

## WCC 2022, Leipzig, Program Tuesday, May 31, 2022

**SUBJECT:** TRANSFORMATION: INDUSTRIAL AND LANDSCAPE CHANGE  
 Keynotes 20' each, Greetings 10' each  
 5 lectures per session 15' each

**MODERATOR:** Dr. Gabriele Goldfuß

**Black = national referent**  
**Blue = international referent**

08:30 - 08:40	GWDi1	<b>Greeting</b> Dr. Bettina Hoffmann, Parliamentary State Secretary at the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety and Consumer Protection (BMUV) (VIA VIDEO LINK)		
08:45 - 08:55	GWDi2	<b>Greeting</b> Rudy Van der Ween, President, Inland Waterways International (IWI)		
09:00 - 09:20	KeyDi1	<b>Presentation of the City of Leipzig as host of the WCC</b> Heiko Rosenthal, Deputy Mayor for Environment, Climate, Order and Sports, City of Leipzig		
09:25 - 09:45	KeyDi2	<b>Lignite phase-out, structural change and post-mining landscapes. An overview for Germany and neighbouring states</b> Prof. Dr. Andreas Berkner, Head of Regional Planning Office, Regional Planning Association Leipzig-West Saxony (VIA VIDEO LINK)		
09:45 - 10:05	<b>Coffee break 20'</b>			
10:05 - 10:25	KeyDi3	<b>Reskilling Coal Communities to Remediate Coal Liabilities in Appalachia</b> Jacob Israel Hannah, Director of Conservation, Coalfield Development Corporation, Wayne, USA		
10:30 - 10:50	KeyDi4	<b>The Emscher Conversion - Structural Change via Water Management</b> Prof. Dr. Uli Paetzel, Chairman of the Board EmscherGenossenschaft and Lippeverband (VIA VIDEO LINK)		
10:55 - 11:10	<b>Discussion 15'</b>			
11:10 - 11:40	<b>Room change and break 30'</b>			
	<b>SESSION 1</b> <b>FROM ACTIVE MINING TO NEW LANDSCAPES</b>	<b>SESSION 2</b> <b>STRUCTURAL CHANGE AND WATER BALANCE INCLUDING WATER QUALITY</b>	<b>SESSION 3</b> <b>PROFESSIONAL CHALLENGES AND OPPORTUNITIES AS A RESULT OF STRUCTURAL CHANGE</b>	<b>POSTER EXHIBITION</b> (not fixed in time)
11:40 - 11:55	<b>Design of a lake landscape in the Rhenish lignite area due to the earlier closure of lignite mines</b> Michael Eyll-Vetter, Opencast Mining Development Division, RWE Power AG	<b>Aftercare strategies to ensure the water quality of post-mining lakes in the south of Leipzig</b> Benno Janisch, Remediation Planning Western Saxony / Thuringia, Lausitzer und Mitteldeutsche Bergbau-Verwaltungsgesellschaft mbH (LMBV)	<b>The ongoing transformation between mining and tourism region in Ha Long area</b> Dr.-Ing. Katrin Brömme, Research Associate, Ruhr-University of Bochum, Environmental Engineering and Ecology	<b>Automatized drought impact detection using natural language processing</b> Jan Sodoge, Department of Urban and Environmental Sociology, Helmholtz Centre for Environmental Research - UFZ
12:00 - 12:15	<b>Transformation: Industrial and Landscape Change</b> Rolf Schlottmann, Head of Department, Department of Planning West Saxony / Thuringia, Lausitzer und Mitteldeutsche Bergbau-Verwaltungsgesellschaft mbH (LMBV)	<b>Strategic water management as the basis for a successful structural change</b> Lars Stratmann, Saxon State Ministry for Energy, Climate Protection, Environment and Agriculture (SMEKUL)	<b>From pits of sand and clay to dynamic environments for nature, recreation, tourism and culture</b> Igor Geubbelsmans, Director, Leisure Department, Provincie of Antwerp	<b>Assessing the ecological status of small streams in east Germany with Citizen Scientists</b> Julia von Gönner, Department Ecosystem Services, Helmholtz Centre for Environmental Research – UFZ, German Centre for Integrative Biodiversity Research (iDiv) Halle-Jena-Leipzig
12:20 - 12:35	<b>Discussion 15'</b>			
12:35 - 13:35	<b>Lunch break 60'</b>			
13:35 - 13:50	<b>The role of water and hydric reclamations in the transformation of the Ústí Region</b> Dr. Renata Eisenvortova, European Affairs Manager, 7group	<b>Water plant management for improved water quality</b> Bengt Verwoner, DBFZ German Biomass Research Centre	<b>Carbon neutrality and urban revitalization of canal cities in China</b> Wang Shi, Consultant of WCCO, Founder of Vanke Co., Ltd., Chairman of the Board, Vanke Foundation, China	<b>Digital Skipper Assistent (DSA)</b> Alexander Schmid, Digital Mobility, BearingPoint GmbH
13:55 - 14:10	<b>Networked Lake Landscapes in Lusatia – Connectedness across National Borders</b> Dr. Jochen Rausch, Lusatian Lakeland Association Saxony	<b>Aquathermal energy: sustainable heat source for the energy transition in the Netherlands</b> Marco van Schaik, Stichting Toegepast Onderzoek Waterbeheer Henk Looijen, senior advisor knowledge and innovation, Netwerk Aquathermie	<b>Sustainable Water Supply for the Ulster Canal Restoration Phase II (Clones)</b> Dr. Jon Hunt, Client Service Manager, CDM Smith	<b>Long-term and sustainable management of artificial water bodies</b> Cordula Jäger, Drausy GmbH

