



CISWS

中国北京  
Beijing China

# 第三届 国际固废&土壤修复峰会

Third International Solid Waste & Soil Remediation Summit

2019年9月5日-9月6日  
5-6th, September 2019





# 第一天 2019年9月5日，星期四

8:00 签到注册&交换名片

8:50 开幕词

9:00 无废城市目标下城乡垃圾分类的政策

**常纪文**  
研究员  
国研中心资环所

9:30 循环利用与无废城市建设给化工固废治理及化学品安全带来新机遇和挑战

- 促进循环利用的背景—生态文明、绿色发展
- 无废城市建设的抓手—循环利用、提高资源化率
- 化工行业环境治理瓶颈—循环利用、清洁生产、节能减排

**曲睿晶**  
副主任  
国家两网融合协作体

10:00 中国“无废城市”建设下的产业新机遇及国际零废建设经验

- 全球“零废城市”发展进程
- 中国“无废城市”建设现状
- 国际零废建设经验
- 我国无废产业新机遇

**李乃丹**  
副总经理  
中国天楹股份有限公司

13:30 大容量垃圾焚烧炉排技术挑战与应对

- 背景介绍
- 技术挑战
- 解决方案结论

**韩亚玲**  
销售经理  
吉宝西格斯

14:00 精细化管理在垃圾焚烧发电厂的应用

- 生产运营管理
- 安全与环境管理
- 信息化建设
- 企业文化与社会责任
- 结语，精细化管理：没有惊天动地，只有点点滴滴

**吴凯**  
董事兼运营总监  
光大环保（中国）有限公司

14:30 维美德生活垃圾能源转化技术：高效的废弃物能源转化

- 维美德大规模生活垃圾直燃技术及案例
- 维美德生活垃圾直燃小型模块化热电站技术
- 维美德大规模生活垃圾气化技术及案例

**辛博**  
高级经理  
维美德

10:30 茶歇

15:00 茶歇

10:45 用于干法烟气净化的碳酸氢钠研磨系统

- 碳酸氢钠烟气净化工艺
- 细川阿尔派空气分级磨APP
- APP研磨系统的结构
- APP研磨系统的运行模式和控制

**Christian Franz**  
中国区销售负责人  
细川阿尔派股份公司

15:20 有机废弃物综合利用的战略思考

- 多元化价值是国情
- 生态化利用是方向
- 网络化平台是趋势

**曹曼**  
总经理  
青岛天人环境

11:15 先进的干法和半干法烟气处理解决方案

- 最新的排放规定和气体污染物清除
- 使用配制的氢氧化钙，通过干法吸附酸性气体
- 使用碳酸氢钠，通过干法吸附酸性气体
- 吸附重金属和去除二噁英
- 比较FGT概念

**王沫**  
销售副总经理  
鲁尔过滤（苏州）有限公司

15:50 如何协助城市生活垃圾管理部门做好垃圾分类、收集和运输工作？

**罗伟**  
副总经理  
北京环卫集团

11:45 生活垃圾焚烧炉渣干法分选及资源化利用技术

- 国内生活垃圾焚烧炉渣处理概况
- 生活垃圾焚烧炉渣干法分选技术研究
- 生活垃圾焚烧炉渣资源化利用技术研究

**梁勇**  
技术部主任  
首钢环境产业有限公司

16:20 圆桌讨论：垃圾分类正在进行时，环保企业机遇与挑战！

- “无废城市”建设落地的关键环节与挑战
- “互联网+”或许能助力中国垃圾分类
- “垃圾分类”怎样如何协同助力中国的“垃圾处理”
- “垃圾分类”措施的逐渐实施，环保企业的前景展望

**主持人：黄小山**  
**罗伟** 副总经理 北京环卫集团  
**徐源鸿** 总经理 北京爱分类环境有限公司  
**曲睿晶** 副主任 国家两网融合协作体

12:15 午餐

17:20 会议结束

## 第二天 2019年9月6日，星期五

### 9:00 瀚蓝环境股份有限公司

- 系统介绍
- 大项目设计
- 旧改项目建设
- 更高资源化的探索

**李罕**  
固废事业部副总经理  
瀚蓝环境

### 13:30 固危废领域技术创新模式探讨

- 经济发展的源动力
- 固危废技术的三个层次
- 技术创新的逻辑推动
- 技术创新的趋势与方式

**高明**  
研究院院长  
北京东方园林

### 9:30 垃圾分选技术和EMBT，垃圾最大资源化技术

- 生活垃圾处理领域的挑战和机遇
- 生活垃圾分类技术浅析
- 生活垃圾的处理和资源化

**常燕青**  
副总经理  
江苏维尔利环保科技股份有限公司

### 14:00 危废等离子体气化熔融处置技术研究及工程实践

- 危险废物等离子体气化熔融工艺原理介绍
- 危废等离子体气化熔融技术发展契机及市场展望
- 危废等离子体气化熔融技术工程实践问题及难点
- 等离子体气化熔融工程实践问题最新解决思路与方案

