

INTERNATIONAL CLEANUP CONFERENCE

ADELAIDE 2026

INNOVATE. REMEDIATE. REGENERATE. TOGETHER FOR ONE EARTH
13 - 17 SEP 2026 ADELAIDE, AUSTRALIA

CLEANUP 2026 PROGRAM

Sunday, 13 September 2026

8:00 - 17:00	Exhibition and Poster Display Build, Hall L			
09:00 - 12:30	Workshop 1	Workshop 2	Workshop 3	Workshop 5
	City Room 1	City Room 2	City Room 3	City Room 4
	PFAS in Practice: Industry Response, Remediation, and Risk	Artificial Intelligence for Data Interpretation, Site Assessment and Monitoring of Contaminated Environments	Advanced Geological Methods for Predicting Contamination Flowpaths	Beyond Screening Levels: Ecological Risk Assessment of PFAS in Real-World Ecosystems
13:30 - 17:00	Workshop 1 continued	Workshop 2 continued	Workshop 4	Workshop 6
	City Room 1	City Room 2	City Room 3	City Room 4
	PFAS in Practice: Industry Response, Remediation, and Risk	Artificial Intelligence for Data Interpretation, Site Assessment and Monitoring of Contaminated Environments	Hands-on PFAS Modelling	Asbestos & Silica: The Next Occupational Contaminant Wave
15:00 - 18:00	Registration Foyer M			
15:00 - 18:00	Speaker Support, Foyer M			
17:30 - 18:30	Welcome drinks Foyer M			

