

ISEH ICEPH ISEG Programme (Schedule only. Venue and social events TBA)

Oral Presentations

ID	First Name	Last Name	Title	Session	Session Date	Time
312	Yanxin	Hu	Mercury pollution remediation in paddy fields by biochar supplement and its mechanisms	Agriculture	August 12	17:15-17:30
516	Wende	Yan	Soil nutrients limitation control bottom-up effects of micro-food web derived ecological functions in a degraded agroecosystems	Agriculture	August 12	17:30-17:45
605	Christos	Kikis	Cadmium–Induced Growth Responses in Artemisia absinthium, Carthamus tinctorius, Matricaria recutita, Origanum vulgare, and Salvia officinalis	Agriculture	August 12	17:45-18:00
612	Beatriz	Fernandes	Vulnerability of Portuguese vineyards soil to copper contamination: understanding regional variations	Agriculture	August 12	18:00-18:15
695	Min	Peng	Zinc Bioaccumulation capacity and driving factors in soil-crop system in China	Agriculture	August 12	18:15-18:30
49	Guofeng	Shen	Interpreting highly variable indoor PM2.5 using low-cost sensors	Air Pollution and Health 1	August 12	10:00-10:15
121	Jurgita	Ovadnevaite	Fingerprinting Air Pollution Culprits	Air Pollution and Health 1	August 12	10:15-10:30
158	Ruijun	Xu	Association of short-term exposure to ambient fine particulate matter and ozone with outpatient visits for anxiety disorders: a hospital-based case-crossover study in South China	Air Pollution and Health 1	August 12	10:30-10:45
232	Wei	Xu	Revisiting the impact of sea surface temperature on sea spray aerosol production	Air Pollution and Health 1	August 12	10:45-11:00
288	Tao	Liu	Joint associations of short-term exposure to gaseous air pollutants with hospital admission of ischemic stroke	Air Pollution and Health 1	August 12	11:00-11:15
432	Yuemeng	Ji	Aqueous-phase oligomerization mechanism of small α -dicarbonyls and its environmental effect	Air Pollution and Health 2	August 12	11:45-12:00
459	Ye	Huang	The disparities in PM2.5 pollution between China's urban and rural Areas and their driving factors	Air Pollution and Health 2	August 12	12:00-12:15

470	Tianjia	Guan	Air pollution attenuated the benefits of physical activity on blood pressure: Evidence from a nationwide cross-sectional study	Air Pollution and Health 2	August 12	12:15-12:30
480	Teng	Wang	Roles of Lipid Mediators in Investigating the Susceptibility of Individuals at Risks of Cardiovascular Diseases to Air Pollution	Air Pollution and Health 2	August 12	12:30-12:45
614	Siwen	Wang	Spring Festival points the way to cleaner air in China	Air Pollution and Health 2	August 12	12:45-13:00
638	Qing	Wang	How much health benefit would the updated Indoor Air Quality Standard of China bring?	Air Pollution and Health 3	August 12	15:30-15:45
694	Bibin	George	EXPLORING THE HEALTH EFFECTS OF SILICA EXPOSURE	Air Pollution and Health 3	August 12	15:45-16:00
799	Yu-Ting	Liu	Insights into the Mechanism of Chromium(III) Transformation by Iron Hydroxide in the Atmosphere: A Study Using an Oxidation Flow Reactor	Air Pollution and Health 3	August 12	16:00-16:15
984	Dong	Liu	Surface absorbed water on soot significantly promotes the generation of radicals in contact electrification	Air Pollution and Health 3	August 12	16:15-16:30
1003	Song	Gao	Multi-site Ozone Mid- and Long-term Prediction Based on Temporal Convolutional Graph Neural Network	Air Pollution and Health 3	August 12	16:30-16:45
427	Miao	He	The health effect of subway environmental exposure	Air Pollution and Health 4	August 12	17:15-17:30
431	Weina	Zhang	The heterogeneous reaction mechanism of atmospheric chlorine precursors at the cool air-liquid interface	Air Pollution and Health 4	August 12	17:30-17:45
637	Martin	Gaberšek	Are emissions from dental practice detectable in outside environment?	Air Pollution and Health 4	August 12	17:45-18:00
703	Gretta	Mohan	An investigation of inequalities in exposure to PM2.5 air pollution across small areas in Ireland	Air Pollution and Health 4	August 12	18:00-18:15
959	Luo	Jinjing	Study on the spatial and temporal characteristics of ozone and its generation mechanism in coastal city of Southeast China	Air Pollution and Health 4	August 12	18:15-18:30

28	Zhiyuan	Li	High spatial resolution estimates of major PM2.5 components and their associated health risks in Hong Kong using a coupled land use regression and health risk assessment approach	Air Pollution and Health 5	August 13	10:00-10:15
176	Kun	Li	Intermediate volatility compounds dominate secondary organic aerosol formation from biomass burning emissions	Air Pollution and Health 5	August 13	10:15-10:30
269	Ru-Jin	Huang	Nitrogen-containing organic aerosol: Speciation and formation	Air Pollution and Health 5	August 13	10:30-10:45
308	Weigang	Wang	Secondary organic aerosol formation from the oxidation of IVOCs	Air Pollution and Health 5	August 13	10:45-11:00
585	Lin	Zhang	Reactive nitrogen emissions and their impacts on regional PM2.5 air quality	Air Pollution and Health 5	August 13	11:00-11:15
159	Yuewei	Liu	Association of exposure to ozone and heat wave with mortality by widowhood status	Air Pollution and Health 6	August 13	11:45-12:00
160	Guohua	Zhang	Tracing the Atmospheric Processing of Particulate Imidazole Compounds by Single particle Mass Spectrometry	Air Pollution and Health 6	August 13	12:00-12:15
307	Shengrui	Tong	Investigations of unstable reactive oxidants in the atmosphere	Air Pollution and Health 6	August 13	12:15-12:30
329	Qiyu	Wang	Application of Fractional Grey Model in Urban Air Pollutant Prediction	Air Pollution and Health 6	August 13	12:30-12:45
948	Xi	Chen	Separating Daily 1 km PM2.5 Chemical Composition in China since 2000 via Deep Learning Integrating Ground, Satellite, and Model Data	Air Pollution and Health 6	August 13	12:45-13:00
37	Xun Wen	Chen	Revisiting the Stress Gradient Hypothesis: insights from compartmental bacterial interactions in mycorrhizosphere	Antibiotics and Microbiology	August 12	10:00-10:15
148	Andrew	Hursthouse	Antimicrobial resistance in the environment – Indo-UK initiative to study the impact of pharmaceutical wastes	Antibiotics and Microbiology	August 12	10:15-10:30
254	Mingming	Sun	Phages in vermicomposts enrich functional gene content and facilitate pesticide degradation in soil	Antibiotics and Microbiology	August 12	10:30-10:45

271	Guoyu	Yin	Global biogeography and projection of soil antibiotic resistance genes	Antibiotics and Microbiology	August 12	10:45-11:00
404	Liangying	He	Swine farming shifted the gut antibiotic resistome of local people.	Antibiotics and Microbiology	August 12	11:00-11:15
424	Haiyun	Zhang	Earthworms took differential strategies faced with specific neonicotinoid-A kinetic metabolomic study	Antibiotics and Microbiology	August 12	11:45-12:00
472	Xiaohong	Wu	Intercropping promotes soil aggregates stability by regulating soil microbial activity, diversity and community structure	Antibiotics and Microbiology	August 12	12:00-12:15
672	Thomas	Ducey	Microbial inoculants for soil and environmental health: Panacea or placebo?	Antibiotics and Microbiology	August 12	12:15-12:30
742	Ting	Yu	A novel long non-coding RNA linc-93.2 regulates oxidative stress induced by bisphenol A via NF- κ B signaling pathway in fish primary macrophages	Antibiotics and Microbiology	August 12	12:30-12:45
745	Rok	Fink	Unveiling the antifungal potential of cold atmospheric plasma: Optimizing parameters for effective eradication of <i>Candida albicans</i> biofilm	Antibiotics and Microbiology	August 12	12:45-13:00
763	Yen-Lin	Cho	Microscopic Mechanisms of Ferrous Ion Oxidation Facilitated by Cyanidiophyceae in Acidic and Anaerobic Environments	Antibiotics and Microbiology	August 12	15:30-15:45
902	Yong	Li	Impact of virus on bacterial communities and nutrient cycles in paddy soils	Antibiotics and Microbiology	August 12	15:45-16:00
912	Liqin	Su	The role of thyroid stimulating hormone in the association between cadmium exposure and cognitive function	Antibiotics and Microbiology	August 12	16:00-16:15
930	Kunfu	Pi	Effects of resistant environment on microbially mediated arsenic mobilization in geogenic contaminated groundwater	Antibiotics and Microbiology	August 12	16:15-16:30
998	Shu	Niu	The involvement of HIF-1 signaling pathway in fluoride-induced liver injury	Antibiotics and Microbiology	August 12	16:30-16:45
22	Yan	AN	"Environmental standard limit concentration" arsenic exposure is linked to anxiety, depression and autism-like changes in early-life stage zebrafish	Arsenic	August 12	11:45-12:00

