

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

	SESSION 1 FROM ACTIVE MINING TO NEW LANDSCAPES	SESSION 2 STRUCTURAL CHANGE AND WATER BALANCE INCLUDING WATER QUALITY	SESSION 3 PROFESSIONAL CHALLENGES AND OPPORTUNITIES AS A RESULT OF STRUCTURAL CHANGE	POSTER EXHIBITION (not fixed in time)
11:40 - 11:55	Design of a lake landscape in the Rhenish lignite area due to the earlier closure of lignite mines Michael Eyll-Vetter, Opencast Mining Development Division, RWE Power AG	Aftercare strategies to ensure the water quality of post-mining lakes in the south of Leipzig Benno Janisch, Remediation Planning Western Saxony / Thuringia, Lausitzer und Mitteldeutsche Bergbau-Verwaltungsgesellschaft mbH (LMBV)	The ongoing transformation between mining and tourism region in Ha Long area Dr.-Ing. Katrin Brömme, Research Associate, Ruhr-University of Bochum, Environmental Engineering and Ecology	Automatized drought impact detection using natural language processing Jan Sodge, Department of Urban and Environmental Sociology, Helmholtz Centre for Environmental Research - UFZ
12:00 - 12:15	Transformation: Industrial and Landscape Change Rolf Schlottmann, Head of Department, Department of Planning West Saxony / Thuringia, Lausitzer und Mitteldeutsche Bergbau-Verwaltungsgesellschaft mbH (LMBV)	Strategic water management as the basis for a successful structural change Lars Stratmann, Saxon State Ministry for Energy, Climate Protection, Environment and Agriculture (SMEKUL)	From pits of sand and clay to dynamic environments for nature, recreation, tourism and culture Igor Geubbelsmans, Director, Leisure Department, Provincie of Antwerp	Assessing the ecological status of small streams in east Germany with Citizen Scientists 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	Discussion 15'			
12:35 - 13:35	Lunch break 60'			
13:35 - 13:50	The role of water and hydric reclamations in the transformation of the Ústí Region Dr. Renata Eisenvortova, European Affairs Manager, 7group	Water plant management for improved water quality Bengt Verwoner, DBFZ German Biomass Research Centre	Carbon neutrality and urban revitalization of canal cities in China Wang Shi, Consultant of WCCO, Founder of Vanke Co., Ltd., Chairman of the Board, Vanke Foundation, China	Digital Skipper Assistent (DSA) Alexander Schmid, Digital Mobility, BearingPoint GmbH
13:55 - 14:10	Networked Lake Landscapes in Lusatia – Connectedness across National Borders Dr. Jochen Rausch, Lusatian Lakeland Association Saxony	Aquathermal energy: sustainable heat source for the energy transition in the Netherlands Marco van Schaik, Stichting Toegepast Onderzoek Waterbeheer Henk Looijen, senior advisor knowledge and innovation, Netwerk Aquathermie	Sustainable Water Supply for the Ulster Canal Restoration Phase II (Clones) Dr. Jon Hunt, Client Service Manager, CDM Smith	Long-term and sustainable management of artificial water bodies Cordula Jäger, Drausy GmbH
14:15 - 14:30	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 Bastian Zimmer, Director Planning, Mitteldeutsche Braunkohlengesellschaft mbH (MIBRAG)	A concrete example of structural change: The thermal use of coal mine lakes Martin-Joseph Hloucal, Project leader, Tilia GmbH		Geomembrane systems to restore the watertightness of canals in the dry and underwater Dr. Vanja Verdel, Business Development Manager, CARPI TECH BV
				Electrifying Inland Waterways with PwrSwäp – Reducing GHGs for the Long Haul Brent Perry, Chief Executive Officer, Shift Clean Energy
				Possibilities of autonomous vehicles for continuous monitoring of inland waters Eric Röder, Interdisziplinäres Ökologisches Zentrum, Technische Universität Bergakademie Freiberg
14:35 - 14:50	Discussion 15'			