**张春飞**  
总工程师  
西安航天源动力工程有限公司

### 10:00 云南水务有机固废热解碳化技术及其产物应用

- 公司概况
- 生物炭的应用价值及研究进展
- 云水热解碳化技术；
- 总结

**兰玉顺**  
固废技术部总工  
云南水务投资股份有限公司（北京中心）

### 14:30 含重金属固危废的资源化综合利用环境服务

- 含重金属固危废产生现状及背景
- 资源化利用全流程处理工艺技术创新发展
- 含重金属固危废环境服务

**林琳**  
公共事务总监  
鑫联环保科技股份有限公司

10:30 茶歇

15:00 茶歇

### 10:50 危废综合处置实践与发展趋势

- 主流危废处置工艺技术
- 危废处置中心与化工园区
- 危险废物处置技术发展趋势
- 实践中几点感受和理念

**江健**  
技术支持及研究中心 高级工程师  
启迪桑德

### 15:30 水泥窑协同处置危险废弃物

- 我国危废处置现状分析
- 应用热盘炉技术协同处置危险废弃物技术介绍
- 水泥窑协同处置危险废弃物的特点

**泥卫东**  
董事长  
蓝天众成环保工程有限公司

### 11:20 当代危险废物合理化处置的运营管理

- 危险废物进厂系统化的采样与分析
- 危险废物流程化的接收、贮存及预处理方式
- 危险废物多元化的处置技术

**苗浩**  
危废产业部总经理  
首创环境控股有限公司

### 16:00 水泥窑协同处置危险废物项目投资及运营管控

- 我国水泥窑协同处置危险废物项目发展现状
- 水泥窑协同处置危废项目各种工艺组合投资
- 水泥窑协同处置危废运营管控

**刘科**  
董事、执行总经理  
山东美森资源综合利用有限公司

11:50 午餐

16:30 会议结束

# Day One Thursday September 5th, 2019

**8:00 Registration and networking**

**8:50 Opening speech**

**9:00 Policy**

**9:30 New Opportunities and Challenges Brought by Recycling and Zero-Waste City Construction to Chemical Solid Waste Treatment and Chemical Safety**

- Background of Promoting Recycling -- Ecological Civilization and Green Development
- Focus of Zero-waste City Construction -- Recycling and Improvement of Resource Recovery
- Bottleneck of Environmental Governance in the Chemical Industry -- Recycling, Clean Production, Energy Conservation and Emission Reduction

**Ruijing Qu**

**Deputy Director**

**National Integration Collaboration of Two Networks**

**10:00 Industrial Opportunities under the Construction of Chinese "No Waste City"**

- Global Development of "ZERO WASTE"
- "NO WASTE" in China
- International experiences in "ZERO WASTE"
- Industrial Opportunities in China under the development of "No Waste City"

**Naidan Li**

**Deputy Manager**

**China Tianying Inc.**

**10:30 Break/Networking**

**10:45 Sodium bicarbonate grinding system for flue gas purification**

- Process of flue gas cleaning with sodium bicarbonate
- HOSOKAWA Alpine Powderplex Classifier Mill APP
- Configuration of an APP grinding plant
- Plant operation and control of an APP grinding plant
- Operating costs using the example of a plant

**Christian Franz**

**Projects and Sales Manager China**

**HOSOKAWA Alpine**

**11:15 Advanced dry and semi-dry flue gas treatment solutions**

- Up-to-date Emission Regulation and removal of gaseous pollutants
- Acid gas removal with conditioned dry sorption  $\text{Ca}(\text{OH})_2$
- Acid gas removal with dry sorption  $\text{NaHCO}_3$
- Adsorption Heavy metal removal and Dioxins
- Comparison of selected FGT concepts

