研讨会议程

**时间：2024年11月23日上午 (Nov. 23, 2024)**

**地点：地大国际会议中心南楼一层多功能厅**

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| **开幕式****主持人：郭华明**（Huaming Guo） |
| 8:30-8:40 am | 校领导(President of the University) | 致辞(Address by President of the University) |
| **时间****(Beijing time)** | **报告人****(Speaker)** | **题目****(Presentation title)** |
| 8:40-9:00 am | 董海良(Hailiang Dong)中国地质大学（北京） | Mineral-Microbe Interactions and Applications in Environmental Remediation (Keynote) |
| 9:00-9:20 am | 文冬光(Dongguang Wen)中国地质科学院地质力学研究 | 我国主要地方病区地下水中砷氟形成机制及安全供水示范(Formation mechanisms of high arsenic and fluoride groundwater and safe water supply demonstration in typical endemic disease areas) (Keynote) |
| **茶歇、合影 (Break/ Group photo) (**9:20-9:40 am) |
| 主持人**：王广才** 中国地质大学（北京）**钱会** 长安大学**高旭波** 中国地质大学（武汉） |
| 9:40-10:00 am | 李思亮(Siliang Li)天津大学 | 喀斯特地球关键带水-氮耦合过程高频分析及其水环境效应(Water-nitrogen coupling processes in the karst critical zone and their roles in water environment) (Keynote) |
| 10:00-10:20 am | Dominic PapineauUniversity College London | Metabolic biosignatures of Earth’s oldest fossils from the Hadean-Eoarchean Nuvvuagittuq banded iron formation (Keynote) |
| 10:20-10:40 am | Varenyam Achal广东以色列理工学院 | Microbe-Mediated Carbonate Precipitation for Heavy Metal Immobilization in E-Waste (Keynote) |
| 10:40-10:50 am | 蒲生彦(Shengyan Pu)成都理工大学 | Dark formation of hydroxyl radicals at redox interfaces in subsurface environments (Invited) |
| 10:50-11:00 am | 杨晓帆(Xiaofan Yang)北京师范大学 | Pore-scale modeling of biofilm formation in heterogenous porous media (Invited) |
| 主持人：**庞忠和** 中国科学院地质与地球物理研究所**韩双宝** 中国地调局水环中心**郭芷琳** 南方科技大学 |
| 11:00-11:20 am | 金章东(Zhangdong Jin)中国科学院地球环境研究所 | 河水的非传统稳定同位素示踪(Non-traditional stable isotope tracing in river waters) (Keynote) |
| 11:20-11:40 am | 石振清(Zhenqing Shi)华南理工大学 | 土壤溶解性有机质模型：如何量化其复杂性(Modeling of dissolved organic matter in soil: How to quantify their complexity) (Keynote) |
| 11:40-12:00 pm | Christopher HigginsColorado School of Mines | Quantitative Assessment of PFASs in AFFF- Impacted Soils: A Comparison of Analytical Methodologies (Keynote) |
| 12:00-12:10 pm | 邓娅敏(Yamin Deng)中国地质大学(武汉) | 河湖平原含水层中碘的来源与有机碘分子转化机制(Sources of iodine and transformation mechanisms of organic iodine molecules in groundwater in alluvial-lacustrine aquifers) (Invited) |
| 12:10-12:20 pm | 张宝刚（Baogang Zhang)中国地质大学(北京) | 矿区钒的生物地球化学过程与修复策略(Biogeochemical processes and remediation strategies of vanadium in mining areas) (Invited) |
| **午餐 (Lunch)** **时间：**12:20-14:00 pm**地点：地大国际会议中心一层自助餐厅** |
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| **时间：2024年11月23日下午 (Nov. 23, 2024)****地点:地大国际会议中心南楼一层多功能厅** |
| **时间****(Beijing time)** | **报告人****(Speaker)** | **题目****(Presentation title)** |
| 主持人：**李广贺** 清华大学**曹文庚** 中国地质科学院水文地质与环境地质研究所 **孙媛媛** 南京大学 |
| 14:00-14:20 pm | 吴 攀（Pan Wu）贵州大学 | 岩溶区域矿山地下水污染防控中的水文地球化学(Hydrogeochemistry of groundwater pollution control in karst mining areas) (Keynote) |
| 14:20-14:40 pm | 戴振学(Zhenxue Dai)青岛理工大学 | Deep learning-based inverse modeling of multicomponent solute-water-rock interactions in heterogeneous media (Keynote) |
| 14:40-15:00 pm | 蒋小伟(Xiaowei Jiang)中国地质大学（北京） | 天然苏打水成因的新机理：以鄂尔多斯盆地砂岩含水层为例(New mechanisms for the formation of natural soda water: A case study of the sandstone aquifers in the Ordos basin) (Keynote) |
| 15:00-15:20 pm | Kenneth CarrollNew Mexico State University | Comparison of Subsurface Sorption of Per- and Polyfluoroalkyl Substance (PFAS) Organic Anions to Inorganic Oxyanions (Keynote) |
| 15:20-15:30 pm | 修 伟(Wei Xiu)中国地质大学（北京） | 微生物源有机配体诱导含砷铁矿溶解促进地下水砷富集(Microbially derived organic ligands inducing the dissolution of arsenic-bearing iron minerals and enhancing arsenic enrichment in groundwater) (Invited) |
| 15:30-15:40pm | 付庆龙(Qinglong Fu)中国地质大学（武汉） | 傅里叶变换离子回旋共振质谱对污染物的定量研究：以蔗糖素为例(Quantitation of organic contaminants using Fourier Transform Ion Cyclotron Resonance Mass Spectrometry: A case study of sucralose) (Invited) |