248	Sacha	Ruzzante	Quantifying the Disease Burden Attributable to Arsenic in Groundwater Globally	Arsenic	August 12	12:00-12:15
249	Ouyuan	Jiang	Loss of Microbial Diversity Increases the Risk of Arsenic Release and Methane Emissions in Paddy Soils	Arsenic	August 12	12:15-12:30
391	hyojung	Choi	Influence of climate-induced organic matter decomposition on the arsenic behavior in soil environments	Arsenic	August 12	12:30-12:45
697	Dongyu	Xu	Geochemical characteristics and ecotoxicological risk of arsenic in water-level-fluctuation zone soils of the Three Gorges Reservoir, China	Arsenic	August 12	12:45-13:00
112	Yunfan	Li	Opposite relationships between soil organic carbon and elevation in the midlands and mountainous areas in Ireland related to different types of peat	Big Data and Data Analytics	August 12	10:00-10:15
145	Jennifer	McKinley	Big Data Spatial Analytics and Compositional Data Analysis for Exploring Relations between Health and Our Environment	Big Data and Data Analytics	August 12	10:15-10:30
452	Yuzhen	Liang	Improving predictions and understanding of primary and ultimate biodegradation rates with machine learning models	Big Data and Data Analytics	August 12	10:30-10:45
473	Cunjian	Yang	Global water cover analysis based on remote sensing and GIS	Big Data and Data Analytics	August 12	10:45-11:00
556	Qi	You	Polycyclic aromatic hydrocarbons (PAHs) pollution and risk assessment of soils at contaminated sites in China over the past two decades	Big Data and Data Analytics	August 12	11:00-11:15
208	Hailong	Wang	Immobilization of heavy metal(loid)s in contaminated soil using functionalized biochar	Biochar 1	August 12	15:30-15:45
558	Scott	Chang	Biochar Application as a Climate-Smart Agriculture Solution for Mitigating Climate Change	Biochar 1	August 12	15:45-16:00
834	De	Chen	The effect of biochar on Cd uptake in rice, based on the changes in interannual, biochar, and rice varieties	Biochar 1	August 12	16:00-16:15
878	Xiaokai	Zhang	Risk Assessment of Biochar Remediation of Pb Contaminated Water - A Whole-cell Bioreporter based Technique	Biochar 1	August 12	16:15-16:30

937	Yuxue	Liu	Priming effects of vermiculite modified rice straw biochar on soil organic carbon: A new perspective of soil bacteria	Biochar 1	August 12	16:30-16:45
25	Christoph	Weihrauch	Yeast-sulfur-modified bone char increased mobilization of phosphorus and potentially toxic elements from soils under dynamic redox conditions	Biochar 2	August 12	17:15-17:30
324	Zhicheng	Zhou	Dissolved black carbon mediated photochemical transformation of contaminants in aqueous solution	Biochar 2	August 12	17:30-17:45
419	Hongli	Fan	Combined application of milk vetch, and biochar mitigate soil cadmium risk in paddy field	Biochar 2	August 12	17:45-18:00
463	Jingzi	Beiyuan	Effects of Phosphate on Immobilization of As in Soil by Fe-modified Biochar	Biochar 2	August 12	18:00-18:15
611	Cristiana	Paiva	Using pine bark and mussel shells as soil amendments to establish a rehabilitation strategy for Cu polluted viticultural soils	Biochar 2	August 12	18:15-18:30
247	Daniel	Sui	From ONE Health to WHOLE Health: A Metacoupling Framework for Understanding Environment-Health Dynamics	Climate Change and Populati	August 12	10:00-10:15
376	Haidong	Kan	Cause-specific accidental deaths and burdens related to ambient heat in a warming climate	Climate Change and Populati	August 12	10:15-10:30
418	Yuqiang	Zhang	Long-term trends of global, regional, and national NO2 attributed mortality burdens: a health impact assessment study from multiple global datasets	Climate Change and Populati	August 12	10:30-10:45
481	Shuxiao	Wang	Climate and health impacts of carbon neutrality and clean air pathways in China	Climate Change and Populati	August 12	10:45-11:00
813	Xing	Li	Tunable oxygen vacancy and chainmail-structured graphene for boosting carbamate decomposition kinetics in CCS	Climate Change and Populati	August 12	11:00-11:15
319	Han Gyeol	Jeon	Sorption of Selenite (IV) and Selenate (VI) on Magnesium Precipitate derived from Seawater Electro-Chlorination Facility	Coastal System	August 13	17:15-17:30
343	Rainer	Lohmann	Sources, transport and bioaccumulation of PFAS in coastal regions	Coastal System	August 13	17:30-17:45

568	Yuxin	Ma	Chemodynamics of polycyclic aromatic hydrocarbons and their derivatives in the Yellow Sea and East China Sea	Coastal System	August 13	17:45-18:00
866	Qian	Zhang	Advanced Pathogen Monitoring Technologies in Aquatic Environments	Coastal System	August 13	18:00-18:15
868	Jianhui	Tang	Salinity-induced partitioning of short-chain legacy and novel PFAS substances between dissolved and particulate phases in river-estuary-coast continuum	Coastal System	August 13	18:15-18:30
129	Jiaqi	Xue	Portable sensors equipped with smartphones for organophosphorus pesticides detection	Diagnostics and Remediation	August 13	10:00-10:15
233	Hua	Zhang	Decreasing mercury levels in consumer fish over the three decades of increasing mercury emissions in China	Diagnostics and Remediation	August 13	10:15-10:30
955	Yirong	Zhao	Red Mud-Based Catalysts for Efficient Removal of Organic Pollutants in Wastewater	Diagnostics and Remediation	August 13	10:30-10:45
960	Fujie	Li	The role of geopolymers in environmental remediation: A case study of electrolytic manganese residue	Diagnostics and Remediation	August 13	10:45-11:00
962	YuXiao	Shao	Selenium Hyperaccumulator plant <i>Cardamine violifolia</i> -a potential material for biofortification and phytoremediation	Diagnostics and Remediation	August 13	11:00-11:15
284	Christof	Lanzerstorfer	House dust: Size dependence of the concentration of various elements	Dust and Indoor Air Pollution	August 13	15:30-15:45
352	Haijing	Duan	Source Apportionment and Health Risk Assessment of Heavy Metals in Dust Around Bus Stops in Kaifeng City Based on APCS-MLR Model	Dust and Indoor Air Pollution	August 13	15:45-16:00
649	Guan	Wang	Magnetic response and bioaccessibility of heavy metal pollution in outdoor dustfall in Shanghai, China	Dust and Indoor Air Pollution	August 13	16:00-16:15
790	Audil	Rashid	Exposure effect of indoor air pollutants in rural communities identified through health predictors	Dust and Indoor Air Pollution	August 13	16:15-16:30
854	Naomi T	Nichols	Saharan Dust and Pediatric Asthma in the Windward Islands, Caribbean.	Dust and Indoor Air Pollution	August 13	16:30-16:45

170	Yanhong	Zeng	Anaerobic biotransformation of two novel brominated flame retardants: kinetics, isotope fractionation and reaction mechanisms	Emerging Organic Pollutants	August 14	10:00-10:15
220	Xiaoping	Wang	Occurrences of tire additive chemicals and their derivatives in high-cold climate environment	Emerging Organic Pollutants	August 14	10:15-10:30
226	Bixian	Mai	Bioaccumulation of PHCs in birds from Chinese subtropical regions	Emerging Organic Pollutants	August 14	10:30-10:45
323	Xinhui	Bi	Molecular characterization of organic aerosol in PM2.5 and its effect on viral infection	Emerging Organic Pollutants	August 14	10:45-11:00
353	Guiying	Li	Toxicity mechanism of human respiratory system exposed to typical pathogens in vitro	Emerging Organic Pollutants	August 14	11:00-11:15
381	Taicheng	An	Exposomics and Health Effects of Toxic Organic Pollutants in Occupationally Exposed Populations in Coking Contaminated Sites	Emerging Organic Pollutants	August 14	11:45-12:00
533	Chang	He	Human Internal Exposure to Contaminants of Emerging Concerns at Typical Industrial Sites in China	Emerging Organic Pollutants	August 14	12:00-12:15
728	Wenjing	Liu	Multi-omics Analysis for Mechanistic Understanding of Microbial-mediated Synthesis of Silver Nanoparticles	Emerging Organic Pollutants	August 14	12:15-12:30
894	Li	Lu	Migration and health risk assessment of polycyclic aromatic hydrocarbons in karst underground river systems in southern China	Emerging Organic Pollutants	August 14	12:30-12:45
1010	Yongchun	Liu	Key Drivers of the Oxidative Potential of PM2.5 in Beijing	Emerging Organic Pollutants	August 14	12:45-13:00
115	Jason	White	Nanobiotechnology-based Strategies for Enhanced Crop Stress Resilience	Environmental Applications c	August 14	17:15-17:30
122	Jie	Hou	Multifunctional Biomolecular Corona-Enabled Nanoremediation	Environmental Applications c	August 14	17:30-17:45
354	Daohui	Lin	nZVI-based phytoremediation technology development	Environmental Applications c	August 14	17:45-18:00