**Mo Wang**

**Sales Deputy Manager**

**LUEHR FILTER GmbH**

**11:45 Dry Treatment and Resource Utilization Technology of MSW Incinerator Slag**

- Overview of MSW Incinerator Slag in China
- Research on Dry Treatment Technology of MSW Incinerator Slag
- Research on Resource Utilization of MSW Incinerator Slag

**Yong Liang**

**Technical Director**

**Shougang Environment Industry Co., Ltd**

**12:15 Luncheon**

### 13:30 Upscaling of combustion grate, Technical Challenges & Solution

- Background
- Large MSW incineration grate challenges
- Solution & Conclusion

**Helen Han**  
**Sales Manager**  
**Keppel Seghers**

### 14:00 Application of Refined Management in Waste Incineration Power Plant

- Production and Operation Management
- Safety and Environment Management
- Information Construction
- Corporate Culture and Social Responsibility
- Conclusion: Refined Management: Not earthshaking, but only delicate details

**Kai Wu**  
**Director and Director of Operations**  
**Everbright Environment (China) Co., Ltd.,**

### 14:30 Valmet MSW to energy Technologies: High Efficiency Energy Production from Waste

- Valmet MSW combustion technology and reference
- Valmet RecycPower Plant technology
- Valmet MSW gasification technology and reference

**Xin Bo**  
**Senior Manager**  
**Valmet**

15:00 Break/Networking

### 15:20 Strategic thinking on comprehensive utilization of organic waste

- Diversified value is the national condition
- Ecological utilization is the direction
- Networking platform is the trend

**Man Cao**  
**CEO**  
**Qingdao Tianren Environment Co.,Ltd**

### 15:50 How to provide assistance for the administrative department for municipal domestic garbage in the garbage classification, collection and transport

**Wei Luo**  
**Deputy Manager**  
**BEIJING HUANWEI**

### 16:20 Round-table discussion: the rubbish classification is in progress and the environmental enterprises are facing opportunities and challenges.

- The critical link and challenges of the implementation of the building of waste-free cities
- Internet+ may boost the rubbish classification in China
- How rubbish classification synergistically boosts rubbish treatment in China
- The gradual implementation of rubbish classification and the forward look of the prospect of environmental enterprises.

**Host: Xiaoshan Huang**  
**Wei Luo, Deputy Manager, BEIJING Manager**  
**Yuanhong Xu, CEO, BEIJING AIFENLEI ENVIRONMENT CO., LTD**  
**Ruijing Qu, Deputy Director, National Integration Collaboration of Two Networks**

17:20 End

## Day Two Friday September 6th, 2019

### 9:00 The Exploring of Optimized disposal of kitchen waste

- Introduction of system
- Design of large project
- Construction of old renovation project
- Exploration of higher resource utilization

**Han Li**

**VP of Solid Waste Dept.**

**Grandblue Environment Inc.**

### 9:30 Discussions on Domestic Waste Resource Utilization and Advanced Treatment Technology

- 01
- 02
- 03

**Yanqing Chang**

**Deputy General Manager**

**Jiangsu Welle Environmental Co.,Ltd**

### 10:00 Organic Solid Waste Heat Pyrolysis Carbonization Technology of Yunnan Water and Application of Its Products

- Company Profile
- Application Value and Research Progress of Biochar
- Pyrolytic Carbonization Technology of Yunnan Water
- Summary

**Yushun Lan**

**Chief engineer of solid waste technology department**

**Beijing center of Yunnan Water Company**

### 10:30 Break/Networking

### 10:50 Practice and Development Trend of Comprehensive Disposal of Dangerous Wastes

- Mainstream Hazardous Waste Disposal Technology
- Hazardous Waste Disposal Center and Chemical Industry Park
- Developing Trend of Hazardous Waste Disposal Technology
- Some Feelings and Ideas in Practice

**Jian Jiang**

**Technical Support and Research Center Senior Engineer**

**TUS-SOUND ENVIRONMENTAL RESOURCES CO., LTD**

### 11:20 Operation management of reasonable disposal of current dangerous wastes

- Systematic sampling and analysis of incoming dangerous wastes
- Process-based reception, storage, and pre-treatment of dangerous wastes
- Diversified treatment technologies for dangerous wastes