Monday, 14 September 2026

7.30	Exhibition and Poster Displays Open, Hall L				
	Speaker Support, Foyer M				
	Registration Open, Foyer M				
OFFICIAL CONFERENCE OPENING					
Hall N					
8.30 - 9.00	Official Conference Opening				
9.00 - 9.45	Commemorative Brian Robinson Lecture: People and Planet: Shared Responsibilities and Policy Lessons from Large-Scale Remediation in Ogoniland, Nigeria Honourable Balarabe Abbas Lawal, Minister of Environment, Federal Republic of Nigeria				
9.45 - 10.15	Morning tea - Hall L				
CONCURRENT SESSION 1					
10.15 - 12.00	Session 1.1 PFAS - Defining PFAS & the Policy landscape	Session 1.2 PFAS-Advances in PFAS Detection and Analysis Sponsored by:  When you need to be sure	Session 1.3 Emerging and Recently Emerged Contaminants - Microplastics Sponsored by:  Environment Testing	Session 1.4 Legacy Contaminants, risks, and contaminated sites - Human health risks and exposure assessment	Session 1.5 Case studies-Site investigation, characterisation & CSM
Hall N					
City Room 1					
City Room 2					
City Room 3					
City Room 4					
Chair: Dr Jason Conder Co Chair: Dr Bryant Gagliardi					
Chair: Dr Jacob Jaine Co Chair: Robert Young					
Chair: Dr Shally Mahendra Co Chair: Dr Anu Kumar					
Chair: Dr Junaid Sadeque Co Chair: Jack Churchill					
Chair: Chris Cook Co Chair: Claire Miller					
10.15 - 10.30	316 1.1.1 DEFINITION OF PFAS - SO WHAT? WHO CARES?, Prof Paul Nathanael, LQM	312 1.2.1 PFAS TESTING: THE SUCCESSES, THE CHALLENGES, AND WHAT'S NEXT, Dr Heather Lord, ALS Laboratories	297 1.3.1 ROLLING POLLUTION: THE DARK REALITY OF TIRE-WEAR PARTICLES IN RUNOFF - CHEMISTRY AND ENVIRONMENTAL FATE, Prof Ajit K Samra, The University of Auckland	291 1.4.1 THE LEAD PARADOX: RISING CHILDHOOD EXPOSURE IN THE FACE OF EXPANDING SCIENCE AND GLOBAL INVESTMENT, Philip Goodrum, GSI Environmental Inc.	5 1.5.1 INTEGRATING FIELD-BASED MIP MEASUREMENTS TO REDUCE UNCERTAINTY AND COST IN SOIL REMEDIATION, Dr Sean Manning, G&B
10.30 - 10.45					110 1.5.2 WHEN OCCAM'S RAZOR IS DULLED: UNTANGLING THE COMPLEXITY OF URBAN CONCEPTUAL SITE MODELS, Matt Webb, GHD
10.45 - 11.00	311 1.1.2 LOW THRESHOLDS: INSTRUMENT SENSITIVITY, UNCERTAINTIES AND IMPLICATIONS FOR RISK QUANTIFICATION, Dr Nathan Camilleri, SGS	97 1.2.2 INTEGRATED LC-MS/MS ANALYSIS OF PFAS ACROSS EPA 163A, OIM-45 AND ULTRA-SHORT-CHAIN COMPOUNDS USING A HIGH-ROBUSTNESS UHPLC PLATFORM, James Pyke, Agilent Technologies Pty Ltd	6 1.3.2 ATMOSPHERIC MICROPLASTICS ARE UBIQUITOUS: EVIDENCE FROM A GLOBAL STUDY, Dr Julia Jaeger, Eurofins Environment Testing	211 1.4.2 MANAGING LEGACY CHLORINATED HYDROCARBON CONTAMINATION IN COMPLEX URBAN AQUIFERS: INSIGHTS FROM A GROUNDWATER PROHIBITION AREA REVIEW, Mr Simon Webb, Servserv Pty Ltd	171 1.5.3 WHEN MONITORING WELLS BECOME PATHWAYS: IDENTIFYING AND MANAGING LEGACY GROUNDWATER INFRASTRUCTURE RISKS AT A COMPLEX INDUSTRIAL SITE, Miss Ty Howell, Ghd
11.00 - 11.15		210 1.2.3 DEVELOPMENT AND VALIDATION OF A ROBUST OFFLINE SPE-ISOTOPE DILUTION METHOD FOR NINE PFAS IN AQUEOUS MATRICES, Moureen Egbuatu, University Of Newcastle	197 1.3.3 MICROPLASTIC POLLUTION IN WATER AND SEDIMENTS OF THE CAU RIVER FLOWING THROUGH THAI NGUYEN CITY, VIETNAM, Dr. Ngoc Son Hai Nguyen, Thai Nguyen University of Agriculture and Forestry, Vietnam	225 1.4.3 SURFACE WATER MANAGEMENT AT A FORMER OIL REFINERY IN SOUTH-EASTERN AUSTRALIA, Elaine Spence, Kleinfelder Australia	176 1.5.4 SAMPLING ON THE MOVE, Miss Salene Lao, GHD
11.15 - 11.30	276 1.1.3 REFRIGERANT TRANSITIONS AND HIDDEN LEGACIES: ADDRESSING TFA IN ENVIRONMENTAL CLEANUP, Yanju Liu, Ion/crcCARE	50 1.2.4 EMERGING ANALYTICAL CHALLENGES IN WATER: TRACE LEVEL AND SHORT-CHAIN PFAS, AOF, EOF, AND TF - INSIGHTS FROM PROFICIENCY TESTING STUDIES, Jenny Xu, National Measurement Institute Australia	105 1.3.4 MICROPLASTICS SPILLED IN THE MARINE ENVIRONMENT: ANALYSIS OF HIGH MOLECULAR WEIGHT POLYCYCLIC AROMATIC HYDROCARBONS (PAHS) IN PYROPLASTIC, Dr Marten Snel, Waters Australia	226 1.4.4 DIMINISHING RETURNS - REMEDIATING AN ORPHANED GOLD MINING FACILITY, CENTRAL VICTORIA, Dr Matt Edwards, Bluesphere Environmental	247 1.5.5 FINDING THE BOUNDARY: USING CHROMATOGRAPHIC FINGERPRINTING TO DIFFERENTIATE CONTAMINANT SOURCES DURING UNPLI DECONTAMINATION AT AN OPERATIONAL COAL MINE, Mr Carlos Briseno Covarrubias, GHD
11.30 - 11.45	101 1.1.4 SENSITIVE DETECTION OF TRIFLUOROACETIC ACID (TFA): ANALYTICAL METHOD DEVELOPMENT AND APPLICATION TO A SOUTH AUSTRALIAN WATERSHED, Dr. Harry Morris Rodriguez, CSIRO	206 1.2.5 APPLICATION OF MULTIPLE CHEMICAL ANALYTICAL TECHNIQUES FOR FORENSIC ANALYSIS OF PFAS TO IDENTIFY THEIR SOURCES, Dr Ian Ross, CDM Smith	Discussion Topic: From Detection to Decision: When Does an Emerging Contaminant Become a Priority? Discussion Leader: Prof Shally Mahendra	228 1.4.5 THE LONG ROAD TO REGULATORY CLOSURE - A SERVICE STATION'S JOURNEY FROM ASSESSMENT TO REMEDIATION TO CLOSURE, Mr Isaac Segal, Kleinfelder Australia Pty Ltd	Discussion
11.45 - 12.00	114 1.1.5 THE PFAS BLIND SPOT: UNDERSTANDING THE TRUE SCALE OF POTENTIALLY CONTAMINATED LAND IN AUSTRALIA Mr Howard Waldron, Lotsearch Pty Ltd	90 1.2.6 A HYBRID MULTISAMPLER-TANDEM QUADRUPOLE LC/MS APPROACH TO MITIGATE SOLVENT EFFECTS IN PFAS ANALYSIS, Dr Chris Faurace, Agilent Technologies		84 1.4.6 INTEGRATING HYDROCARBON SPILL MODELLING AND SEMI-QUANTITATIVE RISK ASSESSMENT FOR ENHANCED FUEL TERMINAL RISK MANAGEMENT, Simone Smith, Geosyntec Consultants	13.4 Topic: From Static Diagrams to Living CSMs: Are New Investigation Tools Improving Site Decisions?
12.00 - 12.55	Lunch - Hall L				

