

Agenda of SoilRem 2016

The 5th International Conference on Soil Pollution and Remediation



24-26 September, 2016
Hangzhou, China.



北京建工环境修复股份有限公司
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Welcome to
The 5th International Conference on Soil Pollution and Remediation
(SOILREM 2016)

Venue: Zhijiang Hotel

Address: No. 188-200, Moganshan Road, Gongshu District, Hangzhou, China.

Conference secretariat:

- Registration and accommodation:

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欢迎各位代表参加“第五届土壤污染与修复国际会议”

会议地点：之江饭店

地址：杭州市拱墅区莫干山路 188-200 号

会务联系人

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**The 5th International Conference on Soil Pollution and
Remediation**

September 24-26, 2016 Hangzhou China

Conference Agenda

Saturday September 24th

Arrival and on-site registration	10:00-21:00
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Sunday September 25th

Opening ceremony:(Reporting Hall 3rd floor)	
Opening ceremony Chaired by Prof. Yongming Luo	09:00-09:30
Group photo	09:30-10:00
Plenary session 1	
Co-chairs: Prof. Lee Newman & Prof. Zueng-sang Chen	
Prof. Yongming Luo / Present researches and future prospects on soil pollution and remediation in China	10:00-10:30
Prof. Ravi Naidu / Bioavailability reduction as a remedial strategy	10:30-11:00
Prof. Lizhong Zhu / Mitigation and remediation for organic contaminated soils	11:00-11:30
Ms. Yanli Gao / Ten-year review and prospect of industrial site remediation in China	11:30-12:00
Lunch	12:00-13:30

Note: Reporting Hall (3rd floor) is provided with facilities for simultaneous interpretation in Chinese and English throughout the conference.

Agenda of SOILREM 2016

Time	Reporting Hall (3 rd floor)	Room 201	Room 202	Room 301
	S1: Discussions on the law, regulation, policy, and market development and model of the industrial contaminated site remediation	S2: Remediation materials	S3: Environmental behavior of soil contaminants	S4: Metal speciation and bioavailability
Co-chairs	Prof. Yusuo Lin & Mr. Shupeng Li	Prof. Mengfang Chen & Prof. Miroslav Cernik	Dr. Susan Tandy & Prof. Jian Lu	Prof. Yanshan Cui & Dr. Xueyuan Gu
13:20-13:30	Prof. Yongming Luo / Opening remark			
13:30-14:00	Prof. Yusuo Lin / 20th anniversary for soil environment protection in China	Prof. Miroslav Cernik / Application of nanomaterials in soil and water remediation	Dr. Susan Tandy / Antimony in shooting range soil – an environmental problem in Switzerland	Prof. Yanshan Cui / In vitro assessment of soil arsenic metabolism by human gut microbiota
14:00-14:20	Prof. Ning Sun / The summary of the 12 th Five-Year Plan and the prospect of the 13 th Five-Year Plan for the soil pollution control	Dr. Youyuan Chen / Aging kinetics and mechanisms of mZVI particles in saline groundwater: H ₂ production and spectroscopic/microscopic evidence	Dr. Martin Urik / Biologically induced antimony leaching from manganese and ferric oxides - contribution of natural soil scavengers' biotransformation on mobility of toxic metals	Dr. Xueyuan Gu / Application of multi-surfaces speciation model in prediction of metal partition and bioavailability in soils
14:20-14:40	Mr. Shengda Gao / Development trend and investment and financing system of soil remediation industry	Dr. Petr Kvapil / Enhancement of zero valent iron use by electric field to remediate contaminated sites	Prof. Jian Lu / Fate of Emerging Contaminants in Soil-Plant Systems Irrigated with Reclaimed Water	Dr. Yunyu Pan / The use of multi-surface modeling approach to describe trace metal partitioning and speciation in soil
14:40-15:00	Prof. Shenfa Huang / The exploration and practice on soil environmental protection in the process of rapid urbanization of the megacity Shanghai	Prof. Tomoyuki Makino / The effect of various iron materials on arsenic dissolution from soil and its reaction mechanism	Dr. Ruichang Zhang / Effect of dissolved organic matter on transport of Titanium dioxide nanoparticles in saturated porous media under high salt condition	Dr. Liang Zhu / Physicochemical and microbial impacts for ethanol gasoline blends
15:00-15:20	Mr. Zaijiang Zhou / Deepen environmental management of contaminated sites to promote ecological civilization construction in Chongqing	Mr. Zhihao Hu / Reductive degradation of PFNA in groundwater using nano-scale zero valent iron	Dr. Guozhong Wu / Can we simulate the ageing process in the oil contaminated soils using molecular modelling?	
15:20-15:40	Tea break (Mid-size Hall, 1st floor)			