**Hao Miao**

**GM of Dangerous Waste Industry Department**

**Capital Environment Holdings Limited**

### 11:50 Luncheon

### 13:30 The Discussions on Patterns of Technological Innovation in Municipal and Hazardous Waste Treatment

- The Engine of Economic Development
- Three Technological Layers of Municipal & Hazardous Waste Treatment
- The Logic behind Technological Innovation
- The Pattern and Trend of Technological Innovation

**Ming Gao**

**Vice President and Acting President of the Institute of Hazardous Wastes  
Beijing Orient Landscape & Environment Co.,Ltd.**

### 14:00 Multi- technique Collaborative Plasma Hazardous Waste Disposal System

- Introduction of Plasma Hazardous Waste Disposal System
- Key Core Equipment of Plasma Hazardous Waste Disposal System
- Collaborative application of Plasma Hazardous Waste Disposal System

**Weichong Zhong**

**Deputy General Manager**

**Xi'an Aerospace Yuan Dongli Engineering Co., Ltd.**

### 14:30 Integrated resourceful utilization and environmental service of hazardous solid waste with heavy metal

- Current situation and background of hazardous solid waste with heavy metal
- Innovative development of full-process processing technology of resourceful utilization
- Environmental service for hazardous solid waste with heavy metal

**Lin Lin**

**Director of Public Affairs**

**GreenNovo Environmental Technology Co., Ltd**

### 15:00 Break/Networking

### 15:30 Coordinated Disposal of Hazardous Waste in Cement Kiln

- Analysis of the current situation of disposal of hazardous waste in China
- Introduction to the coordinated disposal technology of hazardous waste with hot plate furnace
- Characteristics of the coordinated disposal of hazardous waste in cement kiln

**Weidong Ni**

**Chariman**

**Sino Environment Proection Engineering Technology.Co.,ltd**

### 16:00 Investment and Operation of Hazardous Waste Co-processing in Cement Kiln

- Current Status of Hazardous Waste Co-processing in Cement Kiln in China
- Investment of Various Combinations of Processes in Hazardous Waste Co-processing in Cement Kiln
- Operation, Management and Control of Hazardous Waste Co-processing in Cement Kiln

**Ke Liu**

**Director, Executive General Manager**

**Shandong MeiSen Resources Comprehensive Utilization Co., Ltd**

### 16:30 End

# 第一天 2019年9月5日，星期四

**8:00 签到注册&交换名片**

**8:50 开幕词**

**9:00 挥发性有机污染物污染场地健康风险评估案例**

- 我国风险评估发展历程
- 问题分析
- 精细化风险评估应用

**周友亚**  
研究员  
中国环境科学研究院

**9:30 AVA公司的高温真空处理工艺 -- 有效清除受污染的土壤和污泥中的有成分**

- 精确分离有害成分，变废为宝
- 采用真空技术，能效高
- 使用寿命长，维护简便 -- 坚固的机器设计

**周宏本博士**  
销售经理  
德国AVA公司

**10:00 存量污染物（源）治理及其堆填场地修复技术与工程实践**

- 中国的存量污染物（源）类型与规模
- 存量污染物（源）填埋场地调查与风险评估
- 存量生活垃圾及其衍生污染物处理与处置技术
- 存量生活垃圾填埋场地修复技术

**王颀军**  
行业总监  
中节能大地环境修复有限公司

**13:30 工业污染场地修复技术及工程应用**

随着我国产业结构升级和城市布局调整以及房地产行业的迅速崛起，导致城市中大量工业企业进行搬迁，这些搬迁遗留的工业企业污染场地的环境问题备受重视，同时这些污染场地也已经成为我国许多城市土地资源安全再利用的限制因素。本报告针对工业污染场地的污染特点及分布，介绍了工业污染场地常用修复技术；结合实际案例，介绍了工业污染场地常用修复技术的工程应用情况以及实际应用中存在的问题。

**苗竹**  
设计管理部经理  
北京高能时代环境技术股份有限公司

**14:00 基于螯合剂的重金属污染土壤的可持续修复**

- 开发新的EDTA和工艺水再循环方法以及ReSoil技术扩展
- ReSoil的可持续性：解决环境、经济和社会问题
- ReSoil技术修复土壤示范园和试验园
- ReSoil应用：射击场、工业棕地以及城市农业

