



Die Bildungsakademie des BDG  
Berufsverband Deutscher Geowissenschaftler e.V.

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# 7<sup>TH</sup> MEGGEN RAW MATERIAL DAYS

15–17 September 2021



Sachtleben Bergbau  
Verwaltungs-GmbH

**TRACTO**



Sachtleben Bergbau  
Verwaltungs-GmbH

**TRACTO**

**Day 1**

**15 September 2021 · 9:00 am – 4:30 pm**

## **ZUKUNFTSPERSPEKTIVEN DER HEIMISCHEN ROHSTOFFVERSORGUNG**

**Der Rohstoffbedarf der Zukunft** · (Prof. Dr. Christoph Hilgers, KIT / Think Tank Baden Württemberg)

**Ionenextraktion mit elektrochemischen Verfahren aus Grubenwasser und anderen Medien** · (Prof. Dr. Volker Presser, INM – Leibniz-Institut für Neue Materialien gGmbH, Saarbrücken)

**Zielkonflikte zwischen Wachstum, Rohstoffbedarf und Recycling** · (Michael Ritthoff, Wuppertal Institut, Wuppertal)

**Auswirkungen und Folgen des Klimawandels auf den Bergbausektor** · (N.N., WWF, Berlin)

**Die Gewinnung von Rohstoffen in Deutschland – ein Überblick** (Sören Henning, BGR, Hannover)

**Die Gipsversorgung Deutschlands – aktueller Stand und Auswirkungen des Kohleausstiegs** · (Dr.-Ing. Jörg Demmich, Knauf Gips KG, Iphofen)

**Panel-Diskussion mit Gästen, den Teilnehmern u. Journalisten in Zusammenarbeit mit RohstoffWissen!**

(Dr. Hans-Jürgen Weyer, RohstoffWissen! e.V., Bonn)

Moderation: Dr. Uwe Springfeld

**Dinner Galileo Park**



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**Day 2**

**16 September 2021 · 9:00 am – 12:15 pm**

## **CURRENT DEVELOPMENTS IN INTERNATIONAL RAW MATERIALS SECTORS**

**Financing your exploration company** · (Kai Hoffmann, Soar Financial Partners)

**Responsible mining: what, when, who, why, where?** · (Dr. Sarah Gordon, Rose Clarke, Responsible Raw Materials, United Kingdom)

**Is Europe fit for mining and metallurgy? – a reality check.** · (Dr. Wolfgang Reimer, GKZ Freiberg)

**Responsible exploration** · (EurGeol. Christian Masurenko, Independent Consultant, Twistingen)

**Tensions between Artisanal and Industrial Mining and the Role of Geologists: Evidence from Burkina Faso, West Africa** · (Dr. Diana Ayeh, UFZ Leipzig)

**Day 2**

**16 September 2021 · 1:00 pm – 5:00 pm**

## **NEW RAW MATERIAL PROJECTS, COUNTRY REPORTS**

**Europe's Raw Materials Supply Chains Resilience and GeoERA's Contribution** · (Dr. Antje Wittenberg, BGR, Hannover)

**Re-discovering Europe's silver belt – the Silver City project, Saxony, Germany** · (Jan Schulz-Isenbeck, Excellon Resources)

**The benefits of geophysics in HFSE (incl. REE) exploration in alkaline and carbonatitic systems – a case study of the Kaiserstuhl Volcanic Complex, SW Germany** · (Dr. Claudia Pohl u. Klaus Brauch, terratec, Heitersheim)

**To what extent Poland is self-sufficient in terms of minerals (minerals production vs. consumption and their trends)** · (Prof. Dr. Krzysztof Galos, University of Krakow)

