



INTERNATIONAL GEOLOGICAL  
CORRELATION PROGRAM  
(UNESCO/IUGS/IGCP)

IGCP/SIDA PROJECTS  
594 AND 606

CLOSING WORKSHOP OF THE IGCP/SIDA PROJECTS 594 and 606

## ADDRESSING ENVIRONMENTAL AND HEALTH IMPACTS OF ACTIVE AND ABANDONED MINES IN SUB-SAHARAN AFRICA

Prague, Czech Republic, May 26–27, 2014



### WORKSHOP TOPICS

- Soils and surface contamination by metals and gaseous emissions in mining and mineral processing districts
- Response of plants to heavy metal stress and bioremediation
- Review of recent advances in mitigation of environmental impacts and application of modern rehabilitation technologies
- Contamination of wetlands, surface and ground waters
- Modeling of dispersion of dust and gaseous emissions from mining operations and smelters
- Geochemical modeling of the pollutants spreading and their circulation in contaminated areas
- Evaluation of potential links between contamination and health in mining districts
- Environmental issues related to small-scale and artisanal mining districts
- Environmental policy and legislation – best practices
- Progress made in compilation of a complete inventory and database of abandoned and derelict mines in Sub-Saharan Africa
- Natural hazards: noise; vibration and related machinery; traffic burdens, oxygen deficiency; extreme temperatures and humidity
- Radiation and radon exposure risk

### CONTACT

Please return attached pre-registration form by e-mail to Bohdan Křibek, Czech Geological Survey, Czech Republic [bohdan.kribek@geology.cz](mailto:bohdan.kribek@geology.cz), or to Theo C. Davies, Mangosuthu University of Technology, South Africa [theo.clavellpr3@gmail.com](mailto:theo.clavellpr3@gmail.com) or use [www.geology.cz/igcp594](http://www.geology.cz/igcp594)