**Domen Leštan**  
世界著名生态学、环境工程专家  
ReSoil

**14:30 土壤淋洗技术处理多环芳烃土壤的案例分析**

- 不同因素对淋洗效果的影响分析
- 淋洗废水工艺筛选
- 土壤淋洗技术的系统集成与思考

**姚珏君**  
教授级高工  
北京市环境保护科学研究院

**10:30 茶歇**

**15:00 茶歇**

**10:45 我国土壤重金属污染修复工程技术现状及产业化思考**

- 各地土壤重金属污染治理修复示范工程案例分析
- 我国土壤重金属污染治理与治理面临的技术挑战、修复模式及困惑
- “分级、分区、分类”治理污染土壤实践和策略

**周静**  
研究员  
中国科学院南京土壤研究所

**15:20 原位热脱附的市场应用性及案例分析**

- 原位热脱附的技术类别及原理
- 原位热脱附的市场应用性
- 案例分析

**斯克诚**  
修复中心总工程师  
永清环保股份有限公司

**11:15 污染场地监控自然衰减技术的原理与应用**

- 监控自然衰减技术的兴起
- 监控自然衰减的基本概念
- 本人的一个中试研究案例
- 监控自然衰减的主要方法手段

**马杰**  
副教授、博士生导师  
中国石油大学（北京）化学工程学院

**15:50 原位热脱附技术与装备研发及工程应用**

- 系统介绍热脱附知识体系。
- 热脱附工艺研发及设备制造介绍
- 自主研发原位热脱附设计软件分享
- 案例分享

**张海秀**  
研究院 副院长  
杰瑞环保集团

**11:45 午餐**

**16:20 会议结束**



## 第二天 2019年9月6日，星期五

### 9:00 我国的土壤监测与评价

- 国际监测经验
- 我国工作现状
- 监测工作建议

**陆泗进**  
博士/土壤室业务主管  
中国环境监测总站

### 13:30 避免修复后期污染物浓度严重反弹的修复策略和技术

- 修复后期污染物浓度反弹的原因
- 应对污染物浓度反弹的修复策略
- 应对污染物浓度反弹的修复技术

**刘宝蕴**  
副总经理  
博川环境修复（北京）有限公司

### 9:30 金属矿山生态修复工程技术与产业化发展思考

- 金属矿山废弃地破坏方式与类型
- 金属矿山废弃地生态修复技术及应用实践
- 金属矿山固体废弃物资源化
- 金属矿山生态修复工程产业化思考

**王琼**  
教授  
北京矿冶研究总院环境工程研究所

### 14:00 大型污染场地环境水文地质调查应用探讨

- 大型场地环境污染特征分析
- 大型污染场地水文地质概念模型构建要求
- 污染场地水文地质勘查工作关注要点
- 案例分析

**魏文侠**  
副研究员  
轻工业环境保护研究所  
(北京北科土地修复工程技术研究中心)

### 10:00 云南水务有机固废热解碳化技术及其产物应用

- 项目背景介绍
- 修复技术路线
- 中试成果分析
- 项目成果建议

**王湘徽**  
常务副总  
上海康恒环境修复有限公司

### 14:30 土壤与地下水修复工程新型材料与修复药剂的开发

- 污染土壤与地下水的修复应协同进行
- 材料与药剂是影响修复效果的重要因素
- 新型材料与药剂的开发推动绿色可持续修复技术的发展

**卢晓霞**  
副教授  
北京大学城市与环境学院

10:30 茶歇

15:00 茶歇

### 10:50 土壤重金属修复剂

- 纳米修复剂的研制；
- 纳米修复剂对重金属离子迁移转化的调控；
- 纳米修复剂对重金属离子生物有效性的控制作用

**蔡冬清**  
研究员  
中科院合肥物质科学研究院

### 15:30 大型污染场地修复工程案例分享

- 行业法律、法规和市场情况分析
- 大型污染场地广州油制气厂修复项目案例分享——异位集成修复技术
- 大型污染场地苏化2号地块案例分享——原位集成修复技术
- 修复项目前期、治理与修复过程及修复效果评估和安全再利用全过程管理的总结与讨论