Agenda of SOILREM 2016

Time	Reporting Hall (3 rd floor)	Room 201	Room 202	Room 301
	S5: Evaluation of site investigation and risk assessment and standards of remediation	S6: Risk based land management	S3 (Cont.): Environmental behavior of soil contaminants	S7: Coastal zone soil pollution and remediation
Co-chairs	Prof. Lin Jiang & Prof. Fang Yu	Prof. Tomoyuki Makino & Dr. Yijun Yao	Prof. Fang Wang & Prof. Xingang Liu	Prof. Ming-hung Wong & Prof. Yongming Luo
15:40-16:10	Prof. Guanlin Guo / Environmental risk management for contaminated sites in China	Prof. Tomoyuki Makino / Risk management of heavy metal contamination in Japan	Prof. Fang Wang / Microbial degradation process of polycyclic aromatic hydrocarbons in the soil	Prof. Ming-hung Wong / Some emerging problems of coastal management of Hong Kong, with a focus on persistent toxic substances
16:10-16:30	Prof. Lin Jiang / Advance in health risk assessment methodology of brownfield sites in China	Dr. Guoqing Wang / Preliminary study on derivation of risk screening values for soil contamination using pair data of soil-rice samples from field investigation	Prof. Xingang Liu / Evaluation of the effects of activated carbon and biochar on the freely dissolved concentration of pesticide in water and sediments	Prof. Jihua Wu / Effect of oil contamination on soil microorganism and nematodes in the Yellow River estuarine wetlands
16:30-16:50	Prof. Fang Yu / Environmental damage assessment methods for soil and groundwater contamination	Dr. Jing Song / Derivation of environment criteria and standards for agricultural soils in China	Dr. Chaofeng Shen / Anaerobic bio-dechlorination of polychlorinated biphenyls in paddy soil	Dr. Lianzhen Li / Determining the fluxes of metal ions at the root surface of wetland plants using the scanning ion-selective electrode technique
16:50-17:10	Prof. Dongsheng Shen / The inspiration of toxicity and leaching test in the process of site risk assessment and remediation acceptance	Dr. Yijun Yao / Vapor intrusion risk assessments in China: a model-based strategy	Prof. Lee Newman / The effects of herbicide safeners on nickel uptake and toxicity in corn	Dr. Yuan Li / Occurrence of red clay layer in soil profiles of the Yellow River Delta: implications for accumulation of heavy metals
17:10-17:30	Prof. Tianxiang Xia / Preliminary environmental site assessment for the Integrated Steel Plant (ISP) in China	Prof. Paul Nathanail / Setting soil screening values: Socio-economic considerations	Ms. Xinghua Liu / Adsorption of oxytetracycline onto the particulate organic matter separated from the soils of different land types	Ms. Qian Zhou / Microplastics and mercury contents in a typical coastal wetland soil and sediment
17:30-18:20	Poster session 1 (Mid-size Hall, 1st floor)			
18:30-21:00	Dinner			

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Room 101			
S19 Special session for young scientists and students			
Co-chairs: Prof. Peter Christie & Prof. Alan Baker			
13:30-13:50	Dr. Liu Chen / Influence of biochar application on transport of dissolved organic matter (DOM) from sloping farmland entisol	15:50-16:00	Mr. Jicheng Xia / The agricultural regulation scheme for safety crops production at mercury mining area in Guizhou Province
13:50-14:10	Dr. Tong Zhou / Effects of particulate organic matter fraction and composition on cadmium and zinc distributions in long-term polluted paddy soils	16:00-16:10	Mr. Fande Meng / Removing cadmium from farmland soil by humic substances
14:10-14:30	Dr. Yue He / Effect of attapulgite on the restoration of a heavy metals contaminated farmland soil	16:10-16:20	Ms. Dan Liu / Effects of biochar on speciation and bioavailability of heavy metals in soils
14:30-14:50	Dr. Kai Yang / Current sources of lead and other heavy metals in urban soil in the mining town of Broken Hill, New South Wales, Australia after land remediation with cracker dust	16:20-16:30	Mrs. Avanthi Igalavithana / Lead and arsenic (im)mobilization and microbial community abundance in contaminated agricultural soils using slow pyrolyzed biochar
14:50-15:10	Dr. Peizheng Hong / Application of humic acid as soil amendment in degraded soil	16:30-16:40	Ms. Jie Ren / Stability Evaluation of metals in gypsum neutralized bauxite residue
15:10-15:20	Mr. Chuancheng Fu / Geostatistical interpolation of orchard soil available copper as influenced by planting duration	16:40-16:50	Ms. Meng Zhu / Solid-solution partitioning and thionation of diphenylarsinic acid in A flooded soil under the impact of sulfate and iron reduction
15:20-15:40	Tea break (Mid-size Hall, 1st floor)	16:50-17:00	Mr. Amjad Ali / Role of indigenous actinobacteria in phytoremediation of heavy metals and enzymatic activities in polluted soil
15:40-15:50	Ms. Wenting Dai / Research on the migration simulation of heavy metal Cr, Pb and Zn in soil of mining area	17:00-17:10	Mr. Imran Hussain / Plant growth and physiological developments influenced by physical effect of oil in freshly spiked soils

