



Die Bildungsakademie des BDG
Berufsverband Deutscher Geowissenschaftler e.V.

www.die-ba-bdg.de



10TH MEGGEN RAW MATERIAL DAYS

11.–13. September 2024



Sachtleben Bergbau
Verwaltungs-GmbH

TRACTO



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Verwaltungs-GmbH

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Day 1

11. September 2024 · 9:00 am – 5:00 pm

GEOPOLITICS IN RAW MATERIALS SUPPLY - EUROPEAN AND GERMAN ASPECTS

The BDG and the Raw Material Policy · (Prof. Dr. Christoph Hilgers, President BDG, Bonn)

Chinese view on raw materials, cooperation for more than opportunities · (Prof. Dr. Meng Wang, TU Dresden)

The Raw Material Policy of Austria · (Dr. Robert Holnsteiner, Dep. of Raw Materials Policy, Fed. Min. of Finance, Austria)

The BMW Supply Chain - From Car to Mine · (Marie-Theres Kügerl, BMW Group, Munich)

Promotion of raw material exploration and mining in Europe · (EurGeol. Vítor Correia, INTRAW, Belgium)

German raw materials policy from the industry's perspective · (Christoph Petri, Deutsche Industrie- und Handesammer (DIHK), Referatsleiter für Umwelt- und Rohstoffpolitik, Berlin)

Wide subsurface potential for a successful transformation in Germany – and why policy makers are struggling with it · (Dr. Ludwig Möhring, BVEG, Hannover)

E S G - Aspects Concerning the European Supply with Critical Minerals? · (Dr.-Ing Frank Leschhorn, Munich Mining International)

Project Communication in Mining and Exploration · (Dr. Stefanie Walter, Lots* GmbH, Leipzig)

EU Project: GSEU Geological Surveys for Europe, Critical Raw materials for Europe / UNFC · (Dr. Antje Wittenberg, BGR, Hannover)

Dinner · Sauerland-Pyramiden (Tracto-Technik)



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Day 2

12. September 2024 · 9:00 am – 5:00 pm

NEW DEVELOPMENTS IN THE EUROPEAN AND GERMAN MINING BUSINESS

Mineral resources of Ukraine and EU pathway under Russian aggression

(Dr. Vitaliy Sukach, Yuliia Demchuk & Dr. Hanna Liventseva, M. P. Semenenko Institute of Geochemistry, Mineralogy and Ore Formation National Academy of Sciences of Ukraine)

The Mineral Potential of the Czech Republic · (Martin Netoušek, Czech Association of Economic Geologists (CAEG))

The Saxonian Deposits · (Dr. Tom Járóka, LfULG Sachsen)

Industrial minerals – case study of Valbrenbilla underground quarry
(EurGeol. David Govoni, EFG, President)

Exploration for Kupferschiefer Deposits in Thuringia · (Sebastian Stelter, Kupfer Copper Germany GmbH, Eschborn)

The Spremberg Deposit · (Blas Urioste, KSL Kupferschiefer Lausitz GmbH)

Natural Hydrogen - An Unknown Commodity · (EurGeol. Glen Burrige, Glen Burrige & Ass. Ltd.)

Digitalisation in the geosciences using the example of drone use in geology ·
(Dr. Richard Gloaguen, Helmholtz-Zentrum, Dresden)

Polymetallic nodules of the Clarion Clipperton Fracture Zone as a deposit and habitat – is this an unresolvable conflict of interest? · (Dr. Artur Skowronek & Dr. Tomasz Abramowski, University of Szczecin, Institute of Marine and Environmental Sciences / Interoceanmetal Joint Organization, Poland)

Small Scale Mining - Economics, Environment and a Chance for Europe? ·
(Dr. Michael Priester & Christopher Demel, Projekt-Consult GmbH, Hamburg)

Barbecue · Siciliaschacht (Sachtleben Bergbau Verwaltungs-GmbH)



Sachtleben Bergbau
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Day 3

13. September 2024 · 9:00 am – 5:00 pm / Short Course

MINING METHODS IN ONE DAY

Lecturer:

Prof. Dr. Ing. Ludger Rattmann, Technische Hochschule Georg Agricola, Bochum

The primary focus of this short course spans from modelling mineral deposits to exploring various mining methods. Mineral deposits are both versatile and unique. Therefore, meticulous mine planning entails a tailor-made selection and application of a suitable mining method, taking into account all operational aspects of the mine as an integrated system. To provide an overview of the planning process, culminating in the ultimate mine design, this short course covers the following topics:

- Introduction, Stages in the life of a mine, the mine as a system
- The mine planning process
- Deposit models
- Mine Development
- Surface or underground mining
- 8 underground mining methods (Room & Pillar Mining, Stope & Pillar Mining, Shrinkage Stopping, Sublevel Stopping, Cut & Fill, Longwall Mining, Sublevel Caving, Block Caving)
- Selection of mining methods
- Introduction, Stages in the life of a mine, the mine as a system

Particular emphasis is placed on the interface between Geology and Mining, highlighting the planning trajectory from the initial deposit model through the selection of suitable mining methods to the establishment of design criteria for meticulous mining method planning.



*Training course endorsed by the
European Federation of Geologists*

<input type="checkbox"/>	Conference day 1 11. September 2024 9:00 am – 5:00 pm	Sessions “Geopolitics in Raw Materials Supply - European and German Aspects”	
<input type="checkbox"/>	Registration fee 395 EUR	<input type="checkbox"/>	BDG Members/ EurGeol. 315 EUR
<input type="checkbox"/>		<input type="checkbox"/>	Members of cooperating organisations* 355 EUR
<input type="checkbox"/>	Conference day 2 12. September 2024 9:00 am – 5:00 pm	Sessions “New Developments in the European and German Mining Business”	
<input type="checkbox"/>	Registration fee 395 EUR	<input type="checkbox"/>	BDG Members/ EurGeol. 315 EUR
<input type="checkbox"/>		<input type="checkbox"/>	Members of cooperating organisations* 355 EUR
<input type="checkbox"/>	Seminar days 13. September 2024 9:00 am – 5:00 pm	Shourt Course “Mining Methods in one day”	
<input type="checkbox"/>	Registration fee 395 EUR	<input type="checkbox"/>	BDG Members / EurGeol. 315 EUR
<input type="checkbox"/>		<input type="checkbox"/>	Members of cooperating organisations* 355 EUR
<p>When booking multiple days the fee will be reduced by 50 % per additionally booked event. The number of participants is limited. Meals for registered peoples included.</p> <p>10 % early bird reduction by registration before 14 June 2024.</p> <p>Special reductions for unemployed, retirees and students are available on request.</p> <p>Deadline for registration: 14 August 2024</p> <p>Cooperating organisations:</p> <p><input type="checkbox"/> DGGV <input type="checkbox"/> PalGes <input type="checkbox"/> DEUQUA <input type="checkbox"/> DMG <input type="checkbox"/> OGV <input type="checkbox"/> VGöD <input type="checkbox"/> ITVA <input type="checkbox"/> DGG <input type="checkbox"/> VBGU <input type="checkbox"/> DGFZ <input type="checkbox"/> DTTG <input type="checkbox"/> GDMB <input type="checkbox"/> RBV <input type="checkbox"/> GDCh <input type="checkbox"/> EFG</p>			

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Invoice address		
<input type="checkbox"/> I accept the terms and condition (see www.die-ba-bdg.de).		
<input type="checkbox"/> I have read and accept the privacy policy.		
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