that there is still a significant difference between academic environmental research, environmental monitoring and assessment of impacts of mining carried out by mining companies and independent consultants, and experts working in the field of medical geology or in the field of the environmental legislation.

Therefore, the Workshop is designed (1) to correlate and integrate the results of multidisciplinary studies performed in contaminated areas using the best contemporary procedures for statistical analysis, management and compilation of geochemical data; (2) to strengthen the capacity of African institutions in environmental geochemistry by cooperation with foreign experts and organizations, (3) to raise the public awareness about impacts of mining on the environment and human health and, (4) to facilitate cooperation among geoscientists and medical scientists.

The workshop should contribute to improve capacity building in environmental monitoring, to assess the extent of contamination in mining districts of Africa, to raise environmental awareness among local population and to improve environmental legislation in African countries.

The Workshop will be held in Kitwe, Zambia, from October 17th to October 18th, 2011. Accommodation will be organized either in the Lothian Hotel or in the Sherbourne Farm Lodge.

Post-Workshop field trip (October 19th, 2011) will be particularly focused on visiting the Kitwe, Mufulira and Chingola copper- and cobalt-mining districts including mining and ore processing facilities. Special attention will be paid to the environmental impacts of mining on the environment.
SCIENTIFIC LECTURES

Scientific Programme of the Workshop will be organized in oral and poster sessions. Both oral and poster presentations will be focused on a few different topics. Invited lectures will be included in oral presentations. The official workshop language will be English; no translation services are planned.

Because of time constraints, the Organizing Committee reserves the right to select papers for oral and poster presentation from the abstracts submitted.

PROGRAMME OF THE INAUGURAL MEETING

October 17th, 2011
8.30 – 12.00, Workshop Opening, Invited lectures
13.00 – 17.00, Presentations of the Workshop Participants
17.00 – 18.00, Poster section

October 18th, 2011
8.30 – 12.00, Presentation of Mining Companies and Workshop Participants
13.00 – 16.00, Presentations of the Workshop Participants
16.00 – 17.00, Poster section
17.30 Business Meeting of the IGCP 594: Election of the Project International Board, specification of the project objectives, timing and organization of follow-up workshops and training courses in 2012 – 2014, specification of the project outputs, administrative agenda, project budget and sponsoring, relationship between project and on-going research activities of the project participants.

INVITED LECTURES

Thierry de Putter and Sophie Decrée, Royal Museum for Central Africa, Department of Geology, Célestin Banza, Université de Lubumbashi, Ecole de Santé Publique, RD Congo & Benoit Némery de Bellevaux, Katholieke Universiteit Leuven, Toxicology and Occupational Medicine, Belgium: Mining the Katanga Copperbelt: Geological aspects and impacts on public health and the environment

Benoit Némery de Bellevaux, Katholieke Universiteit Leuven, Toxicology and Occupational Medicine, Belgium: Potential adverse health effects of environmental and occupational exposure to minerals containing cobalt and associated metals

Alakendra N. Roychoudhury, Departemnt of Earth Sciences, Stellenbosh University, South Africa: Cobalt uptake and resistance to trace metals in Comamonas testosteroni isolated from a heavy-metal contaminated site in the Zambian Copperbelt

Louis van Rooy, Engineering and Environmental Geology, University of Pretoria, South Africa: The influence of gold mining on the geological environment in the Witwatersrand, South Africa
WORKSHOP TOPICS

Workshop will cover the following range of themes:

- Soils and surface contamination by metals and gaseous emissions in mining and mineral processing districts
- Response of plants to heavy metal stress and bioremediation
- Contamination of wetlands, surface and ground waters
- Modeling of dispersion of dust and gaseous emissions from mining operations and smelters
- Geochemical modeling of the pollutant cycle in contaminated areas
- Evaluation of potential links between contamination and health in mining districts
- Environmental issues related to small-scale and artisanal mining
- Environmental policy and legislation – best practices

Organizers accept contributions concerning all aspects of environmental problems related to mining and mineral processing. However, studies of the geochemical aspects of soil, surface and ground water, stream sediments and plants contamination and relationship between the contamination and human health remain to be the leading topic. Contributions presenting descriptive geochemistry and environmental technology will be welcomed for the poster presentation.

ORAL AND POSTER PRESENTATIONS

The lecture hall will be equipped with data projector. The time limit of 15 minutes + 5 minutes discussion is reserved for the oral presentations. The format of poster boards is A1 size.

EXTENDED ABSTRACTS

Camera-ready extended abstracts, including figures and references (2, 4 or 6 pages) must be submitted in electronic version before August 15th, 2011. Each abstract will be reviewed by the Scientific Committee. Authors will be notified about the acceptance or rejection of their extended abstracts by August 30th, 2011. The final version of abstracts must be submitted before September 15th, 2011.

For instructions, please download Abstract Template and Example of Abstract.

The participants are requested to send extended abstracts to Bohdan Kříbek, Chairman of the Organizing Committee by e-mail: bohdan.kribek@geology.cz

Please note that the abstract will be finally accepted only after the payment of the registration fee.
FIELD TRIP

Post-Workshop field trip will be organized on October 19th, 2011 into the Zambian part of the Copperbelt and will be focused on environmental problems related to mining and ore processing. A visit of copper smelter or open pit will be a part of the field trip. Detailed program of the field trip will be specified in cooperation with local mining companies. 

Maximum number of participants: 25
Cost: USD 35 – The cost includes transport, refreshments and lunch.