521	Wenhao	Wu	A robust iron-based metal-organic framework with ultramicropores for trace benzene adsorption	Environmental Applications of	August 14	18:00-18:15
567	Jiang	Xu	Lattice Engineered Nanoscale Fe ₀ for Environmental Remediation	Environmental Applications of	August 14	18:15-18:30
75	Owen	Williams	The sustainable and appropriate reuse of contaminated soils from brownfield sites in Ireland.	Environmental Friendly Rem	August 13	11:45-12:00
207	Michael	Kersten	Predicting breakthrough of toxic oxoanions in fixed-bed adsorbent columns with complex groundwater solute chemistries	Environmental Friendly Rem	August 13	12:00-12:15
227	Jianming	Xu	Arsenic-induced enhancement of diazotrophic colonization and nitrogen fixation in <i>Pteris vittata</i> rhizosphere	Environmental Friendly Rem	August 13	12:15-12:30
291	Zhifan	Chen	A novel maize biochar-based compound fertilizer for immobilizing cadmium and improving soil quality and crop growth	Environmental Friendly Rem	August 13	12:30-12:45
825	Daniela	Zuzolo	Biotechnological Combination for contaminated soil remediation: exploring rhizosphere plant-microbes interactions	Environmental Friendly Rem	August 13	12:45-13:00
77	Shiwen	Hu	Mechanistic and modeling insights into the sequestration of cadmium and fulvic acid during Fe(II)-induced ferrihydrite transformation	Environmental Geochemistry	August 13	17:15-17:30
147	Tanja	Reiff	Speciation changes of thallium during ageing in a thallium-spiked soil	Environmental Geochemistry	August 13	17:30-17:45
211	Min	Zhao	Organic carbon source tracing and the BCP effect in the Yangtze and Yellow rivers: insights from hydrochemistry, carbon isotope, and lipid biomarker analyses	Environmental Geochemistry	August 13	17:45-18:00
243	Xianjun	Xie	Dissolved Organic Matter Ignited the Enrichment of Iodine in Groundwater	Environmental Geochemistry	August 13	18:00-18:15
266	Jiang	Xiao	Effect of molecular size fractionation on the redox properties of dissolved organic matter	Environmental Geochemistry	August 13	18:15-18:30
92	Xiaoping	Li	Lead pollution-related health of children in China: disparity, challenge, and policy	Environmental Health 1	August 12	15:30-15:45

153	Peng	Lu	Whole blood cadmium levels and depressive symptoms in Chinese young adults	Environmental Health 1	August 12	15:45-16:00
267	Yue	Ba	Association between fluoride exposure and changes in thyroid/parathyroid function in school-age girls: mediation of mitochondrial DNA copy number	Environmental Health 1	August 12	16:00-16:15
517	Daniel	Murphy	How does Asbestos cause cancer? Insight into mechanisms of cancer development, early detection, and new treatment options, from genetically engineered mouse models	Environmental Health 1	August 12	16:15-16:30
582	Wenjun	Ma	The joint effects of heat-humidity compound events on drowning mortality in Southern China	Environmental Health 1	August 12	16:30-16:45
655	Xun	Shi	Detection of environmental risk factors of ALS: Airborne Lead and Lead Compounds	Environmental Health 2	August 12	17:15-17:30
699	Thomas	Ducey	Ignorance is Not Bliss. The Need for Elucidating the Geographical Link between Chronic Diseases and Environmental Microbiomes	Environmental Health 2	August 12	17:30-17:45
818	Furong	Deng	Association of Indoor Ozone exposure during Sleep and Cardiorespiratory effects among young adults in China	Environmental Health 2	August 12	17:45-18:00
971	Yanpeng	Gao	Transformation mechanism and health effects of typical preservative parabens	Environmental Health 2	August 12	18:00-18:15
987	Ling	Wang	Differences of lipid distribution between PFOA and PFOS-exposed mice and underlying mechanism	Environmental Health 2	August 12	18:15-18:30
36	Peter	Redmond	Ethical and GDPR-Compliant Sharing of Multimodal Stress Data: Contributions to Environmental and Health Research	Environmental Management	August 12	11:45-12:00
97	Vuong M.	Ngo	Using HL7-FHIR as an Integration Platform for Chronic Disease Services Management and Planning in the Irish Healthcare Sector	Environmental Management	August 12	12:00-12:15
441	Teresa	Heller	Rachel Carson's "Silent Spring" as Environmental Education Promoter: Analysis through the Letter of Thomas Merton, an Alert Reader	Environmental Management	August 12	12:15-12:30
853	Michael	Lang	Exploring UN Sustainable Development Goals using Advanced Database Technologies: An Experience Report from an Undergraduate Business Course	Environmental Management	August 12	12:30-12:45

860	Cassio	Silva	GEOSCIENCES FOR SOCIAL, ENVIRONMENTAL AND ECONOMIC DEVELOPMENT	Environmental Management	August 12	12:45-13:00
313	Ye	Li	Multi-medium migration and accumulation simulation of PFASs in Shanghai mega city river channels based on Storm Water Management Model and IV Fugacity model	Environmental Modelling	August 13	17:15-17:30
320	Nan	Wang	Susceptibility modeling of hydro-morphological processes considered river topology	Environmental Modelling	August 13	17:30-17:45
440	Samsad	Parween	Enhancing Water Quality Assessment in Urban River Ecosystems: A Case Study of Siliguri City's Rivers	Environmental Modelling	August 13	17:45-18:00
581	Weifeng	Li	Large-scale urban agglomeration's sprawl and interactive effect of social and ecological system: a case study from China	Environmental Modelling	August 13	18:00-18:15
604	Zhongyun	Ni	Changes in land surface temperature over metropolis by using time series remote sensing images (2000-2020) in Chengdu City, China	Environmental Modelling	August 13	18:15-18:30
31	Bin	Wang	Exposome and Female Reproductive Health	Environmental Pollution and	August 14	10:00-10:15
152	Zhiwen	Li	Association of the levels of Polycyclic Aromatic Hydrocarbons in maternal hair during periconceptional period with the Risk of fetal Neural Tube Defects	Environmental Pollution and	August 14	10:15-10:30
250	Yichao	Huang	Gestational PFHxS exposure and developmental toxicity	Environmental Pollution and	August 14	10:30-10:45
258	Yanxin	Yu	Validation of Dietary Intake of Dichlorodiphenyltrichloroethane and Metabolites in Two Populations from Beijing and Shenyang, China Based on the Residuals in Human Milk	Environmental Pollution and	August 14	10:45-11:00
282	Yixi	Tan	Polycyclic Aromatic Hydrocarbon Residues in Human Milk, Placenta, and Umbilical Cord Blood in Beijing, China	Environmental Pollution and	August 14	11:00-11:15
166	Karsoon	Tan	Bivalves as future source of sustainable natural omega-3 polyunsaturated fatty acids	Food quality	August 14	11:45-12:00
279	anli	wang	Acrylamide induces spatial and temporal metabolic profiling disturbance during different stages of early zebrafish development	Food quality	August 14	12:00-12:15

395	Mingxing	Xu	Characteristics of Cadmium Isotope Fractionation in Topsoil-Rice System in Carbonate Rock Region of Western Zhejiang, China	Food quality	August 14	12:15-12:30
541	Qingru	WU	Global seafood mercury: from oceans to tables	Food quality	August 14	12:30-12:45
559	Kim	Dowling	Assessment of potentially toxic elements in Lactarius deliciosus and Suillus luteus mushrooms collected in Victoria, Australia: Is foraging good for your health?	Food quality	August 14	12:45-13:00
81	Timo	Tarvainen	Urban anthropogenic soils – potential urban diffuse soil contamination	Geochemical Mapping	August 13	15:30-15:45
130	Matteo	Serra	Urban geochemistry of Cagliari (Italy): towards a healthy city	Geochemical Mapping	August 13	15:45-16:00
151	Ignacio	Machado	Distribution of inorganic contaminants along the Uruguayan coast	Geochemical Mapping	August 13	16:00-16:15
509	Ariadne	Argyraki	Integrating Geochemical and Magnetic Analysis for Estimating Risk-based Soil Screening Values: A Regional Study in Greece	Geochemical Mapping	August 13	16:15-16:30
800	Jaana	Jarva	Geochemical baseline studies of mineral potential areas and mining surroundings in Finland	Geochemical Mapping	August 13	16:30-16:45
172	Yuzhi	Xuan	Development of a certified reference material for accurate determination of the leaching of Pb and Zn in solid waste	Geo-Health 1	August 14	10:00-10:15
185	Qifeng	Tang	Preliminary Exploration of GeoHealth Survey in the High Geological Background Area of the Black Shale Series in Northwestern Zhejiang	Geo-Health 1	August 14	10:15-10:30
281	Yi	Huang	Determination of 10 phenols in water using direct injection by liquid chromatography- high-sensitivity triple quadrupole tandem mass spectrometry	Geo-Health 1	August 14	10:30-10:45
306	Siwen	LIU	Human and environmental exposure to rare earth elements and other agents in the ion-adsorption type rare earth mining areas in the Ganzhou City, Southeast China	Geo-Health 1	August 14	10:45-11:00
334	Dawen	Liu	Preliminary Study on Geo-Health Survey --from Principle, Methodology to Application	Geo-Health 1	August 14	11:00-11:15