Monday, 14 September 2026 (cont)

PLENARY SESSION 1

Hall N		Plenary Session 1: Groundwater Contamination and Remediation: Approaches, Challenges, and Opportunities Professor Craig Simmons, Pro Vice-Chancellor, College of Engineering, Science and Environment									
13.45 – 13.40		Move to sessions rooms									
CONCURRENT SESSION 2											
		Session 2.1 PFAS-Regulatory Framework and Policies		Session 2.2 PFAS-Human Health Risk		Session 2.3 Emerging and Recently Emerged Contaminants - Pharmaceuticals, PPCPs and emerging organic contaminants		Session 2.4 Legacy Contaminants, risks, and contaminated sites - Groundwater and hydrocarbon contamination		Session 2.5 Case studies-Site Investigation, characterisation & CSA	
13.45 – 15.30		Sponsored by: 									
Hall N											
Chair: Stephen Beaman Co Chair: Madeleine Thomas			Chair: Dr Rainer Lohman Co Chair: Dr Yanju Liu			Chair: Prof Ajit Samrah Co Chair: Dr Marten Snel			Chair: Andre Smit Co Chair: Simon Welsh		
13.45 – 14.00			213 2.1.1			116 2.3.1			219 2.5.1		
14.00 – 14.15			303 2.2.1			48 2.3.3			96 2.5.4		
14.15 – 14.30			302 2.1.2			175 2.3.3			89 2.5.3		
14.30 – 14.45			155 2.1.3			182 2.3.4			200 2.5.4		
14.45 – 15.00			44 2.1.4			254 2.3.4			56 2.5.4		
15.00 – 15.15			213 2.1.4			260 2.3.4			153 2.5.4		
15.15 – 15.30			2.2.1			2.2.2			2.2.3		
15.30 – 16.00 Afternoon Tea - Hall L											
CONCURRENT SESSION 3											
		Session 3.1 PFAS-Ecological Risk Assessment		Session 3.2 PFAS-Biomonitoring & Exposure Pathway		Session 3.3 Emerging and Recently Emerged Contaminants - Remediation and ecotoxicology		Session 3.4 Legacy Contaminants, risks, and contaminated sites - Contaminated site management and sustainability		Session 3.5 Case studies-Site remediation	
16.00 – 17.45											
Hall N											
Chair: Prof Megharaj Mallavarapu Co Chair: Dr Bryant Gagliardi			Chair: Dr Ian Ross Co Chair: Paul Nicholson			Chair: A/Prof Mohammad Mahmudur Rahman Co Chair: Dr Julie Korczak			Chair: Simone Smith Co Chair: Kane Mitchell		
16.00- 16.15			289 3.1.1			305 3.2.1			88 3.5.1		
16.15 – 16.30			305 3.2.1			33.1			199 3.5.4		
16.30 – 16.45			51 3.1.2			183 3.3.1			35 3.5.3		
16.45 – 17.00			192 3.1.3			10 3.3.2			231 3.5.4		
17.00 – 17.15			229 3.1.4			136 3.3.4			24 3.5.4		
17.15 – 17.30			38 3.1.5			42 3.3.3			95 3.5.4		
17.30 – 17.45			262 3.1.6			214 3.3.4			163 3.5.4		
17.45 – 18.45 Networking Drinks and Poster Session - Hall L											
18.45 – Late CleanUp Connect - Meet in Foyer M/Registration Desk at 6:30pm for a 6:45pm Departure.											
Proudly Sponsored by:  											