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Monday September 26th

Time	Reporting Hall (3 rd floor)	Room 201	Room 202	Room 301
	S8: Management and remediation of industrial contaminated sites (I)	S9: Bioremediation of organic pollutants	S10: Application of biochar in soil remediation	S11: Application of synchrotron radiation facility
Co-chairs	Prof. Wenhui Zhang & Dr. Roger Brewer	Prof. Jason White & Prof. Chunling Luo	Prof. Yong Sik Ok & Prof. Hongwen Sun	Prof. Lijuan Zhang & Prof. Yujun Wang
08:30-09:00	Mr. John Bierschenk / Advanced in situ and in pile thermal desorption technology and their application in site remediation	Prof. Jason White / The role of endophytes in the phytoremediation of persistent pesticides	Dr. Markus Puschenreiter / Immobilization of metals using biochar: results from a 2-Year greenhouse and field experiment	Prof. Lijuan Zhang / Scanning transmission X-ray microscopy and its potential applications in environmental science
09:00-09:20	Mr. Ethan Wu / Pollution prevention and management on soil and groundwater contamination at gas stations in Taiwan	Prof. Hongqi Wang / Trans-membrane transport theory and synergistic remediation technology for the bioremediation of oil polluted soil	Prof. Hongwen Sun / Application of biochar in the remediation of contaminated farmland	Prof. Yujun Wang / Adsorption Mechanism of Zn in Soils: insights into Wien effect measurement and EXAFS
09:20-09:40	Dr. Wan Hyup Kang / Application of soil washing system for heavy metals contaminated site in Korea	Dr. Manli Wu / Bioremediation of petroleum-contaminated soil in the in Northwest loess area of China: The influence factors and biological response	Prof. Yong Sik Ok / Impacts of vegetable waste and pine cone biochars on microbial communities and heavy metal immobilization in contaminated soils	Prof. Lili Zhang / Hard X-ray microfocusing beamline and its applications in environmental science
09:40-10:00	Mr. Shupeng Li / Combined application of multi-technology in the remediation of iron and steel smelting contaminated sites	Prof. Jiandong Jiang / Microbial catabolism of chemical herbicides and bioremediation of herbicide-contaminated sites	Prof. Hailong Wang / Immobilization of soil contaminants with biochar	Dr. Haibo Zhang / Synchrotron based X-Ray analysis for the chromium speciation in different particle size fractions of a weathered Chromate Ore Process Residues (COPR) enriched soil
10:00-10:20	Ms. Li Wei / Application and case study of barrier technology in soil and groundwater remediation	Prof. Chunling Luo / The risk assessment and phytoremediation of e-waste contaminated soils	Prof. Xiangyu Tang / Biochar application for soil quality improvement and organic pollution control on sloping purple soil farmland	Prof. Liping Li / Lead immobilization in contaminated soils and analysis with synchrotron
10:20-10:40	Tea break (Mid-size Hall, 1st floor)			

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Time	Reporting Hall (3 rd floor)	Room 201	Room 202	Room 301
	S8 (cont.): Management and remediation of industrial contaminated sites (II)	S12: Stabilization of metal contaminated site	S13: Stabilization of metal contaminated agricultural soils	S14: Ecological restoration and bioenergy
Co-chairs	Mr. John Bierschenk & Dr. Ken Tse	Prof. Michel Mench & Prof. Xinde Cao	Prof. Zueng-sang Chen & Prof. Xiangliang Pan	Prof. Nicholas Dickinson & Prof. N.V.M. Prasad
10:40-11:10	Prof. Wenhui Zhang / Site remediation technology research based on dynamic balance mechanism of organic contaminants in soil/water/air environmental system	Prof. Michel Mench / Pot testing of biochars, compost and iron grit, alone and in combination, in a copper-contaminated soil from a wood preservation site	Prof. Zueng-sang Chen / The Effects of soil amendments and water managements on the total concentration of cadmium and speciation of arsenic of rice grown in contaminated soils of Taiwan	Prof. Nicholas Dickinson / Soil remediation for agricultural improvement and ecological restoration in the New Zealand high country
11:10-11:30	Dr. Ken Tse / Introduction extreme soil vapor extraction (XSVE)	Prof. Xinde Cao / Immobilization of heavy metals in contaminated soils with phosphate-, carbonate-, and silicate-based amendments: mechanisms and applications	Dr. Marta Pogrzeba / Chemical stabilization as a tool to diminish heavy metals and arsenic bioavailability in highly contaminated soils	Prof. N.V.M. Prasad / Strategies and phytoapproaches for reclamation of uraniferous areas in Brazil
11:30-11:50	Mr. Dennis Tu / Remediation of a cVOC contaminated site via a treatment train approach – A case study	Mr. Tao Wang / Stabilization of hexavalent chromium contaminated soil using iron sulfide nanoparticles	Prof. Xiangliang Pan / Remediation of heavy metal pollution based on biomineralization	Prof. Ruyi Yang / The roles of species interaction in the remediation of heavy metal contaminated soils
11:50-12:10	Prof. Songhu Yuan / An overlooked contribution of hydroxyl radicals produced from Fe(II) oxygenation to contaminant transformation in subsurface environments		Dr. Qianfeng He / Cultivated land remediation technology and the third party management mode introduction	
12:10-13:30	Lunch			