**Mineral Reporting Standards and Dimension Stones** · (EurGeol. Marco Cosi, Alpiconsult, Italy)

**Forum Rohstoffgeologen** · Diskussion · (EurGeol. Dr. Bernd Schürmann,)

**Dinner at visitor museum Wendener Hütte** incl. a guided tour



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**Day 3**

**17 September 2021 · 9:00 am – 4:00 pm / Short Course**

## THE MINE RECONCILIATION PROCESS - FROM EXPLORATION TO PRODUCT

**Lecturers: David Tutton, Consultant Mining Engineer, Dierdorf, Germany**

**Mario Rossi, Principal Geostatistician, Boca Raton, Florida, USA**

**EurGeol. Dr. Ana Rieger, Economic Geologist with Sachtleben Minerals GmbH & Co. KG, Germany**

Mining and the extraction of minerals and metals is an imprecise industry which is based on estimates and uncertainties throughout the extraction process. Various reconciliations are performed at a typical mine and these commonly cover the resources and reserves, the mining process and the metallurgical balance as separate analyses. In this seminar, the three presenters will discuss the overall process from the exploration stage to final metal production from different viewpoints and experiences. Examples will be presented from small and large open pit and underground mines in industrial, precious and base metals. Walkthrough workshop sessions will be held for smaller groups allowing greater interaction with the presenters. The seminar will end with some do's and don'ts and provide guidelines on establishing a robust reconciliation process.

Introduction • Reconciliation in exploration • Reconciliation in Geological and Resource Modelling • Reconciliation in mine production • Standard terminology • Uncertainty mapping • Application in modelling process • Application in mine planning process • Errors and Omissions in Reconciliation Data • To flitch or not to flitch • Walkthrough workshops with some worked examples • Getting it wrong and Getting it right • Establishing a process



Training course endorsed by the  
European Federation of Geologists

<input type="checkbox"/>	<b>Conference day 1</b> <b>15 September 2021</b> 9:00 am – 4:30 pm	<b>Sessions</b> “Zukunftsperspektiven der heimischen Rohstoffversorgung in Deutschland”	
<input type="checkbox"/>	Registration fee <b>295 EUR</b>	<input type="checkbox"/>	BDG Members/ EurGeol. <b>255 EUR</b>
<input type="checkbox"/>		<input type="checkbox"/>	Members of cooperating organisations* <b>275 EUR</b>
<input type="checkbox"/>	<b>Conference day 2</b> <b>16 September 2021</b> 9:00 am – 5:00 pm	<b>Sessions</b> “Current developments in the international raw materials · New raw material projects, country reports”	
<input type="checkbox"/>	Registration fee <b>295 EUR</b>	<input type="checkbox"/>	BDG Members/ EurGeol. <b>255 EUR</b>
<input type="checkbox"/>		<input type="checkbox"/>	Members of cooperating organisations* <b>275 EUR</b>
<input type="checkbox"/> <b>10 EUR</b> have to be included for the excursion to Wenden museum incl. transportation, guided tour, dinner and drinks.			
<input type="checkbox"/>	<b>Seminar day</b> <b>17 September 2021</b> 9:00 am – 4:00 pm	<b>Shourt Course</b> “The mine reconciliation process - from exploration to product”	
<input type="checkbox"/>	Registration fee <b>295 EUR</b>	<input type="checkbox"/>	BDG Members / EurGeol. <b>255 EUR</b>
<input type="checkbox"/>		<input type="checkbox"/>	Members of cooperating organisations* <b>275 EUR</b>
<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 rebate by registration before 18 June 2021.</p> <p><b>Deadline for registration:</b> 18 August 2021.</p> <p><b>Cooperating organisations:</b></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> <p>Despite the decreasing infection rates in Germany we have to be prepared if the Corona-situation in September requires some precautions. Vaccinated and recovered persons (with certificates) will have free access to the conference area in any case. All other persons can make a Covid 19 rapid test at the entrance of the venue if necessary. Masks might be necessary.</p>			

Name	First Name	Title
E-mail		
<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>		
Invoice address		
<input type="checkbox"/> I accept the terms and condition (see <a href="http://www.die-ba-bdg.de">www.die-ba-bdg.de</a> ).		
<input type="checkbox"/> I have read and accept the privacy policy.		
Date, Place	Signature	



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