7:30	Exhibition and Poster Displays Open, Hall L	
	Speaker Support, Foyer M	
	Registration, Foyer M	
PLENARY SESSION 2		
Hall N		
8.30 -8.40	Welcome Day 2	
8.40 - 9.25	Plenary Session 2: The Sling in the Tail: How Nature Reacts to PFASs Dr. Ian Ross, Global PFAS Practice Lead, CDM Smith	
9.25 - 10.10	Plenary Session 3: Making Safer Solutions Usable: Bridging Science, Tools, and Industry Decisions Dr. Lauren Heine, Inaugural Senior Fellow at the Green Science Policy Institute USA and Co-founder of ChemFORWARD	
10.10 - 10.40	Morning tea - Hall L	

CONCURRENT SESSION 4																			
10.40 - 12.25		Session 4.1 PFAS-Remediation Technologies: Integrated Management Strategies		Session 4.2 PFAS-Fate and Transport		Session 4.3 AI for Smarter Contaminated Site Assessment, Risk Characterisation and Remediation Decision-Making		Session 4.4 Legacy Contaminants, risks, and contaminated sites - metals and inorganic contamination		Session 4.5 Case studies-Brownfield redevelopment, risks & vapour									
Hall N				City Room 1				City Room 2				City Room 3				City Room 4			
Chair: Dr Irene Lo Co Chair: Dr Jens Blotvogel				Chair: Dr Rainer Lohman Co Chair: Dr Shervin Kabiri				Chair: Prof Biswajeet Pradhan Co Chair: Dr Alvin Lal				Chair: Christian Wallis Co Chair: Cheryl Swann				Chair: Dr Bhabananda Biswas Co Chair: Camillo Caladonato			
10.40 - 10.55		4.1.1 Overview of latest technologies in PFAS Remediations, Ramona Iery		317 4.2.1 THE IMPORTANCE OF INTERFACIAL PROCESSES IN PFAS FATE AND TRANSPORT IN THE UNSATURATED ZONE, Natalie Caprio, Cornell University		258 4.3.1 BURIED TREASURE: FROM PDF TO AGS DATA USING AI, Prof Paul Nathanael, LGM		93 4.4.1 LEAD APOCALYPSE: PORT PHILADELPHIA'S MOST CONTAMINATED TOWN, Mr Graeme Miller, Servens Pty Ltd		131 4.5.1 VAPOUR RISK, REAL ESTATE REALITY: A CHLORINATED SOLVENT CASE STUDY, Mr Steve Miller, Aurora Environmental									
10.55 - 11.10								104 4.4.2 IRON-MODIFIED BIOCHAR AND NITROGEN FERTILIZER MANAGEMENT COMBINEDLY REDUCED ARSENIC TRANSLOCATION IN RICE GRAINS UNDER FLOODED CONDITIONS, Md Imran Ullah Sarkar, University Of Newcastle		85 4.5.2 ACID SULFATE ROCK – WHAT IS IT? WHERE IS IT? AND DO WE NEED TO DO ANYTHING ABOUT IT? Mr Christopher Cook, Startec									
11.10 - 11.25		82 4.1.2 PROVEN AND PRACTICAL PFAS TREATMENT WITH ION EXCHANGE: LEARNINGS FROM THE US APPLIED TO AUSTRALIAN CHALLENGES, Cathy Swanson, Ecobab, Purafire Resins		146 4.2.2 VADOSE ZONE CONTROLS ON PFAS FATE AND TRANSPORT IN EFFLUENT-IRRIGATED SOILS, Dr Yanju Liu, University of Newcastle		142 4.3.2 REAL-TIME MONITORING AND PREDICTIVE ANALYSIS OF VOC FLUX VARIATIONS IN SOIL VAPOR: INTEGRATING PID SENSING WITH MACHINE LEARNING FOR ENHANCED VAPOR INTRUSION FORECASTS, Dr Liang Wang, The University Of Newcastle		120 4.4.3 GROUNDWATER TPH REDUCTION DYNAMICS DURING ACTIVE REMEDIATION IN OILFIELD: EVIDENCE OF REBOUND, SMEAR-ZONE PERSISTENCE, AND PROCESS-BASED CONTROLS, Raphael Saue, Hydrocarbon Pollution Remediation Project (HYPRP)		92 4.5.3 UNLOCKING STRATEGIC LAND FOR RESIDENTIAL REDEVELOPMENT AND 'OLYMPIC EPI': REMEDIATION AND TESTING OF THE UNEXPECTED FINDS PROTOCOL, Ms Christine Kennelly, Aurecon									