Agenda of SOILREM 2016

Time	Reporting Hall (3 rd floor)	Room 201	Room 202	Room 301
	S15: Groundwater remediation	S16 Soil leaching and washing technology	S17: Phytoremediation of metal contaminated agricultural soils	S18: Management of polluted mega-site
Co-chairs	Dr. Youjian Chen & Dr. Jun Ma	Prof. Qitang Wu & Dr. Hailei Cao	Prof. Longhua Wu & Dr. Jianxu Wang	Prof. Deyi Hou & Prof. Piet Seuntjens
13:30-14:00	Dr. Linbo Qian / Pilot test of groundwater permeable reactive barrier (PRB) for a rare earth tailing dam	Prof. Qitang Wu / Advances in remediation of acid agricultural soils contaminated by heavy metals in South China	Prof. Longhua Wu / Progress on remediation of heavy metal polluted agricultural soils in China	Prof. Piet Seuntjens / Evaluation of remedial actions and the status of water bodies in an area contaminated by Cd and Zn resulting from soil pollution caused by historic smelter emissions in Belgium
14:00-14:20	Dr. Yonghai Jiang / Research and application of the multi-layer enhance technology of groundwater remediation	Dr. Zhongbing Lin / Extraction of cadmium from polluted soil using five leaching agents	Prof. Barbara Zeeb / Novel low-cost remediation technologies for metal contaminated agricultural soils (presented by Ms. Carolina Dahmer)	Prof. Deyi Hou / Sustainable remediation of contaminated soil
14:20-14:40	Dr. Youjian Chen / Application of groundwater model in industrial contaminated site remediation	Ms. Zhuo Guan / Effects of surfactant flushing on diesel-polluted purple soils	Dr. Jianxu Wang / Phytoextraction of mercury from contaminated soil	Dr. Ingeborg Joris / Metalert - an emergency response system for China for heavy metals in the environment (presented by Prof. Piet Seuntjens)
14:40-15:00	Dr. Jun Ma / Current status and future trend of China's groundwater remediation market	Dr. Hailei Cao / Rapid decontamination of mercury polluted soil using low temperature microwave assisted desorption	Dr. Feng Shen / Engineering practice of phytoremediation on heavy metals contaminated soil in Feng County, Shaanxi	Dr. Hongzhen Zhang / Practice of green and sustainable remediation, risk-based megasite management in China
15:00-15:20	Dr. Yong Wu / Groundwater contamination capture zone analysis	Dr. Qiang Jin / Error analysis of Langmuir used in sediments combined with site energy distribution		Dr. Johan Gemoets / In-situ zinc bioprecipitation with glycerol and vegetable oil in a high-flow aquifer
15:20-16:20	Poster session 2 (Mid-size Hall, 1 st floor)			
16:20-16:40	Tea break (Mid-size Hall, 1 st floor)			

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Plenary session 2: Reporting Hall (3rd floor)	
Co-chairs: Prof. Jason White & Prof. Tomoyuki Makino	
16:40-17:10	Dr. Roger Brewer / Expedited characterization and remediation of contaminated soil: lessons learned from thirty years of experience in the United States
17:10-17:40	Prof. Mengfang Chen / Soil and groundwater risk control and remediation of contaminated sites
17:40-18:10	Award ceremony and conference closure Chair: Prof. Jianming Xu
	Award presented by Prof. Alan Baker and Mrs. Yanli Gao
	Closing remarks by Prof. Yongming Luo
18:30-20:30	Dinner

第五届土壤污染与修复国际会议（SoilRem 2016）

2016 年 9 月 24-26 日 中国 杭州

会议日程

9 月 24 日 星期六

现场注册	10:00-21:00
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9 月 25 日 星期日

开幕式（三楼报告厅）	
开幕式（骆永明研究员主持）	09:00-09:30
合影	09:30-10:00
全体会议 1	
主持人: Lee Newman 教授 & 陈尊贤 教授	
骆永明 研究员 / 中国土壤污染与修复研究 进展与展望	10:00-10:30
Ravi Naidu 教授 / 把生物有效性降低作为 一种修复策略	10:30-11:00
朱利中 教授 / 有机污染土壤缓解与修复	11:00-11:30
高艳丽 女士 / 中国工业污染场地修复十年 回顾与展望	11:30-12:00
午餐	12:00-13:30