380	Feng	Guo	Occurrence, distribution and ecological risks of antibiotic concentration in surface water environment of Suzhou, China	Geo-Health 2	August 14	11:45-12:00
393	Yan	Zhou	Overview of Agro-Geology Work During the Last 20 Years in Zhejiang Province, China	Geo-Health 2	August 14	12:00-12:15
744	Jing	Jin	The Past, Current Situation, and Future of China's Health Geological Survey	Geo-Health 2	August 14	12:15-12:30
767	Xingchun	Jiao	Developing evaluation index system for rural livability from a geological perspective	Geo-Health 2	August 14	12:30-12:45
807	Anhuai	Lu	Human Pathological Mineral Features	Geo-Health 2	August 14	12:45-13:00
174	Haofan	Xu	Identification of possible sources for potentially toxic elements and polycyclic aromatic hydrocarbons and their spatially varying relationships in urban soils of Dublin, Ireland	GIS Spatial Modelling	August 14	15:30-15:45
365	Gevorg	Tepanosyan	Identification of multi-element pollution hotspots and geochemical associations of PTE in urban dust (Yerevan, Armenia)	GIS Spatial Modelling	August 14	15:45-16:00
486	Yanming	Sun	How to improve collaborative performance in carbon mitigation and air pollution control? A spatio-temporal study based on evidence from 284 cities in China	GIS Spatial Modelling	August 14	16:00-16:15
793	Longlong	Zhang	Spatial distribution, sources and health risk assessment of heavy metals in the surrounding farmland soils of lead and zinc mining areas	GIS Spatial Modelling	August 14	16:15-16:30
1006	Xun	Shi	Exploring Forest Characteristics Associated with Lyme Disease using Random Forest and Gradient Boosting Analyses	GIS Spatial Modelling	August 14	16:30-16:45
402	Yang	Song	Soil metabolome impacts the formation of the eco-corona and adsorption processes on microplastic surfaces	Health Risks of Micro- and Nanoplastics	August 14	15:30-15:45
414	Chen	Tu	Screening, identification and degradation characteristics of PBAT degrading bacteria in soil	Health Risks of Micro- and Nanoplastics	August 14	15:45-16:00
415	Yongming	Luo	Visual tracking of label-free microplastics in wheat seedlings and their effects on crop growth and physiology	Health Risks of Micro- and Nanoplastics	August 14	16:00-16:15

645	Zheng	Hao	Effects of polystyrene micro/nanoplastics on soil denitrification and microbial community	Health Risks of Micro- and Nanoplastics	August 14	16:15-16:30
669	Yongming	Luo	Occurrence and accumulation of microplastics in agricultural soils	Health Risks of Micro- and Nanoplastics	August 14	16:30-16:45
135	Cheng	Li	Predicting soil cadmium pollution and identifying critical driving factors in a mining area using machine learning	High Background Values in Soils	August 14	17:15-17:30
136	Yang	Yeyu	Characteristics of Cd flux in the plow layer soil around the mining area under high geological background environment	High Background Values in Soils	August 14	17:30-17:45
142	Xueqi	Xia	Black shales as an important source of soil Cd in farmland and its potential hazards	High Background Values in Soils	August 14	17:45-18:00
361	Qingye	Hou	Natural restoration of heavy metal pollution from mining area in Karst region, China	High Background Values in Soils	August 14	18:00-18:15
363	Zhongfang	Yang	Enrichment mechanism of element in soil with natural geological high background and its ecological risk identification	High Background Values in Soils	August 14	18:15-18:30
32	Jose	Centeno	Chemical and Biological Characteristics of Dust in Relation to Health – A Medical Geology Perspective	Medical Geology	August 13	10:00-10:15
60	Wilfried	Dathe	Zeolite – the ‚magic stone‘ of geology – a benefit for human health	Medical Geology	August 13	10:15-10:30
114	Elena	Alvareda	Towards the understanding of the aquifers of Salto, Uruguay hydrochemistry as drinking water: a medical geology perspective	Medical Geology	August 13	10:30-10:45
140	Robert	Finkelman	Health Concerns Related to Residential Coal Combustion in the U.S. Appalachian Region and on the Navajo Reservation	Medical Geology	August 13	10:45-11:00
332	Maria Aurora	Armienta	Advantages and drawbacks of the use of limestones for the removal of arsenic from groundwater	Medical Geology	August 13	11:00-11:15
168	Emmanuel	Arhin	Enhancing the Nexus between Geology and Health: A Vital Imperative to Attain Sustainable Development Goal 3 (SDG 3) - Interlinking the Two Fields.	Medical Geology in Africa	August 13	11:45-12:00

405	Devandren Su	Nadasan	A code for Medical Geology fieldwork in Africa: Guidelines on health and safety issues in mapping disease distribution and their geoenvironmental correlates	Medical Geology in Africa	August 13	12:00-12:15
631	Alfred	Msomi	Mercury emission in small scale gold panning and health effects: South Africa Case description	Medical Geology in Africa	August 13	12:15-12:30
644	Thobeka	Makhathini	Current status of research on geogenic pollution and disease in Africa	Medical Geology in Africa	August 13	12:30-12:45
678	NTOMBIKAYISI	MKHIZE	Spectrophotometric identification of physical UV filters in red and white clays in South Africa	Medical Geology in Africa	August 13	12:45-13:00
425	Xin	Yu	Emerging Challenges to Drinking Water Safety: Persistent Microbial Contaminants	Microbiological Risks in Drinking Water	August 15	10:00-10:15
496	Mingbao	Feng	Transformation-derived risks and selective oxidation of highly concerned pharmaceuticals in water	Microbiological Risks in Drinking Water	August 15	10:15-10:30
535	Fangbai	Li	Potential auxiliary metabolic functions and biogeochemical impacts of viruses in arsenic-contaminated paddy soils	Microbiological Risks in Drinking Water	August 15	10:30-10:45
545	Wenfang	Lin	Rapid identification of active antibiotic resistant bacteria and their gene transfer using high-throughput BONCAT-FACs technology	Microbiological Risks in Drinking Water	August 15	10:45-11:00
548	Chengsong	Ye	The control potential and mechanisms of solar light/periodate system on pathogenic microorganisms	Microbiological Risks in Drinking Water	August 15	11:00-11:15
15	João	Frias	Spatial monitoring and microplastic concentration variability in different environmental matrices from Galway Bay	Nanoparticles and Microplastics	August 15	11:45-12:00
104	Qian	Liu	Multi-Dimensional Characterization of Ambient Nanoparticles in the Human Body	Nanoparticles and Microplastics	August 15	12:00-12:15
125	Yang	Song	Serum apolipoprotein A-I depletion is causative to silica nanoparticles-induced cardiovascular damage	Nanoparticles and Microplastics	August 15	12:15-12:30
300	Hefa	Cheng	Understanding the Release Kinetics of Brominated Flame Retardants from Microplastics	Nanoparticles and Microplastics	August 15	12:30-12:45

586	Du	Chen	Effect of Per- and Polyfluoroalkyl Substances on the Reactivity and Selectivity of Trichloroethylene-NAPL Degradation by Sulfidized Nanoscale Zerovalent Iron	Nanoparticles and Microplast	August 15	12:45-13:00
616	Linbo	Qian	Enhanced pollutants reduction by zero-valent iron composites through ball milling: Synergy of electron storage and electron transfer.	Nanoparticles and Microplast	August 15	14:30-14:45
662	J	Lead	Nano-enabled remediation of oil, metals and harmful algal blooms	Nanoparticles and Microplast	August 15	14:45-15:00
708	Siyu	Zhang	Effect mechanism of antibiotic-microplastic combined pollution on the nitrogen cycle in water-plant-sediment micro-ecosystem	Nanoparticles and Microplast	August 15	15:00-15:15
725	Zhenli	Sun	Flexible Au tapes for on-site detection of microplastics using surface-enhanced Raman scattering	Nanoparticles and Microplast	August 15	15:15-15:30
527	Yi	Yang	High Resolution Characterization of Coal Combustion-Derived Metal-Containing Nanoparticles and Their Health Implications	Nanoparticles and Microplast	August 15	15:30-15:45
829	Izabela	Joško	Transformed nanoparticles in the environment: the rise of beasts?	Nanoparticles and Microplast	August 15	16:15-16:30
851	Sofia	Machado	Environmental safety assessment of new biopesticides using chitosan nanoparticles loaded with essential oils	Nanoparticles and Microplast	August 15	16:30-16:45
980	Mengxi	Cao	Special distribution of nanoplastics in the central nervous system of zebrafish during early development	Nanoparticles and Microplast	August 15	16:45-17:00
982	FENGJIE	CHEN	Electron transfer between water and hydroxyl groups on solid surface determine OH and H radical generation in contact electrification	Nanoparticles and Microplast	August 15	17:00-17:15
1012	Shirong	Qiang	Cellular toxicology of carbon nanomaterials in environmental media	Nanoparticles and Microplast	August 15	17:15-17:30
123	Bin	Yang	Unveiling Per- and Polyfluoroalkyl Substance Contamination in Chinese Paper Products and Assessing Their Exposure Risk	New emerging pollutants	August 13	15:30-15:45
273	Yifei	Hu	Mass loads of quaternary ammonium compounds associated with COVID-19 stringency indicators in Beijing: a sewage sludge-based longitudinal study	New emerging pollutants	August 13	15:45-16:00

478	Limin	Duan	A ligand strategy to construct sulfur coordinated iron based metal-organic frameworks with selective ·OH generation in Fenton-like reaction	New emerging pollutants	August 13	16:00-16:15
805	Meizhen	Wang	The characteristic and control of microbial contamination in soil	New emerging pollutants	August 13	16:15-16:30
861	Jie	Han	Interactions between polymeric materials and emerging contaminants and their implications	New emerging pollutants	August 13	16:30-16:45
149	Yang	Gao	Human activities aggravate nitrogen-deposition pollution to inland water over China	Nitrogen Cycle	August 15	16:15-16:30
221	Feng	Zhou	The global potential for mitigating nitrous oxide emissions from croplands	Nitrogen Cycle	August 15	16:30-16:45
503	Chunli	Su	Novel insights into the fate of nitrogen compounds in pore aquifers from molecular characterization of organic matter in Xiliao River Basin	Nitrogen Cycle	August 15	16:45-17:00
900	Jing	Wang	High Nitrate Concentrations with Low N ₂ O Emission Fluxes in the Haihe Small Watershed	Nitrogen Cycle	August 15	17:00-17:15
941	Yanling	Zheng	Response of nitrifiers to aquatic acidification in estuarine and coastal waters	Nitrogen Cycle	August 15	17:15-17:30
70	YingQin	WU	Remediating petroleum hydrocarbons in highly saline-alkali soils using three native plant species	Organic pollutants	August 14	10:00-10:15
209	Faina	Gelman	Tracking the fate of halogenated organic contaminants in the environment by compound-specific isotope analysis	Organic pollutants	August 14	10:15-10:30
326	Yamin	Deng	Enrichment of geogenic organoiodine compounds in alluvial-lacustrine aquifers: molecular constraints by organic matter	Organic pollutants	August 14	10:30-10:45
397	An	Liu	Understanding dissolved organic matters in reclaimed water and stormwater: Implications for reuse safety	Organic pollutants	August 14	10:45-11:00
476	Jiangkai	Xue	Molecular Insights on the Impacts of Fe-Organic Matter Associations on Iodine Mobilization in alluvial-lacustrine aquifers	Organic pollutants	August 14	11:00-11:15