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	<b>SESSION 1 FROM ACTIVE MINING TO NEW LANDSCAPES</b>	<b>SESSION 2 STRUCTURAL CHANGE AND WATER BALANCE INCLUDING WATER QUALITY</b>	<b>SESSION 3 PROFESSIONAL CHALLENGES AND OPPORTUNITIES AS A RESULT OF STRUCTURAL CHANGE</b>	<b>POSTER EXHIBITION (not fixed in time)</b>
14:15 - 14:30	<b>The post-mining landscape in the southern Leipzig region in transition – MIBRAG's "New District Planning 2021" on the basis of the Act on the Reduction and Cessation of Coal-fired Power Generation</b> Bastian Zimmer, Director Planning, Mitteldeutsche Braunkohlengesellschaft mbH (MIBRAG)	<b>A concrete example of structural change: The thermal use of coal mine lakes</b> Martin-Joseph Hloucal, Project leader, Tilia GmbH		<b>Geomembrane systems to restore the watertightness of canals in the dry and underwater</b> Dr. Vanja Verdel, Business Development Manager, CARPI TECH BV
				<b>Electrifying Inland Waterways with PwrSwäp – Reducing GHGs for the Long Haul</b> Brent Perry, Chief Executive Officer, Shift Clean Energy
				<b>Possibilities of autonomous vehicles for continuous monitoring of inland waters</b> Eric Röder, Interdisziplinäres Ökologisches Zentrum, Technische Universität Bergakademie Freiberg
14:35 - 14:50	<b>Discussion 15'</b>			
15:30	<b>Bus departure at the KONGRESSHALLE am Leipzig Zoo for the excursions</b>			
15:30 - 21:00	FieldTripDiA	Goitzsche Lake – with Bitterfelder Bogen, water level tower and evening boat trip		
15:00 - 21:00	FieldTripDiB	Discovering the Markkleeberg and Störmthaler Lake Network		
15:30 - 21:00	FieldTripDiC	Into the heart of the Saale-Unstrut wine region		
15:30 - 21:00	FieldTripDiD	Grimma: city on the water – curse and blessing		