注：整个会议期间三楼报告厅提供中-英同声传译

Agenda of SOILREM 2016

时间	三楼报告厅	201 会议室	202 会议室	301 会议室
	专题 1: 工业污染场地修复法律法规、政策及市场发展和模式探讨	专题 2: 修复材料	专题 3: 土壤污染物的环境行为	专题 4: 重金属形态和生物有效性
主持人	林玉锁 研究员 & 李书鹏 先生	陈梦舫 研究员 & Miroslav Cernik 教授	Susan Tandy 博士 & 吕剑 研究员	崔岩山 教授 & 顾雪元 博士
13:20-13:30	骆永明 / 开幕式发言			
13:30-14:00	林玉锁 研究员 / 中国土壤环境保护 20 年取得的积极进展	Miroslav Cernik 教授 / 纳米材料在土壤和水体修复中的应用	Susan Tandy 博士 / 射击场土壤中的镉——瑞士的一个环境问题	崔岩山 教授 / 利用人体肠道微生物进行土壤砷代谢的体外评价
14:00-14:20	孙宁 研究员 / 重金属污染防治十二五总结与十三五展望	陈友媛 博士 / mZVI 颗粒在含盐地下水中的老化动力学和机制: 氢气产生和光谱/微观证据	Martin Urik 博士 / 生物诱导铁锰氧化物中镉的流失——自然土壤食腐者的生物转化对有毒金属移动性的贡献	顾雪元 博士 / 多表面形态模型在土壤重金属分配及生物有效性预测中的应用
14:20-14:40	高胜达 先生 / 土壤修复产业的发展趋势和投融资体系	Petr Kvapil 博士 / 通过电场增强零价铁对污染场地的修复	吕剑 研究员 / 再生水灌溉下土壤-植物系统中新兴污染物的去向	潘云雨 博士 / 多表面模型在土壤微量元素分配及形态分析中的应用
14:40-15:00	黄沈发 先生 / 土壤环境保护在上海快速城市化过程中的探索实践	Tomoyuki Makino 研究员 / 不同的铁材料对土壤中砷的溶出及反应机理的影响	张瑞昌 博士 / 可溶性有机质对高盐条件下饱和多孔介质中二氧化钛纳米颗粒迁移的影响	朱亮 博士 / 物理化学和微生物对乙醇汽油混合物的影响
15:00-15:20	周在江 先生 / 深化污染场地环境管理助力生态文明建设	胡志豪 博士 / 纳米零价铁对地下水中全氟化合物的还原降解	吴国钟 博士 / 我们是否可以利用分子模型来模拟石油污染土壤中的老化过程?	
15:20-15:40	茶歇 (一楼中厅)			

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时间	三楼报告厅	201 会议室	202 会议室	301 会议室
	专题 5: 场地调查与风险损害评估及修复标准	专题 6: 基于风险的土地管理	专题 3 (Cont.): 土壤污染物的环境行为	专题 7: 海岸带污染与修复
主持人	姜林 研究员 & 於方 研究员	Tomoyuki Makino 研究员 & 尧一俊 博士	王芳 研究员 & 刘新刚 教授	黄铭洪 教授 & 骆永明 研究员
15:40-16:10	郭观林 研究员 / 中国污染场地环境风险管理	Tomoyuki Makino 研究员 / 日本重金属污染风险管理	王芳 研究员 / 土壤中多环芳烃的微生物降解过程	黄铭洪 教授 / 香港海岸管理存在的新兴问题——持久性有毒物质
16:10-16:30	姜林 研究员 / 中国棕地健康风险评估方法的进展	王国庆 博士 / 利用田间试验中成对的土壤-水稻数据进行土壤污染风险筛选值推导的初步研究	刘新刚 教授 / 活性炭和生物质炭对水和沉积物中自由溶解态农药浓度的效果评价	吴纪华 教授 / 黄河口湿地石油污染对土壤微生物及线虫群落的影响
16:30-16:50	於方 研究员 / 土壤和地下水污染中的环境损害评估方法	宋静 博士 / 中国农田土壤的环境基准值和标准的推导	沈超峰 博士 / 厌氧稻田土壤中多氯联苯的生物脱氯	李连祯 博士 / 利用扫描离子选择电极技术确定湿地植物根表面的金属离子通量
16:50-17:10	沈东升 教授 / 毒理和浸出试验在场地风险评估和修复验收过程中的启示	尧一俊 博士 / 中国蒸气入侵风险评估: 一种基于模型的策略	Lee Newman 博士 / 除草剂中安全剂对玉米镍吸收和毒性的影响	李远 博士 / 黄河三角洲土壤剖面红色粘土层的存在对重金属积累的影响
17:10-17:30	夏天翔 研究员 / 中国钢铁综合企业初步场地环境评估	Paul Nathanail 教授 / 基于社会经济考量的土壤筛选值制定	刘兴华 博士 / 不同土地类型下土壤颗粒态有机质对土霉素的吸附	周倩 女士 / 典型滨海湿地土壤和沉积物中的微塑料和汞含量
17:30-18:20	展板 1 (一楼中厅)			
18:30-21:00	晚餐			