11.25 - 11.40		58 4.1.3 IN-PLACE MANAGEMENT OF PFAS-IMPACTED CONCRETE USING SEALANTS: FROM RAPID SCREENING TO INFORMED SELECTION, Dr Divina Angela Navarro, CSIRO		78 4.2.3 PFAS MASS QUANTIFICATION AND REDUCTION FOR 'SMART' REMEDIATION APPROACH, Benice Ng, Ghd Pty Ltd		127 4.3.3 ASSESSING AND COMPARING THE VULNERABILITIES OF REMEDIATION DESIGN PARAMETERS FROM HISTORICAL PERFORMANCE - AN AI-ASSISTED APPROACH, Scott Warner, BBJ Group / University of Newcastle		180 4.4.4 ARSENIC MOBILISATION - CASE STUDIES TO INFORM DISPOSAL OF ARSENIC CONTAMINATED SOILS AND TAILINGS, Dr Matthew Watts, EPA Victoria		238 4.5.4 ASBESTOS CEMENT PIPE REHABILITATION USING EPP (ENCAPSULATION PIPE RENOVAL), Ms Jean Meadmind, Emmerge Associates P/L									
11.40 - 11.55		26 4.1.4 NOVEL ADSORPTION METHOD FOR DOWNHOLE REMEDIATION OF PFAS IN GROUNDWATER, Naomi Cooper, Servens		212 4.2.4 THE PFAS DISTRIBUTION AND LOGKD AS INFLUENCED AND PREDICTED BY SOIL PROPERTIES FOR SPRAY FIELDS, Dr Simon Awayemi, University of Newcastle		168 4.3.4 FROM GOVERNANCE TO IMPACT: CASE STUDIES DEMONSTRATING PRACTICAL OUTCOMES FROM ELECTRONIC ENVIRONMENTAL DATA INTEGRATION, Mr Paul Steinwede, AECOM		113 4.4.5 ASSESSING HEAVY METAL POLLUTION LEVELS AND ASSOCIATED ECOLOGICAL RISKS IN PEATLAND AREAS IN THE MEGONG DELTA, Dr. Ngoc San Hai Nguyen, University of Agriculture and Forestry		179 4.5.5 CASE STUDY: REMEDIATION AND REDEVELOPMENT OF A FORMER 200 HECTARE PAPER MILL (2015-2025), Mr Kane Mitchell, Geosyntec Company									
11.55 - 12.10		243 4.1.5 IN SITU COLLOIDAL ACTIVATED CARBON FOR PFAS REMEDIATION IN GROUNDWATER: PERSPECTIVES FROM THE FIRST DECADE, Dr Jeremy Birmstingl, Regensis		218 4.2.5 PFAS VAPOUR INTUSSION: EMERGING FIELD EVIDENCE, KEY UNCERTAINTIES, AND IMPLICATIONS FOR REGULATION, Paul Nicholson, Geosyntec Consultants		166 4.3.5 COMPARATIVE EVALUATION OF AI/ML MODELS FOR OPTIMIZATION OF CHROMIUM REMOVAL FROM CONTAMINATED WATER USING REDUCED GRAPHENE OXIDE, Prof Priya Gupta, Jawaharlal Nehru University		185 4.4.6 NOVEL FLOATABLE CORE-SHELL STRUCTURED MICROSPHERES FOR CADMIUM REMOVAL FROM SOIL, Prof Xingqiang Wang, Institute Of Soil Science, Chinese Academy Of Sciences		4.5.6 Discussion Topic: From Laboratory Promise to Field Performance									
12.10 - 12.25		189 4.1.6 PFAS - THE FOREVER CHEMICAL NOW HAS AN EXPIRATION DATE, Mr Paul Callaghan, OLEOLOGY™		424 4.2.6 Q&A and Open Discussion		236 4.3.6 PIN: A RETRIEVAL-AUGMENTED AI PLATFORM FOR ENVIRONMENTAL KNOWLEDGE RETRIEVAL AND CONTAMINATED LAND DECISION SUPPORT, Adaf October, Independent		447 4.4.7 Discussion Topic: Total Concentration or Real Risk? Rethinking the Management of Metal-Contaminated Sites Discussion Leader: Phil Goodrum		Discussion Leader: Kane Mitchell									