**杨勇**  
副总经理兼总工程师  
中科鼎实环境工程股份有限公司

### 11:20 大型复杂化工污染场地及地下水治理思路与设备研发

- 大型复杂化工污染场地及地下水的环评
- 污染土壤治理及配套工作思路
- 有机污染场地治理设备的研发

**朱红祥**  
博士生导师技术研发总监  
广西博世科环保

### 16:00 氯代烃污染地下水修复技术及工程案例分析

- 工程案例背景简介
- 修复技术介绍
- 修复工艺及设备介绍

**曲丹**  
战略规划与研发部经理  
宝航环境修复有限公司

11:50 午餐

16:30 会议结束

# Day One Thursday September 5th, 2019

**8:00 Registration and networking**

**8:50 Opening speech**

**9:00 introduction of cases on health hazard evaluation on sites polluted by volatile organic pollutants**

- The hazard evaluation development history in China;
- Problem analysis;
- Cases of fine evaluation application of hazards;

**Youya Zhou**

**Researcher**

**Chinese Research Academy of Environmental Sciences**

**9:30 AVA Thermal cleaning process to remove hazardous components from contaminated soil and sludge**

- More than waste - recovering valuable resources
- Vacuum technology as the key to an energy-efficient process
- Low maintenance and long service life – robust machine design

**Dr. Hongben Zhou**

**sales manager**

**AVA GmbH & Co. KG**

**10:00 Technologies & Engineering for Landfilled Pollutant (Pollution Resources) Disposal**

- Landfilled Pollutant (Pollution Resources) Type and Scale in China
- The Site investigation and Risk Evaluation of Landfilled Pollutant Site
- Treatment and Disposal Technologies for Landfilled Municipal Solid Waste (MSW)
- Remediation Technologies for The Site of Landfilled Municipal Solid Waste(MSW)

**Tingjun Wang**

**Industry Director**

**CECEP DADI Environmental Remediation Co.,Ltd**

**10:30 Break/Networking**

**10:45 Project Cases of Soil Heavy Metal Pollution Remediation and Control and Technology and Industrialization Problems**

- Implementation of Soil Pollution Remediation and Control Project
- Description of Soil Pollution Remediation Project Mode through Cases
- Questions on Soil Pollution Remediation and Control Project
- Research Focuses of Soil Heavy Metal Pollution Remediation

**Jing Zhou**

**Researcher**

**Institute of Soil Science, Chinese Academy of Sciences**

**11:15 Principles and applications of monitoring natural attenuation technology at contaminated site**  
**Subtitles of report contents**

- Rising of monitoring natural attenuation technology
- Basic concepts in monitoring natural attenuation
- My pilot study case
- Main methods and means in monitoring natural attenuation

**Jie Ma**

**Professor of Environmental Engineering**

**College of Chemical Engineering, China University of Petroleum (Beijing)**

**11:45 Luncheon**

### 13:30 The restoration technology and engineering application of industrially polluted land

The industry structure upgrading, urban layout adjustment and rapid rise of real estate in China lead to relocation of a number of industrial enterprises in cities, the environmental problem left by which of land pollution by industrial enterprises draws great attention. At the same time, the landpolluted has become the constraint to the safe reuse of urban land resource in China. In view of the pollution features and distribution of industrially polluted land, introduces the common restoration technologies for industrially land; based on true cases, it also introduces the engineering application of common restoration technologies for industrially polluted land and the problems in the actual applications.

**Zhu Miao**  
**Design Management Manager**  
**Beijing GeoEnviron Engineering & Technology,Inc.**

### 14:00 A sustainable chelator-based remediation of heavy metals contaminated soils

- Development of novel EDTA & process water recycling method and scale-up of ReSoil technology
- ReSoil sustainability: tackling environmental, economic and social issues
- Demonstrational & experimental gardens with ReSoil-remediated soil
- ReSoil applicability: from shooting grounds, industrial brownfields to urban agriculture

**Domen Leštan**  
**Professor;A world-famous expert in ecology and environmental engineering**  
**Resoil**

### 14:30 A case study on the treatment of pahs soil by soil leaching technique

- Analysis of the influence of different factors on the washing effect
- Screening of washing wastewater
- Systematic integration and consideration of soil washing technology

**Juejun Yao**  
**Professor-level senior engineers**  
**Beijing Municipal Research Institute of Environmental Protection**

### 15:00 Break/Networking

### 15:20 The Applicability of In-Situ Thermal Desorption in Remedial Market and Case Studies

- Introduction of In-Situ Thermal Desorption
- The Applicability of In-Situ Thermal Desorption in Remedial Market
- Case Studies

**Dr. Ken Tse**  
**Chief engineer of the remediation center**  
**Yonker Environmental Protection Co.,Ltd**

### 15:50 R&D and Applications of Thermal Desorption

- The introduction of the thermal desorption
- R&D of in-site thermal desorption
- Sharing of in-site thermal desorption design software
- Sharing case of in-site thermal desorption