Agenda of SOILREM 2016

101 会议室

专题 19: 青年科学家和学生专场

主持人 **Peter Christie** 研究员 & **Alan Baker** 教授

13:30-13:50	刘琛 博士 / 生物质炭应用对坡耕地土壤中可溶性有机质迁移的影响	15:50-16:00	夏吉成 先生 / 贵州省汞矿区农作物安全生产的农业治理方案
13:50-14:10	周通 博士 / 颗粒态有机质粒径大小和结构组成对稻田土壤中镉、锌分布的影响	16:00-16:10	孟凡德 先生 / 利用腐殖质去除农田土壤中的镉
14:10-14:30	何跃 博士 / 凹凸棒粘土对重金属污染农田土壤修复的影响	16:10-16:20	刘丹 女士 / 生物质炭对土壤重金属形态和生物有效性的影响
14:30-14:50	杨凯 博士 / 澳大利亚新威尔士布罗肯希尔的矿山城市土壤利用裂解炉尘修复之后的土壤中重金属的当前来源	16:20-16:30	Avanthi Igalavithana 女士 / 慢速热解炭对污染农田土壤中铅和砷的移动性和微生物群落的影响
14:50-15:10	洪丕征 博士 / 腐殖酸作为土壤改良剂在退化土壤中的应用	16:30-16:40	任杰 女士 / 石膏中和铝土矿残渣中金属的稳定性评价
15:10-15:20	付传城 先生 / 种植时间对果园土壤中有效铜克立格插值的影响	16:40-16:50	朱濛 女士 / 淹水土壤硫酸盐和铁还原对固液分离和硫代二苯肿酸的影响
15:20-15:40	茶歇（一楼中厅）	16:50-17:00	Amjad Ali 先生 / 土著细菌对重金属污染土壤植物修复和酶活性的作用
15:40-15:50	戴文婷 女士 / 矿区土壤中重金属铬、铅、锌的迁移模拟研究	17:00-17:10	Imran Hussain 先生 / 新鲜土壤中添加石油对植物生长和生理发育的影响

Agenda of SOILREM 2016

9 月 26 日 星期一

Time	三楼报告厅	201 会议室	202 会议室	301 会议室
	专题 8: 工业污染场地管理与修复 (I)	专题 9: 有机污染的生物修复	专题 10: 生物质炭在土壤修复中的应用	专题 11: 同步辐射装置的应用
主持人	张文辉 先生 & Roger Brewer 博士	Jason White 教授 & 罗春玲 研究员	Yong Sik Ok 教授 & 孙红文 教授	张丽娟 研究员 & 王玉军 研究员
8:30-09:00	John Bierschenk 先生 / 原位和桩基热脱附技术研究进展及其在场地修复中的应用	Jason White 教授 / 内生真菌在持久性农药的植物修复过程中产生的作用	Markus Puschenreiter 博士 / 生物质炭对重金属的固化作用: 两年的温室与田间试验结果	张丽娟 研究员 / 扫描透射 X 射线显微镜及其在环境科学中的应用
09:00-09:20	吴宗道 先生 / 台湾加油站污染场地土壤和地下水的保护与管理	王红旗 教授 / 石油烃污染土壤微生物修复跨膜运输理论与协同修复技术	孙红文 教授 / 生物质炭在污染农田修复中的应用	王玉军 研究员 / 土壤锌的吸附机制: 通过 Wien 效应测定和 EXAFS 手段深入探究
09:20-09:40	Wan Hyup Kang 博士 / 重金属土壤淋洗在韩国的应用	吴蔓莉 博士 / 中国西北黄土区的石油污染土壤生物修复: 影响因素和生物响应	Yong Sik Ok 教授 / 蔬菜废弃物和松球生物炭对污染土壤中微生物群落和重金属固化的影响	张丽丽 研究员 / 硬 X 射线的显微光束线及其在环境科学中的应用
9:40-10:00	李书鹏 先生 / 多技术联用修复钢铁冶炼企业污染场地	蒋建东 教授 / 微生物分解代谢化学除草剂以及除草剂污染场地的生物修复	王海龙 教授 / 生物质炭固定土壤污染物	章海波 博士 / 基于同步辐射的 X 射线分析富含风化铬矿石土壤中不同粒径中铬的形态
10:00-10:20	魏丽 女士 / 阻隔技术在土壤地下水修复中的应用及案例研究	罗春玲 研究员 / 电子垃圾污染土壤的风险评估与植物修复研究	唐翔宇 研究员 / 生物质炭在紫色土耕地土壤质量提高和有机污染控制方面的应用	李立平 教授 / 污染土壤中的铅固定以及同步加速器分析
10:20-10:40	茶歇 (一楼中厅)			

Agenda of SOILREM 2016

Time	三楼报告厅	201 会议室	202 会议室	301 会议室
	专题 8 (cont.): 工业污染场地管理与修复 (II)	专题 12: 重金属污染场地的稳定化	专题 13: 重金属污染农田土壤的稳定化	专题 14: 生态恢复和生物能源
主持人	John Bierschenk 先生 & 斯克诚 博士	Michel Mench 教授 & 曹心德 教授	陈尊贤 教授 & 潘响亮 教授	Nicholas Dickinson 教授 & N.V.M. Prasad 教授
10:40-11:10	张文辉 先生 / 基于动态平衡基质的土壤/水/空气环境系统中有机物的现场修复技术研究	Michel Mench 教授 / 木材保存点铜污染土壤生物炭、堆肥和铁砂单独或联合修复盆栽试验	陈尊贤 教授 / 土壤改良剂和水管理对台湾污染土壤上水稻体内全量镉以及砷形态的影响	Nicholas Dickinson 教授 / 新西兰山区土壤的农业改良和生态恢复
11:10-11:30	斯克诚 博士 / 极限土壤气相抽提技术	曹心德 教授 / 磷酸盐、碳酸盐和硅酸盐对土壤中重金属的固定: 机制和应用	Marta Pogrzeba 博士 / 重污染区化学稳定剂的使用来减轻重金属和砷污染	N.V.M. Prasad 教授 / 巴西含铀地区复垦的对策和植物方法
11:30-11:50	涂震江 先生 / 采用整治序列方案修复含氯污染场地案例分析	王涛 先生 / 纳米硫化铁在固定土壤中六价铬的应用	潘响亮 教授 / 基于生物矿化的土壤重金属污染修复	杨如意 教授 / 物种间相互作用在重金属污染土壤修复中的作用
11:50-12:10	袁松虎 教授 / 一个一直被忽略的贡献: 由 Fe(II) 氧化所产生的羟基自由基影响地下环境中污染物的转化		贺前锋 博士 / 耕地土壤的修复技术和第三方管理模式介绍	
12:10-13:30	午餐			