12	Niall	O Brolchain	Using Artificial Intelligence and Big Data to inform Peatland Policy Development	Peat	August 14	11:45-12:00
413	Andre	Banning	Coupled hydrogeochemical cycles and aqueous release potential from used peatlands	Peat	August 14	12:00-12:15
737	Saeed	Alsamhi	Sustaining Vitality: A Conceptual Framework for Peatland Preservation and Health Equity	Peat	August 14	12:15-12:30
775	Margaret	Waskow	Examining the Potential Impact of a Peatland Policy Portal for Europe in Reducing GHG Emissions	Peat	August 14	12:30-12:45
852	Cáit	Gleeson	Aligning policies to facilitate wetland restoration for a climate friendly and healthy environment	Peat	August 14	12:45-13:00
103	Jim	Ippolito	Per- and Polyfluoroalkyl Substances in Biosolids versus Beneficial Use of Biosolids in Agriculture	PFAS 1	August 14	15:30-15:45
126	Viraj	Gunarathne	Ecotoxicological effects of PFAS compounds on acute avoidance, lethality, and reproduction of earthworms (<i>Eisenia fetida</i>) and soil microbial communities	PFAS 1	August 14	15:45-16:00
127	Jörg	Rinklebe	Effectiveness of a novel organoclay in contrast to colloidal activated carbon for the PFAS immobilization under dynamic redox conditions and assessing the response of soil microbial communities	PFAS 1	August 14	16:00-16:15
231	Albert	Juhasz	Toxicokinetic and bioavailability considerations for estimating PFAS exposure via the oral ingestion pathway	PFAS 1	August 14	16:15-16:30
309	Dengchao	Liu	Per- and polyfluoroalkyl substances (PFASs) in surface water of Ningxia in northwestern China: Occurrence, spatiotemporal distribution, source apportionment and potential risk	PFAS 1	August 14	16:30-16:45
522	Kang	Xia	Occurrence of PFAS in pasture lands of Virginia, United States	PFAS 2	August 14	17:15-17:30
578	CHUANZI	GAO	Factors Influencing Concentrations of PFAS in Drinking Water: Implications for Human Exposure	PFAS 2	August 14	17:30-17:45
589	yunhui	zhang	Effects of PFAS exposure on children gut microbiota dysbiosis and neurobehavioral development	PFAS 2	August 14	17:45-18:00

679	Yanyan	Zhang	Unravel the defluorination mechanism and structural dependence of per- and polyfluoroalkyl substances (PFAS) for pollution control and optimal design of alternatives.	PFAS 2	August 14	18:00-18:15
975	Hongwen	Sun	Release of perfluoroalkyl substances from point sources with attempt to identify new analogues	PFAS 2	August 14	18:15-18:30
164	Yang	Ding	Sedimentary records of persistent organic pollutants (OCPs and PCBs) in Ngoring Lake, the central Tibetan Plateau, China: Impacts of westerly atmospheric transport and cryospheric melting	POPs & PAHs	August 15	14:30-14:45
421	Zhengnan	Cen	Advancing Breathomics Accuracy through Precise Discrimination of Endogenous and Exogenous Volatiles in Human Breath	POPs & PAHS	August 15	14:45-15:00
552	Mengyang	Liu	Anthropogenic impacts on polycyclic aromatic hydrocarbon sedimentation in the basin of the Eastern Indian Ocean	POPs & PAHs	August 15	15:00-15:15
593	Feng	Hu	Distinct physiological and molecular responses of regulated endogenous IAA on fluoranthene uptake in ryegrass	POPs & PAHs	August 15	15:15-15:30
653	Roberto Xavier	Supe Tulcan	Microplastics and Polycyclic Aromatic Hydrocarbons in Ports Worldwide: Concentrations and Associated Risks	POPs & PAHs	August 15	15:30-15:45
335	Juan	Liu	Probing thallium transformation behavior from soil to paddy system	Potentially Toxic Elements 1	August 15	14:30-14:45
701	Huimin	Cao	Migration and transformation characteristics of chromium (Cr) in different soil-paddy system	Potentially Toxic Elements 1	August 15	14:45-15:00
919	Lirong	Liu	Nonnegligible organic pollution released from common artisanal clusters of nonferrous mining area	Potentially Toxic Elements 1	August 15	15:00-15:15
923	Yanjun	Jiang	Formation and Stability Mechanism of Cd-organic-mineral Colloids in Aquatic Environments : Nanoscale Distribution and Molecular Transformation	Potentially Toxic Elements 1	August 15	15:15-15:30
992	MEINA	GUO	Biological soil crusts as startup for the natural restoration of rare earth elements tailings: A microstructure study	Potentially Toxic Elements 1	August 15	15:30-15:45
14	Xiaomin	LI	Transformation of exogenous lead in soil during anoxic-oxic alteration: Insights into the roles of phosphorus and organic matter from kinetic modeling	Potentially Toxic Elements 2	August 15	16:15-16:30

177	Sofí-a	Da Rocha	Monitoring the level of heavy metal contamination in sediments from San Antonio stream, Salto, Uruguay with Medical Geology applications.	Potentially Toxic Elements 2	August 15	16:30-16:45
277	Zhifang	Xiao	Chemical Speciation and Release Behavior of Copper in Contaminated Soil Aggregates: The Influence of the Intra-aggregate Radial Distribution	Potentially Toxic Elements 2	August 15	16:45-17:00
518	Miloš	Miler	Behaviour of solid carriers of potentially toxic elements in Slovenian historical Pb-Zn mining waste deposits as a consequence of climate change	Potentially Toxic Elements 2	August 15	17:00-17:15
587	Saša	Kos	Occurrence and fate of metal-bearing particles in soils in Pb-Zn mining and mineral processing area (The Upper Meža Valley, Slovenia)	Potentially Toxic Elements 2	August 15	17:15-17:30
265	Shaobin	Wang	Influence of environmental pollution on life expectancy: A scoping review	Public Health	August 15	11:45-12:00
668	Michal	Molcho	Child and adolescent health in a time of environmental crisis	Public Health	August 15	12:00-12:15
688	Laura	Langan	One health and the use of "omics-technologies"	Public Health	August 15	12:15-12:30
808	Ben	Ryan	Shaping environment and health system resilience through the UNDRR public health scorecard	Public Health	August 15	12:30-12:45
835	Bryan	Brooks	Integrative Water Quality Challenges and Opportunities on an Urbanizing Planet	Public Health	August 15	12:45-13:00
67	Theophilus	Davies	Combatting neonatal, maternal and child deaths from ionising radiation exposure around gold and uranium mines in South Africa: a medical geology perspective	Radon Risk	August 15	10:00-10:15
285	Stefano	Albanese	Rn-222 in tap waters of an Italian volcanic region. Stochastic risk assessment vs. guideline approach.	Radon Risk	August 15	10:15-10:30
416	Chuanlei	Liu	Long-term outdoor radon-222 dose rate monitoring in Canada	Radon Risk	August 15	10:30-10:45
429	Qiaohui	Fan	Interaction mechanism of radiocesium on Beishan granite at a molecular scale	Radon Risk	August 15	10:45-11:00

514	Olga	Belyaeva	Environmental Radiation Studies in Urban Environment: Case Study of Yerevan, Armenia	Radon Risk	August 15	11:00-11:15
79	Pakshirajan	Kannan	Biological removal and recovery of lanthanum from electronic waste leachate using the lanthanum binding protein lanmodulin from <i>Methylobacterium extorquens</i>	Remediation	August 15	11:45-12:00
111	Soili	Solismaa	Long-term soil degradation and remediation needs in the historical Outokumpu Cu–Co–Zn mining area, Finland	Remediation	August 15	12:00-12:15
371	Xia	Wang	Improvement of alfalfa resistance against Cd stress through rhizobia and arbuscular mycorrhiza fungi co-inoculation in Cd-contaminated soil	Remediation	August 15	12:15-12:30
536	Fan	Zhu	Effects of cadmium stress on the enrichment characteristics and photosynthetic capacity of pepper from different varieties	Remediation	August 15	12:30-12:45
786	Liping	Fang	Defects Engineering in Goethite for Sustainable Paddy Soil Remediation	Remediation	August 15	12:45-13:00
563	Ling	Li	Secondary precipitates of sediments in karst mining-impacted fluvial system: effective scavengers of heavy metals	Sediments	August 15	14:30-14:45
704	Beibei	Chai	Microbial pathways in the coupling of iron, sulfur, and phosphorus cycles at the sediment–water interface of a river system: An in situ study involving the DGT technique	Sediments	August 15	14:45-15:00
739	Zetao	Dai	Loss of functional diversity after <i>Spartina alterniflora</i> invasion reduces carbon sequestration and nitrogen removal in mangrove sediments	Sediments	August 15	15:00-15:15
741	Gang	Pan	Oxygen nanobubbles for water/sediment pollution remediation and ecological restoration	Sediments	August 15	15:15-15:30
978	Yanqing	Sheng	Application of co-pyrolyzed dredged sediment for the in situ remediation of Cd polluted sediments in coastal rivers	Sediments	August 15	15:30-15:45
139	Lei	Huang	Health effects of exposure and supplement of selenium: a two-step study	Soil Quality	August 15	10:00-10:15
175	Zhongmin	Dai	Novel root exudate mediated pathways of rice rhizosphere Cd mitigation	Soil Quality	August 15	10:15-10:30