MEDICAL AND TRAVEL INSURANCE

Medical and travel insurance is within the responsibility of the field trip participants.

VISA

Please contact the www.zambiaimmigration.gov.zm or http://zambia.visahq.com to learn more on conditions of entry visa to Zambia.

TRANSPORT TO AND FROM WORKSHOP VENUE

It is recommended that participants from outside Zambia use the Ndola International Airport, Zambia to reach the conference venue in Kitwe. Transport from Ndola to Kitwe will be provided by organizers of the workshop.

Please, let us know the date, time and number of your flight.

REGISTRATION

For final registration, please fill in the REGISTRATION AND HOTEL RESERVATION FORM and send it by e-mail or by fax to Bohdan Kříbek, Czech Geological Survey, email: bohdan.kribek@geology.cz, fax: +420-251-818-748, Your registration will be confirmed by the Workshop conveners.

The registration fee is USD 60 / No registration fee for students is required.

Registration fee includes Workshop Programme and List of Participants, Workshop Proceedings (in electronic form), coffee breaks and lunches.

Please note: Registration without accompanying payment will not be processed.

Official registration of participants:
Lothian House, Chandamali Road, Kitwe (see enclosed map of Kitwe)
Registration hours: Sunday, October 16th, from 5.00 p.m. to 7.00 p.m., Monday, October 17th, from 8.00 to 11.00 a.m.

ACCOMMODATION

The Workshop participants may be accommodated in the Lothian House Workshop Venue or in the Sherbourne Farm Lodge. The Lothian House offers (i) Standard Double (Twin) Rooms at USD 38 (ZMK 180,000); (ii) Executive Double Rooms at USD 42 (ZMK 200,000) and (iii) Executive Suite at USD 74 (ZMK 350,000). Price of continental breakfast is included. We strongly recommend ordering full English breakfast at the Hotel.

The accommodation in the Lothian House is modest but comfortable.

Please note: No credit cards or cheques are accepted.
The Sherbourne Farm Lodge is slightly more expensive at 100 USD for single room, 120 USD for a double room. The accommodation in the Sherbourne Farm Lodge is a standard one. Other lodging places include:
Edinburg Hotel****, email: edinburg@microlink.zm,
Africaza Guesthouse, email: dcole@zamnet.zm,
Copperfields Executive Guesthouse, email: copperfields@microlink.zm,
House of Jasmine, email: jasmin@microlink.zm,
Mukwa Guest House, tel.: 021 2224266,
Pamo Lodge, tel.: 021 2222769,
Town House Lodge, tel.: 021 2221855,
University of Zambia School of Mines Research House (good for students),
and Chinyungu Guest House (Copperbelt University).

For booking, hotels require a one-day in-advance payment.

To meet accommodation requirements, the participants are kindly requested to send a REGISTRATION AND HOTEL RESERVATION FORM as soon as possible. Please indicate a type of accommodation you prefer and dates of your arrival and departure.

PAYMENT
 Please note: No hotel reservation will be made without the corresponding one-day in advance payment.

Please note that deadline for Registration Fee and for One-day in-advance Hotel Payment is September 15th, 2011. All payments should be made in USD only.

Payment by Electronic Bank Transfer to:
Full bank name: KOMERCN BANKA
Full bank address: Prague 1, Na Prikope 33
Bank Postal code: 114 07 Prague 1
Bank Country: Czech Republic
Bank code: 0100
SWIFT code: KOMBCZPP
IBAN code: CZ980100000511078860267
Account holder name: CZECH GEOLOGICAL SURVEY
Account currency: USD
Additional banking information:
Variable symbol: 323005
Message for recipient: IGCP594, YOUR NAME

Cheques to be made payable to Czech Geological Survey, Prague. Once the payment has been made, please fax or e-mail proof of your payment to:
Bohdan Kříbek, Czech Geological Survey,
email: bohdan.kribek@geology.cz, fax: +420 251 818 748.
Organizers will confirm your payment.

Payments by Credit Cards are not accepted.
Bank charges are to be paid by the customer.
REFUND POLICY

In case of a written cancellation earlier than 20 days before the event, the payment will be refunded. After that date no refund will be possible.

ORGANIZING COMMITTEE

Chairman:
Bohdan Kříbek, Czech Geological Survey, Prague

Co-chairmen:
Peter Sinkamba, Citizens for the Better Environment,
Kenneth Maseka, University of the Copperbelt,
Imasiku Nyambe, University of Zambia,
Benjamin Mapani, University of Namibia

IMPORTANT DEADLINES

August 15th, 2011: Submission of Abstracts
August 30th, 2011: Acceptance of Abstracts
September 15th, 2011: Submission of the final version of Abstracts
September 15th, 2011: Registration and Payment Deadline

CONTACT ADDRESS

Please return Registration and Hotel Reservation Form by e-mail or by fax to Bohdan Kříbek, Czech Geological Survey, Prague, email: bohdan.kribek@geology.cz, fax: +420 251 818 748 or use on-line registration and hotel reservation on this page.

Organizers reserve the right, due to circumstances beyond their control, to change speakers, program content and venue.

OTHER RELEVANT INFORMATION

Currency in Zambia is Kwacha (ZMK)
Current rate of exchange: USD1 = 4737 ZMK
Electricity: 220V, British-style three-pin plugs
International telephone code: +260 (followed by national code (0)21
Climate statistics for October: Temperature: 18 (min) to 35 °C (max), humidity: 23 – 39 %, rainfall 15 – 20 mm.
For field trip no heavy or rubber boots are required.
We recommend light terrain shoe.