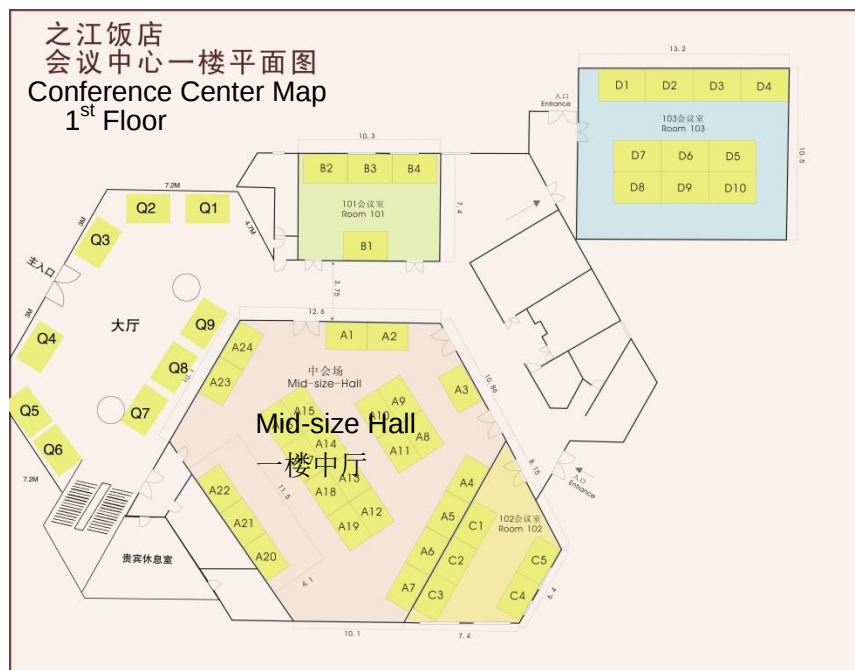
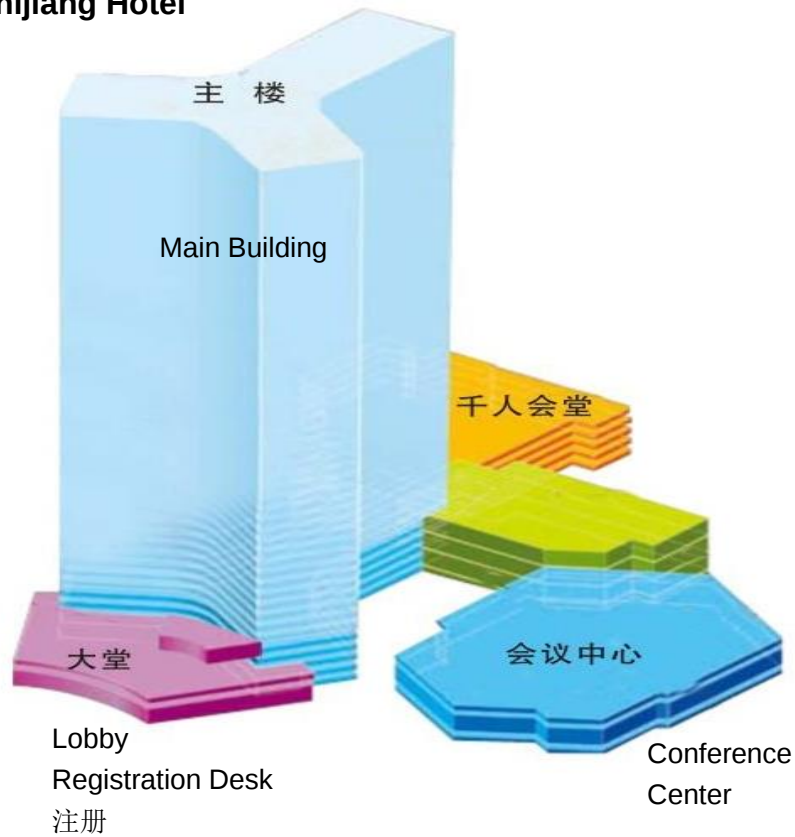
Agenda of SOILREM 2016

