



## IP Controlling Chemicals' Fate Lecture

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### **Prof. Mengfang Chen**

Chinese Academy of Sciences, Nanjing, China

**Friday, 6 September 2019, 10:00**

**Leipziger KUBUS, Lecture Hall 2**

**Permoserstr. 15, 04318 Leipzig**

## **Current Situation and Progress in Risk Control and Remediation of Contaminated Sites in China**

Rapid urbanization and industrialization, and recent implementation of relevant environmental policies to close and/or relocate many contaminating industries in China have led to the emergence of and considerable interests in the world's largest brownfield regeneration market. This presentation reviews current situations relating to the extent of the soil and groundwater pollution, and the latest development in the legislative and technical procedures in the management and remediation of industrially contaminated sites. Technical challenges ahead for developing risk based sustainable remediation technologies particularly highly efficient and low cost in-situ technologies will be highlighted.

Prof Chen is currently Director of the Centre for Site Remediation (SiteRem) at the Institute of Soil Science, and Deputy Directors of Key Laboratory of Soil Environment and Pollution Remediation (SoilRem), Chinese Academy of Sciences (CAS) and National Engineering Laboratory of Site Remediation Technologies (NEL-SRT). Prof. Chen has over thirty years' experience working in contaminated land research and consultancy and has considerable experience in soil and groundwater investigation, human health and environmental risk assessment and reagents based in-situ groundwater remediation technologies such as nano-iron technology, permeable reactive barrier (PRB), advanced chemical oxidation and reduction and enhanced bioremediation in UK and China. Prof. Chen is founding chair of Soil Remediation Committee of Soil Sciences Society of China and acted as an International Project Advisor for Euro-FP7 Project (NANOREM) for the application of nano-iron in soil and groundwater remediation, and technical advisor for the regeneration of 2012 London Olympic Parks.

**All interested colleagues are kindly invited.**