513	Chen	Ning	Heterogeneity of phosphorus sources invokes distinct niche partitioning pathways of ectomycorrhizal fungi in forest soils	Soil Quality	August 15	10:30-10:45
555	Xingmei	Liu	A double-edged sword effect of selenium supplementation on cadmium exposure revealed by multi-dimensional omics	Soil Quality	August 15	10:45-11:00
713	Yan	He	Chlorinated organic pollutants in global flooded soils and sediments: potential risk of increased methane emission	Soil Quality	August 15	11:00-11:15
51	Dharani Dhar	Patra	Soil Health, Plant Health and Human Health	Soil Threats	August 15	16:15-16:30
187	Yi jin	Lv	Soil moisture dynamics regulates the release rates and lability of copper in contaminated paddy soils	Soil Threats	August 15	16:30-16:45
620	Diogo	Machado	A Tiered Risk Assessment Approach for Assessing Soil Contamination in an Area Adjacent to a Chemical Complex	Soil Threats	August 15	16:45-17:00
690	Mingzhou	Qin	Spatiotemporal characteristics of soil erosion in a typical watershed consisting of different landscape: A case study of the Qin River Basin	Soil Threats	August 15	17:00-17:15
753	Carla	Patinha	Soil Salinization evolution: a case-study of Baixo Vouga Lagunar	Soil Threats	August 15	17:15-17:30
20	Zhan	Ban	Tipping points of marine phytoplankton to multiple environmental stressors	Statistical Modelling	August 15	10:00-10:15
198	Joseph	Ayotte	Using machine-learning models to assess water availability relative to socioeconomic status variables in the Northeast United States	Statistical Modelling	August 15	10:15-10:30
561	Yan	Zheng	Multifaceted Health Effects of Chronic Exposure to Drinking Water Arsenic in Bangladesh	Statistical Modelling	August 15	10:30-10:45
768	Yan	Zheng	On groundwater arsenic spatial heterogeneity across scales	Statistical Modelling	August 15	10:45-11:00
826	Anne	Nigra	Novel US nationwide estimates of regulated public water contaminants at various spatial and temporal resolutions for epidemiologic study	Statistical Modelling	August 15	11:00-11:15

173	Nan	Lin	Body burden of exposure to volatile organic compounds from using feminine hygiene products: Integrating measurement data and physiologically based toxicokinetic model	Volatile Organic Compounds	August 15	11:45-12:00
449	Laigang	Hu	Double-walled Al-based MOF with large microporous specific surface area for trace benzene adsorption	Volatile Organic Compounds	August 15	12:00-12:15
543	Xin	Li	Emissions of biogenic volatile organic compounds from urban green spaces in the core districts of Beijing	Volatile Organic Compounds	August 15	12:15-12:30
661	Erik	Uhde	Volatile organics and odors in the indoor environment	Volatile Organic Compounds	August 15	12:30-12:45
811	Cunteng	Wang	Numerical study of the dispersion of volatile organic compounds released from liquid crystal displays in an office	Volatile Organic Compounds	August 15	12:45-13:00
204	Wenzhi	Cao	Riverine nutrient fluxes and environmental effects on China's estuaries	Water Environment Health	August 14	15:30-15:45
263	Feifei	Wang	Multiple stable isotopic approaches for tracing nitrate contamination sources: Implications for nitrogen management in complex watersheds	Water Environment Health	August 14	15:45-16:00
278	Sheng-Chang	YANG	Benthic macro-faunal community characteristics in Xiatanwei mangrove restoration wetland	Water Environment Health	August 14	16:00-16:15
286	Lei	Jin	Enhanced Water Resource Allocation in Zhangzhou City Utilizing Type-2 Fuzzy Multi-Objective Programming Algorithm	Water Environment Health	August 14	16:15-16:30
311	Yaci	Liu	Pollution characteristics of microplastics in southeast coastal areas of China	Water Environment Health	August 14	16:30-16:45
110	Hui	Liu	Interaction characteristics and environmental effects of iron-enriched features in river-water/groundwater interactions	Water Quality 1	August 13	10:00-10:15
137	Guangxue	Wu	Enhanced anaerobic digestion of complex organic carbon under tetracycline-stressed conditions	Water Quality 1	August 13	10:15-10:30
411	Sabry	Shaheen	Vanadium in the soil-water nexus: fate, governing factors, potential risk, and remediation approaches	Water Quality 1	August 13	10:30-10:45

740	jingjing	du	Rapid in-situ identification of arsenic species using a portable Fe3O4@SiO2@UiO-66@Ag SERS substrate	Water Quality 1	August 13	10:45-11:00
761	Jianbing	Li	Emulsified oil adsorption using sorbent developed from co-pyrolysis of oily sludge and sawdust	Water Quality 1	August 13	11:00-11:15
362	YUANJING	ZHANG	Research of high iodine in deep groundwater in the Zhangwei watershed, North China Plain	Water Quality 2	August 13	11:45-12:00
386	Jiping	Wang	Optimized Coordination of Urban Water Use System in Minjiang River Basin based on the SWAT model Under Influence of Climate Change	Water Quality 2	August 13	12:00-12:15
412	Luan	Cheng	Spatio-temporal dynamic characteristics of water-related ecosystem service interactions in the Min Delta Urban Agglomerations from 2000 to 2020 : implications for water environmental protection and sustainable management of water	Water Quality 2	August 13	12:15-12:30
437	Yunlong	Guo	Spontaneous iodide activation at the air–water interface of aqueous droplets	Water Quality 2	August 13	12:30-12:45
1008	Yuxiao	Xu	Sulfur disproportionation-methanogenesis co-driven organic matter conversion processes can promote iodine enrichment in groundwater in middle reaches of Yangtze River	Water Quality 2	August 13	12:45-13:00
698	Bo	Gao	Substantial burial of terrestrial microplastics in the Three Gorges Reservoir, China	Water Quality 3	August 13	15:30-15:45
847	Jovana	Radosavljevic	Tracing historical water quality changes in a Canadian lake: Unveiling shifts from agriculture to urbanization from sediment cores	Water Quality 3	August 13	15:45-16:00
895	lianjie	fan	Hydrochemical characteristics and water quality evaluation of pore confined water in Qiongbei Basin,Hainan Island	Water Quality 3	August 13	16:00-16:15
896	xie	hao	The Hydrochemical Characteristics and Metal Element Health Risk Assessment of Typical Karst Springs in Northern China	Water Quality 3	August 13	16:15-16:30
1002	Liu	Jing	A method for quantifying the contribution of algal sources to CODMn in water bodies based on ecological chemometrics and its potential applications	Water Quality 3	August 13	16:30-16:45
182	Hao	Tian	Identification of methane cycling pathways in Quaternary alluvial-lacustrine aquifers using multiple isotope and microbial indicators	Water quality 4	August 13	17:15-17:30

206	Patrick Kirita	Gevera	High fluoride in drinking water sources in Kenya and their health implications: Challenges of establishing local solutions	Water quality 4	August 13	17:30-17:45
325	Yao	Du	Regulation of Hydrologic Connectivity on Lacustrine Groundwater Discharge to Determine Nutrient State of Lakes	Water quality 4	August 13	17:45-18:00
560	Bing	Yan	Highly Sensitive Visual Detection of Ammonia Nitrogen in Groundwater by a Multi-emission fluorescent Tb-MOF	Water quality 4	August 13	18:00-18:15
628	Xiaofang	Yuan	Enrichment of methylated arsenic in alluvial-lacustrine aquifers: evidence from gas isotopes and metagenomics	Water quality 4	August 13	18:15-18:30
229	Jialin	Chi	Molecular-scale probing of Fe oxyhydroxides-DOM interactions and their implications for the immobilization of heavy metal	Wetland	August 14	17:15-17:30
372	Bo	Zhang	Biodegradation of atrazine with biochar-mediated functional bacterial biofilm: Construction, characterization and mechanisms	Wetland	August 14	17:30-17:45
373	Ying	Zhang	In-Situ Enhanced Bioremediation Effects and Mechanisms of Herbicides Contaminated Black Soil with Multifunctional Soil Biological Fertilizer	Wetland	August 14	17:45-18:00
884	Manlin	Su	Changes and determinants of iron-bound organic carbon in coastal wetlands	Wetland	August 14	18:00-18:15
943	Lu	Sun	Levels, drivers and potential sources of heavy metal in riparian soils of the inflow rivers of Baiyangdian wetland	Wetland	August 14	18:15-18:30