Time	三楼报告厅	201 会议室	202 会议室	301 会议室
	专题 15: 地下水修复	专题 16: 土壤淋洗技术	专题 17: 重金属污染农田土壤的植物修复技术	专题 18: 大型污染场地管理
主持人	陈有鑑 博士 & 马骏 博士	吴启堂 教授 & 曹海雷博士	吴龙华 研究员 & 王建旭 博士	侯德义 教授 & Piet Seuntjens 教授
13:30-14:00	钱林波 博士 / 渗透性反应墙在稀土尾矿坝的中试	吴启堂 教授 / 中国南方酸性农田土壤的重金属污染修复进展	吴龙华 研究员 / 中国农田土壤重金属污染修复进展	Piet Seuntjens 教授 / 比利时冶炼厂附近由于历史排放造成水体和土壤锌镉污染状况评估和修复措施评价
14:00-14:20	姜永海 博士 / 地下水多级强化技术研究与应用	林忠兵 博士 / 利用 5 种淋洗剂提取污染土壤中的镉	Barbara Zeeb 教授 / 新型低成本修复技术在重金属污染农田土壤上的应用 (Carolina Dahmer 女士汇报)	侯德义 教授 / 污染土壤的持续修复
14:20-14:40	陈有鑑 博士 / 工业污染场地修复中地下水模型的应用	关卓 女士 / 表面活性剂冲洗对柴油污染紫色土的影响	王建旭 博士 / 汞污染土壤的植物吸取修复研究	Ingeborg Joris 博士 / Metaler——一种对中国环境中重金属污染的应急响应系统 (Piet Seuntjens 教授汇报)
14:40-15:00	马骏 博士 / 中国地下水修复市场的现状和发展趋势	曹海雷 博士 / 汞污染土壤采用低温微波辅助解吸快速去污	沈锋 博士 / 陕西省丰县重金属污染土壤植物修复工程实践	张红振 博士 / 中国绿色可持续修复的实践和大型污染场地的风险管理
15:00-15:20	吴勇 博士 / 地下水污染捕获区的分析	靳强 博士 / 结合点位能量分布对沉淀物进行 Langmuir 误差分析		Johan Gemoets 博士 / 甘油和植物油在高流速含水层中原位锌的生物沉淀作用
15:20-16:20	展板 2 (一楼中厅)			
16:20-16:40	茶歇 (一楼中厅)			

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全体会议 2（三楼报告厅）	
主持人: Jason White 教授 & Tomoyuki Makino 研究员	
16:40-17:10	Roger Brewer 博士 / 土壤污染特征与修复：美国三十年的经验教训
17:10-17:40	陈梦舫 研究员 / 污染场地土壤与地下水风险管控与修复技术
17:40-18:10	颁奖仪式和会议闭幕 主持人：徐建明 教授
	颁奖嘉宾：Alan Baker 教授 & 高艳丽 女士
	闭幕发言：骆永明 研究员
18:30-20:30	晚餐

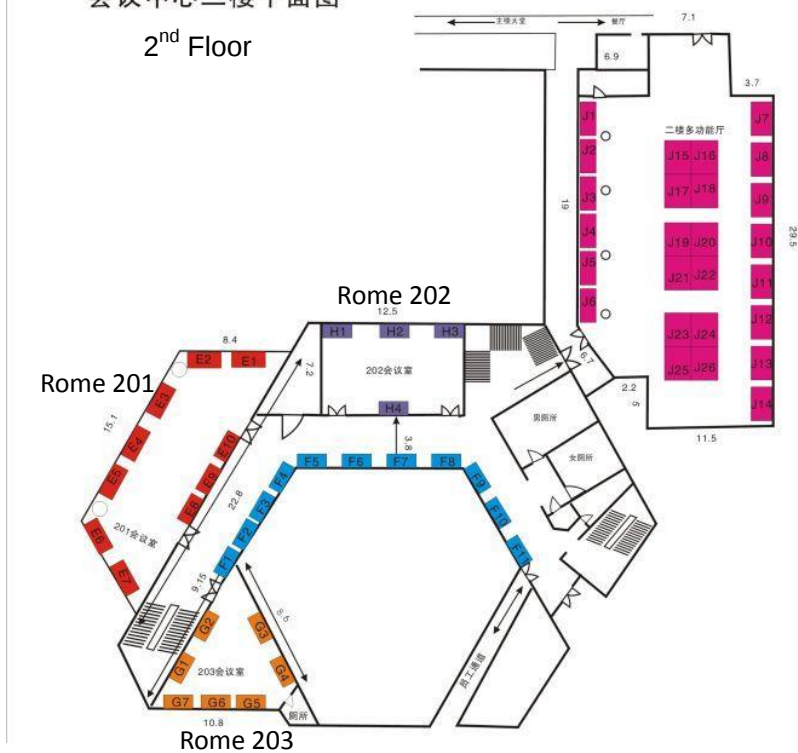
Zhijiang Hotel



会议中心二楼平面图

Rome 201

Rome 203



会议中心三楼平面图

Rome 301

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