**Haixiu Zhang**  
**Vice Dean of Academy**  
**Jereh-Env**

### 16:20 End

## Day Two Friday September 6th, 2019

### 9:00 Monitoring and evaluation of soil in China

- International monitoring experience
- The work status quo in China
- Proposals on the monitoring work

**Sijin Lu**

**Doctorate bearer/Soil lab business Supervisor  
China National Environmental Monitoring Center**

### 9:30 Engineering Technology for Ecological Restoration and Industrialization Development in Metal Mines

- Destroy modes and types of metal mine wastelands
- Application of ecological restoration in metal mines
- Utilization of Solid waste resources from metal mines
- Industrialization development of ecological restoration project in metal mines

**Qiong Wang**

**Professor**

**Department of Environmental Engineering, Beijing Research Institute of Mining and Metallurgy**

### 10:00 Case Sharing on Remediation of Contaminated Soils and Groundwater in Production Enterprises

- Introduction to Project Background
- Repair of Technical Route
- Analysis of Pilot-scale Test Results
- Proposal on Project Results

**Xianghui Wang**

**Executive Vice-President**

**SUS REMEDIATION**

### 10:30 Break/Networking

### 10:50 Repair agent of heavy metals in soil

- Development of nanometer repair agent;
- Regulation of nanometer repair agent for migration and transformation of heavy metal ions;
- Control of bio-availability for heavy metal ions by nanometer repair agent

**Dongqing Cai**

**Researcher**

**Hefei Institute of Material Science, Chinese Academy of Sciences**

### 11:20 Treatment of Large-Scale Complex Chemical Pollution Site and Groundwater and Equipment Research and Development

- Risk assessment of large-scale complex chemical pollution site and groundwater
- Contaminated soil management and supporting work ideas
- Research and development of equipment for the treatment of organic pollution site

**Hongxiang Zhu**

**R&D Director**

**Guangxi Bossco Environment Protection Technology Co., Ltd**

### 11:50 Luncheon

### 13:30 Remedial Strategy and Technology Preventing Severe Rebounding of Pollutant Concentration in the Later Period of Remediation

- Reasons for concentration rebounding of pollutants in the later period of remediation
- Remedial strategy in response to concentration rebounding of pollutants
- Remedial technology in response to concentration rebounding of pollutants

**Baoyun Liu**  
**Deputy General Manager**  
**Bochuan Environmental Restoration (Beijing) Co., Ltd**

### 14:00 Discussion on Application of Environmental Hydrogeological Survey in Large Contaminated Sites

- Analysis on Characteristics of Environmental Contamination of Large-scale Sites
- Requirements for Constructing Hydrogeological Conceptual Model of Large Contaminated Sites
- Key Focuses in Hydrogeological Survey of Contaminated Sites
- Case analysis

**Wenxia Wei**  
**Deputy Researcher**  
**Environmental Protection Research Institute of Light Industry**

### 14:30 Development of New Materials and Remediation Agents for Soil and Groundwater Remediation Engineering

- The remediation of contaminated soil and groundwater should be coordinated
- Materials and agents are important factors influencing remediation effect
- Development of new materials and agents helps to promote the development of green and sustainable remediation technology

**Xiaoxia Lu**  
**Associate professor**  
**College of Urban and Environmental Sciences, Peking University**

## 15:00 Break/Networking

### 15:30 Topic: Case Sharing on Remediation of Large Contaminated Sites

- Analysis of industry laws, regulations and market conditions
- Case sharing on large contaminated site remediation project of Guangzhou Oil-Gas Plant—Ex-situ remediation technology
- Case sharing on large contaminated site of Block Suhua 2—In-situ remediation technology
- Preparation, treatment and remediation process and performance evaluation, and summary and discussion on safe-recycling management

**Yong Yang**  
**Deputy General Manager & Chief Engineer**  
**China State Science Dingshi Environmental Co.Ltd**

### 16:00 Restoration technology of chlorohydrocarbon-polluted underground water and engineering case analysis

- Brief introduction of engineering case background
- Introduction of the restoration technology
- Restoration process and equipment introduction

**Dan Qu**  
**Department of Strategic Planning and R&amp;**  
**BaoHang Environment Co.,Ltd**

## 16:30 End

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