Plenary

102	Tao	Shu	Cost and Health benefits of promoting clean cooking and heating in rural China	Plenary 1	August 12	08:45-09:15
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98	Tong	Zhu	Maximizing the Health Benefits of Air Pollution Control and Climate Change Mitigation	Plenary 2	August 12	09:15-09:45
537	Guibin	Jiang	New pollutants study in China: History & future perspective	Plenary 3	August 12	14:30-15:00
85	Yanxin	Wang	Mapping Distribution of Geogenic Contaminated Groundwater Using Machine Learning Methods	Plenary 4	August 12	15:00-15:30
50	Robert	Finkelman	Medical Geology: 20 Years of Progress	Plenary 5	August 13	09:00-09:30
146	Jose	Centeno	Medical Geology - Integrating Environmental Science, Public Health and Earth Science	Plenary 6	August 13	09:30-10:00
487	Alecos	Demetriades	Standardisation of Applied Geochemical Methods	Plenary 7	August 13	14:30-15:00
119	Qiuming	Cheng	Integration of Big Data and AI Techniques for Understanding Arsenic Behaviour in Mineralization Processes	Plenary 8	August 13	15:00-15:30
86	Fang-Jie	Zhao	Arsenic biogeochemistry in paddy soil and strategies to limit arsenic accumulation in rice	Plenary 9	August 14	09:00-09:30
709	Ming-Hung	Wong	Food contamination and health impacts: Geochemical and environmental pollutants	Plenary 10	August 14	09:30-10:00
333	Xueqiu	Wang	Chemical Earth Program: Global Geochemical Observation Networks	Plenary 11	August 14	14:30-15:00
40	Minhan	Dai	Coastal Ocean Under Intensifying Human Activities and Changing Climate: from Science to Sustainability and needs for a digital twin platform	Plenary 12	August 14	15:00-15:30
72	Bojie	Fu	Ecosystem Health and Sustainable Development	Plenary 13	August 15	09:00-09:30
83	Donald	Sparks	Climate, Soil, and Health Nexus: Grand Challenges in a Changing Environment	Plenary 14	August 15	09:30-10:00

POSTER

5	Chaosheng	Zhang	Towards Local Thinking in Environmental Data Analysis		August 12-13	09:00-18:30
56	Yao	Huang	Nano zerovalent iron supported on chitin microspheres for the removal of combined pollutants		August 12-13	09:00-18:30
63	jibin	Chen	Feasibility study of Basalt Fiber Reinforced Polymer Bolts (BFRPB) for slope protection engineering		August 12-13	09:00-18:30
90	Bing	Liao	Heterogeneous activation of peroxymonosulfate by natural chalcopyrite for efficient remediation of groundwater polluted by aged landfill leachate		August 12-13	09:00-18:30
96	Quan	Zhang	MtDNA copy number in oral epithelial cells serves as a potential biomarker of mitochondrial damage under neonicotinoids exposure: a cross-sectional study		August 12-13	09:00-18:30
113	Alexys	Boim	Temporal dynamics of Iron and Manganese distribution: Insights from a multi-year analysis using Canonical (MANOVA)-Biplot		August 12-13	09:00-18:30
144	Ting	Ruan	Expanding the Concerned List of Priority Polycyclic Aromatic Compounds Utilizing High-Resolution Mass Spectrometry Assisted by In Silico Predictions		August 12-13	09:00-18:30
165	WANG	ZHENGLU	Wastewater surveillance for antibiotics and resistance genes in a river catchment: spatiotemporal variations and the main drivers		August 12-13	09:00-18:30
179	Beiming	Cai	The economy-employment-environmental health transfer and embedded inequities of China's capital metropolitan area		August 12-13	09:00-18:30
195	Zijia	Liu	Assessment of heavy metal contamination in the soil and maize from an agricultural area in Northeast China		August 12-13	09:00-18:30

196	Qingjie	Gong	Using geochemical gene to deduce nutrient trace elements in ecology and health geology		August 12-13	09:00-18:30
214	Changzhou	Yan	River health assessment reveals the effectiveness of watershed management in a pre-urban river		August 12-13	09:00-18:30
215	Guo	Liu	Insights into the effects of natural pyrite-activated sodium percarbonate on tetracycline removal from groundwater: Mechanism, pathways, and column studies		August 12-13	09:00-18:30
216	Jie	Tang	Identification of Hydrogeochemical Zonation in Metal Mines and a Remediation Guide for AMD Pollution in Dexing, China		August 12-13	09:00-18:30
222	Junrui	Chang	Thermal comfort investigation of 4-6 years old children by repeated measurement		August 12-13	09:00-18:30
223	Mao	Jie	Protonated carbon nitride elicits microalgae for water decontamination		August 12-13	09:00-18:30
224	Jennifer	Doig	Investigating the impact of canonical tumour suppressor loss on development of malignant pleural mesothelioma.		August 12-13	09:00-18:30
230	Linfang	Wang	Pollution characteristics and Risk Assessment of antibiotics in Fenhe River		August 12-13	09:00-18:30
257	Shuping	Ren	PFOS causes HK-2 cell injury through ferroptosis and endoplasmic reticulum stress pathways		August 12-13	09:00-18:30
261	Jianxiong	Hu	National mortality burden attributable to the unprecedented heatwaves in 2022 in China		August 12-13	09:00-18:30
262	Junfang	Cui	A novel tool for tracing water sources of streamflow in a mixed land-use catchment		August 12-13	09:00-18:30
275	Danielle	McKinven	The roles of ERBB Signalling in Epithelioid Malignant Pleural Mesothelioma		August 12-13	09:00-18:30
283	Xinya	Hong	Investigating the Link Between Pleural Effusion and Mesothelioma Development in Genetically Defined Mouse Models Using Ultrasound		August 12-13	09:00-18:30

289	HAFIZ MUHAMMAD	IRSHAD	Fe-Mg bimetallic biochar: A novel strategy for stabilization of multi-metal contaminated soils		August 12-13	09:00-18:30
298	Chunlei	Liu	Evaluation of Heavy Metal Pollution and Health Risk Assessment in the Waters of the Quanzhou Bay Coastal, China		August 12-13	09:00-18:30
314	Min	Liu	Urban agglomerations as an environmental dimension of antibiotics transmission through the "One Health" lens		August 12-13	09:00-18:30
336	Tao	Yu	The bioavailability of soil selenium in high geological background areas		August 12-13	09:00-18:30
338	Chunlei	Huang	Mechanism of Soil Selenium Enrichment and the Influencing Factors of its Availability in Jinqiu Basin		August 12-13	09:00-18:30
340	Xiuli	Chang	Effects of Environmentally Relevant Concentration of SCCPs on BV2 Microglia Activation and Lipid Metabolism, Implicating Altered Neurogenesis		August 12-13	09:00-18:30
342	Yingxin	Wu	Behavior and fate of short chain chlorinated paraffins (SCCPs) in different oxidation reactions		August 12-13	09:00-18:30
345	Wencheng	Wu	Soil and groundwater contaminated with short-chain chlorinated paraffins and microbial responses		August 12-13	09:00-18:30
346	Yue	Zhang	Nitrogen cycle in Tokyo's Sewage System: Assessing the Potential of Recycling Nitrogen Resource		August 12-13	09:00-18:30
355	Yi	Zheng	Ambient Air Pollution and Hospital Admission for Interstitial Lung Diseases		August 12-13	09:00-18:30
357	Xing	Wu	Variable climatic conditions dominate decreased wetland vulnerability on the Qinghai-Tibet Plateau: Insights from the ecosystem pattern-process-function framework		August 12-13	09:00-18:30
358	Guanhao	He	Associations of compound hot extreme in warm season with adults' blood pressure and its potential driving factors: a panel study		August 12-13	09:00-18:30
364	Jinguang	Yang	A novel pH-responsive multi-component nano-delivery system for siRNA: specific targeting of heat shock protein 70 for effective control of tobacco mosaic virus		August 12-13	09:00-18:30

367	Qian	Zhang	Soil Fe dynamics and isotope fractionation under agricultural soils		August 12-13	09:00-18:30
375	Changhe	Wei	Industrial site pollution identification based on explainable machine learning: A case study of nonferrous metal industrial sites in China		August 12-13	09:00-18:30
382	Tong	Liu	Multimics sequencing and AlphaFold2 analysis of the stereoselective behavior of mefentrifluconazole for bioactivity improvement and risk reduction		August 12-13	09:00-18:30
389	Ningqiang	Liu	Spatio-temporal synchronization: a new method for identifying the geochemical field pattern		August 12-13	09:00-18:30
398	Junfeng	Shen	China Medical Stone - A special kind of geological material with bidirectional effect on nutrient trace elements		August 12-13	09:00-18:30
399	Madeleine	Billmann	Effect of aging on oral bioaccessibility of Cr and Ni in soils with or without changes in practices		August 12-13	09:00-18:30
408	Jennifer	Newell	Investigating ingestion risks from soils and vegetables grown in urban lead-contaminated soil, and mitigation by soil amendments		August 12-13	09:00-18:30
426	Shuiping	Dai	Assessment on the cytotoxicity and associated health risk of PM2.5 derived from different fuel burning in varying household microenvironments		August 12-13	09:00-18:30
439	Yonghua	Wang	Geochemical Influences on Soil Carbon Pools in the Jialing River Basin, China		August 12-13	09:00-18:30
442	Lin	Ye	The role of NLRP3 in pyroptosis of hepatocyte induced by PS-MPs		August 12-13	09:00-18:30
445	Meng	Zhang	Insights into the mechanisms underlying the biodegradation of phenanthrene in biochar-amended soil: From bioavailability to soil microbial communities		August 12-13	09:00-18:30
451	Yang	Liu	Studies on the Bioaccessibility of Arsenic in Different Wild Edible Mushrooms		August 12-13	09:00-18:30
453	Ling	Song	The impact of atmospheric N deposition and N fertilizer type on soil nitric oxide and nitrous oxide fluxes from agricultural and forest Eutric Regosols		August 12-13	09:00-18:30