| **茶歇 (Break) (**15:40-15:50 pm) |
| 主持人：**宋献方** 中国科学院地理科学与资源研究所**郑天元** 中国海洋大学**吕航** 吉林大学 |
| 15:50-16:10 pm | 苏小四(Xiaosi Su)吉林大学 | 季节性冻融影响下包气带中LNAPL迁移机制(Mobilization mechanisms of LNAPLs in the seasonally freeze-thaw vadose zone) (Keynote) |
| 16:10-16:30 pm | 李 淼(Miao Li)清华大学 | 跨介质环境大科学装置构建与水-土中复杂系统科学探索(Construction of large scientific facilities for inter-medium environmental studies and exploration of complex water-soil systems) (Keynote) |
| 16:30-16:50 pm | 刘再华(Zaihua Liu)中科院地球化学研究所 | 岩溶地表水生物泵(BP)的发现及其减排降污效应研究(Discovery of biotic pump (BP) in karst surface water and its effects on pollution reduction and emission control) (Keynote) |
| 16:50-17:10 pm | 杨志兵(Zhibing Yang)武汉大学 | 多孔-裂隙介质多相渗流与颗粒运移耦合机理及宏观效应(Coupling mechanisms and macroscopic effects of multiphase flow and particle transport in porous-fractured media) (Keynote) |
| 17:10-17:30 pm | Michael KerstenJohannes Gutenberg-Universität Mainz | Modern environmental geochemistry tools such as molecular imaging to elucidate interaction between pesticides and heavy metals in soils (Keynote) |
| 17:30-17:40 pm | 黄天明(Tianming Huang)中科院地质与地球物理研究所 | Role of sorption-adsorption and ion exchange in isotopic and chemical (Li, B, Sr, Ca, and N) evolution of water following water–rock interaction (Invited) |
| 17:40-17:50 pm | 李培月(Peiyue Li)长安大学 | Hydrochemical characteristics of groundwater and their controlling mechanisms in irrigation and non-irrigation areas (Invited) |
| 17:50-18:00 pm | 史浙明(Zheming Shi)中国地质大学（北京） | 混合作用控制下的武功山水热系统演化(Evolution of the hydrothermal system under the control of mixing processes in the Wugong Mountain) (Invited) |
| **晚餐 (Dinner)****时间：18:00-20:00 pm****地点：地大国际会议中心一层自助餐厅** |
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| **时间：2024年11月24日上午 (Nov. 24, 2024)****地点：地大国际会议中心南楼一层多功能厅** |
| **时间****(Beijing time)** | **报告人****(Speaker)** | **题目****(Presentation title)** |
| 主持人：**鲁安怀** 北京大学 **胡晓农** 济南大学**李海明** 天津科技大学 |
| 8:30-9:00 am | 王焰新(Yanxin Wang)中国地质大学（武汉） | 我国地下水污染控制战略(Groundwater pollution control strategy in China) （Keynote） |
| 9:00-9:20 am | 吴吉春(Jichun Wu)南京大学 | 劣质地下水形成过程数值模拟(Numerical simulation of poor-quality groundwater formation) (Keynote) |
| 9:20-9:40 am | 孙占学（Zhanxue Sun）东华理工大学 | 地浸矿山铀污染地下水生物修复研究进展(Advances in bioremediation of uranium-contaminated groundwater in in-situ leaching mines) (Keynote) |
| 9:40-10:00 am | 赵勇胜(Yongsheng Zhao)吉林大学 | 污染场地的生物地球化学作用(Biogeochemical processes in contaminated sites) (Keynote) |
| 10:00-10:20 am | Yu-Ping ChinUniversity of Delaware | Assessing the Diversity of Dissolved Organic Matter Redox Properties (Keynote) |
| 10:20-10:30 am | 贾梦琪(Mengqi Jia)University of Illinois Urbana-Champaign | Modeling Biogeochemical Carbon and Nutrient Cycles in the Earth System: Implications for Sustainable Agricultural Management (Invited) |
| **茶歇 (Break) (**10:30-10:40 am) |
| 主持人：**周金龙** 新疆农业大学**蒲俊兵** 重庆师范大学**杜尧** 中国地质大学（武汉） |
| 10:40-11:00 am  | Linda WeaversThe Ohio State University | Mechanisms of ultrasonic defluorination of fluorotelomer sulfonates (Keynote) |
| 11:00-11:20 am | 钱家忠（Jiazhong Qian)合肥工业大学 | 我国北方型岩溶裂隙水优势流识别与岩溶碳汇研究思考(Identification of dominant flow in karst fractured aquifers and its carbon sink in northern China) (Keynote) |
| 11:20-11:40 am | 谢先军(Xianjun Xie)中国地质大学（武汉） | 溶解性有机质驱动地下水中温室气体的排放及砷的生物地球化学循环(Dissolved organic matter-driven greenhouse gas emissions and arsenic biogeochemical cycling in groundwater) (Keynote) |
| 11:40-12:00 am | Jin HurSejong University | Competitive adsorption of NOM and MP-DOM onto minerals and GAC (Keynote) |
| 12:00-12:10 pm | 何晨(Chen He)中国石油大学（北京） | 基于液相色谱高分辨质谱的DOM分子组成分析(Molecular composition analysis of DOM based on liquid chromatography high-resolution mass spectrometry) (Invited) |
| 12:10-12:20 pm | 皮坤福(Kunfu Pi)中国地质大学(武汉） | Bioenergetic perspectives on spatial variability of geogenic contaminants in groundwater (Invited) |
| **午餐 (Lunch)****时间：**12:20-14:30 pm**地点：地大国际会议中心一层自助餐厅** |