454	Liping	Liu	Analysis and Study of Eight Arsenic Forms in Urine by HPLC-ICP/MS		August 12-13	09:00-18:30
485	Xianjin	Tang	Methane Emissions from Paddy Soils is Reduced by Soil Arsenic Content: Insight from Continental Investigation and Laboratory Incubation		August 12-13	09:00-18:30
500	Dawei	Lu	Tracing the source of pollutants via digital technology		August 12-13	09:00-18:30
501	Wende	Yan	Soil microbial respiration and its driving factors in four subtropical forests		August 12-13	09:00-18:30
519	German	Azcune	Historical trends of mercury in Nutrias Lagoon, Uruguay		August 12-13	09:00-18:30
524	Taotao	Yan	Characteristics of geochemical gene in a longevity village of Bama in Guangxi, China		August 12-13	09:00-18:30
526	Chunshui	Lin	Secondary pollution in northwest China		August 12-13	09:00-18:30
553	Liping	Liang	Immobilization of nanoscale zero-valent iron on MIL-101(Cr) for efficient removal of U(VI) and assessment of inactivate against Escherichia coli		August 12-13	09:00-18:30
566	Xiangwei	You	The co-addition of attapulgate and biochar mitigates ammonia and nitrous oxide emissions and shortens composting cycle during Enteromorpha prolifera composting		August 12-13	09:00-18:30
571	Kai	Liu	A core-shell structured strategy of iron/carbon materials for the efficient oxidation and immobilization of arsenic in paddy soil		August 12-13	09:00-18:30
572	Ruimin	Liu	Analysis of the Source and Multimedia distribution for Antibiotics in the Fenhe River Basin		August 12-13	09:00-18:30
575	Yiyun	Zhang	The relationship between Environment pollutions and serum IgE level in Chinese school age children		August 12-13	09:00-18:30
576	Qi	Wang	Application of Adverse outcome pathway (AOP) network approach to study reproductive toxicity induced by endocrine disruptor Chemicals		August 12-13	09:00-18:30

577	Xiangyang	Shu	Effects of grazing exclusion on soil microbial diversity and its functionality in grasslands		August 12-13	09:00-18:30
602	Dominika	Lubawska	Novel therapeutic strategies for malignant mesothelioma		August 12-13	09:00-18:30
608	VASILEIOS	ANTONIADIS	Enhancing <i>Sonchus oleraceus</i> Growth in Contaminated Mining Soil of Lavrio, Greece: Biostimulants Efficacy in Potentially Toxic Elements (PTEs) Remediation		August 12-13	09:00-18:30
654	Violina	Angelova	Evaluation of minerals, trace elements, and heavy metals in Bulgarian honey and health risk		August 12-13	09:00-18:30
660	Xiaoning	Lei	Imbalance of Gut Microbiota Induced By F-53B in Female Mice		August 12-13	09:00-18:30
687	Zacharenia	Kypridou	Soil mineralogy in support of a regional geochemical baseline study in Greece		August 12-13	09:00-18:30
702	Hanjiang	Pan	Replication of cabbage and spinach certified reference materials for biochemical analysis		August 12-13	09:00-18:30
719	Nora	Foley	Linking lead particulate matter in air filters to metal contamination in soils near a lead-acid battery smelter, East Los Angeles, California, U.S.A.		August 12-13	09:00-18:30
726	Shujian	Yuan	Viral and Bacterial Communities Collaborate through Complementary Assembly Processes in Soil to Survive Organochlorine Contamination		August 12-13	09:00-18:30
729	Li	Xu	Exogenous IAA application affects the specific characteristics of fluoranthene distribution in <i>Arabidopsis</i>		August 12-13	09:00-18:30
766	Robert	Ayuso	Environmental Impact of Lead-acid Battery Recycling Smelters, East Los Angeles, California, U.S.A.: Pb Isotopic and Elemental Compositions of Soils		August 12-13	09:00-18:30
772	Apoorva	Bamal	Analyzing Temperature and Solar Radiation Trend Predictions using data driven Hybrid model		August 12-13	09:00-18:30
785	Zhiwei	Sun	An adverse outcome pathway framework of PM2.5 and vascular calcification		August 12-13	09:00-18:30

787	Junchao	Duan	PM2.5-induced cardiac hypertrophy via iron homeostasis imbalance and ferroptosis		August 12-13	09:00-18:30
795	Yuan	WEI	Theoretical principle, project practice, and research progress of forestry schistosomiasis control in China		August 12-13	09:00-18:30
801	Shuqin	Tang	Prenatal Exposure to Emerging Plasticizers and Synthetic Antioxidants and Their Potency to Cross Human Placenta		August 12-13	09:00-18:30
810	Haichao	Zhou	Assessing the Role of Waterbirds in Heavy Metal Pollution Transfer within Shenzhen's Wetland Ecosystems		August 12-13	09:00-18:30
815	Wenxin	Shi	Effects of micro(nano) plastic size and concentration on the treatment performance of aerobic granular sludge systems and its toxicity mechanism		August 12-13	09:00-18:30
817	Song	Gao	Research on New Substances and Potential Health Impacts in the Pharmaceutical Industry Based on High-Throughput Methods		August 12-13	09:00-18:30
830	Bing	Zhang	Metagenomic analysis reveals the responses of microbial communities and nitrogen metabolic pathways to polystyrene micro(nano)plastics in activated sludge system		August 12-13	09:00-18:30
841	Xuezhu	Ye	Effects of K3PO4 and KOH modified biochar on the adsorption and remediation on Cd in water and soil environment		August 12-13	09:00-18:30
865	Hongxi	Ma	Effect and mechanism of activated persulfate degradation for RDX in military contaminated site: Laboratory- and pilot-scale studies		August 12-13	09:00-18:30
867	liao	riquan	Distribution Characteristics, Migration Behavior and Ecological Risk Assessment of Phthalate Esters in Qinzhou Bay, China		August 12-13	09:00-18:30
883	Haoliang	Lu	Formation of iron plaques on the surfaces of microplastics in wetlands: implications for heavy metal toxicity and microbial communities		August 12-13	09:00-18:30
909	Guangbo	Qu	Ion-Mobility Quadrupole Time-of-Flight Mass Spectrometry: A Novel Technique to Characterize the Environmental Organic Micropollutants		August 12-13	09:00-18:30
929	Yixuan	HOU	Three-dimensional distribution characteristics of multiple pollutants in the soil at a steelworks mega-site based on multi-source information		August 12-13	09:00-18:30

931	Sarah	Laing	ERBB signalling contributes to immune evasion in KRAS-driven lung adenocarcinoma		August 12-13	09:00-18:30
940	Ping	Han	Abundance, diversity and physiological preferences of comammox Nitrospira in urban groundwater		August 12-13	09:00-18:30
942	Jialiang	Tang	Tempo-spatial controls of total coliform and E. coli contamination in a subtropical hilly rural watershed without sewage treatments		August 12-13	09:00-18:30
945	Zhuoran	Luan	Study on spatial analysis of geological environment and long-lived villages , southern section of Taihang Mountain, Xingtai-Handan, China		August 12-13	09:00-18:30
950	Jiachun	Shi	Dynamic response of cadmium immobilization to a Ca-Mg-Si soil conditioner in the contaminated paddy soil		August 12-13	09:00-18:30
967	rongfei	wei	Impact of rhizosphere biostimulation on stable Cd and Zn isotope fractionation in Cd tolerant and hyper accumulating plants		August 12-13	09:00-18:30
976	Shahzad	Azeem	Community-Based Management of Waterborne Diseases and Data-Driven Risk Assessment for Health Policy Interventions		August 12-13	09:00-18:30
985	Wenxiao	Pan	Major Influence of Hydroxyl and Nitrate Radicals on Air Pollution by Environmentally Persistent Free Radicals		August 12-13	09:00-18:30
988	Xian	Liu	ChemNTP: Advanced Prediction of Neurotoxicity Targets for Environmental Chemicals Using a Siamese Neural Network		August 12-13	09:00-18:30
989	Wenxiao	Pan	Major Influence of Hydroxyl and Nitrate Radicals on Air Pollution by Environmentally Persistent Free Radicals		August 12-13	09:00-18:30
990	Dan	Chen	Preparation of fluopyram-loaded nanofiber nematicide and its biological activity against Meloidogyne incognita		August 12-13	09:00-18:30
991	Xiuguo	Wang	The fate, acute, and subchronic risks of dinotefuran in the water-sediment system: a systematic analysis at the enantiomer level		August 12-13	09:00-18:30
994	Hongbo	Sheng	Whether cattle and horse manure in pastural area will deteriorate water quality of local lakes?		August 12-13	09:00-18:30

1005	Lei	Guo	Geochemical Characteristics and Formation Mechanisms of Geothermal Fluids in the north-central part of the Xinding Basin		August 12-13	09:00-18:30
1009	Yang	Lu	Nanoscale Mechanisms of Arsenic Sequestration and Vertical Distribution in Soils with Natural High Backgrounds		August 12-13	09:00-18:30
1013	Shayan	Kabiri	Application of X-ray fluorescence core scanning for high resolution analysis of soil geochemical concentrations.		August 12-13	09:00-18:30