CONCURRENT SESSION 5													
13.25 - 15.10		Session 5.1 Legacy Contaminants, risks, and contaminated sites - Innovation remediation technologies		Session 5.2 PFAS-Broadacre Biosolid		Session 5.3 AI for Smarter Contaminated Site Assessment, Risk Characterisation and Remediation Decision-Making		Session 5.4 PFAS-Remediation Technologies: Integrated Management Strategies		Session 5.5 Case studies-Sustainable remediation, circular economy & nature based solution			
								Sponsored by:					
													
Hall N		City Room 1		City Room 2		City Room 3		City Room 4					
Chair: Annette Nolan Co Chair: Jenny Xu		Chair: Dr Philip Goodrum Co Chair: Christian Wallis		Chair: Prof Priya Gupta Co Chair: Dr Liang Wang		Chair: Dr Belinda Goldsworthy Co Chair: Dr Divina Angela Navarro		Chair: Kane Mitchell Co Chair: Christine Kennelly					
13.25 - 13.40		293	5.1.1	THE FUTURE OF LEGACY CONTAMINATED SITES MANAGEMENT: NEW THEMES IN RISK AND SUSTAINABILITY THINKING, Paul Bardot, Managing Director @ - VIRTUAL	277	5.2.1	BIOSOLIDS IN TRANSITION: FROM NUTRIENT RESOURCES TO PFAS CHALLENGE – IMPLICATIONS FOR SOIL HEALTH, BIOTA, AND THE FOOD CHAIN, Professor Megharaj Mallavarapu, University of Newcastle	307	5.3.1	ADVANCING PFAS SITE MANAGEMENT: QUANTIFYING BACKGROUND, SIDE-BY-SIDE TREATMENT TECHNOLOGY DEMONSTRATIONS, AND FRAMEWORKS FOR PERFORMANCE EVALUATION, Dr Rula Deeb, Geosyntec Consultants	223	5.5.1	SOIL-MICROBE-PLANT-HYDROLOGY INTERACTIONS IN PHYTOREMEDIATION: A REVIEW OF PROCESSES AND REHABILITATION POTENTIAL AT THE PORGERA GOLD MINE, PAPUA NEW GUINEA, Mr Stanley Rungwa, Papua New Guinea University Of Technology
13.40 - 13.55											34	5.5.2	NATURE-BASED REMEDIATION REDUCES MASS DISCHARGE FROM A FRACTURED BASALT AQUIFER, Mr Camillo Coladonato, Dow Chemical (Australia) Pty Ltd
13.55 - 14.10		19	5.1.2	LOW-IMPACT, HIGH-EFFICIENCY: ADVANCING SUSTAINABLE REMEDIATION WITH BIOGENIC HEAT NSZD MONITORING, Regina Balogh, Wsp	263	5.2.2	PFAS IN BROADACRE SYSTEMS: PATHWAYS, RISK-BASED MANAGEMENT, STRATEGIES FOR SUSTAINABLE FOOD PRODUCTION, Dr Yanju Liu, University of Newcastle	268	5.3.2	PFAS PREDICTOR: A MACHINE LEARNING AND WEB-BASED PLATFORM FOR PREDICTING PFAS CONCENTRATIONS AND SOIL SORPTION PARAMETERS, Dr Alvin Lal, ctcCARE	29	5.4.2	THERMAL PFAS DESTRUCTION DURING FULL-SCALE HAZARDOUS WASTE INCINERATION, Dr Jero Bolevgaard, CSIRO
14.10 - 14.25		79	5.1.3	SUPPLEMENTING SOIL VAPOUR EXTRACTION WITH IN-WELL AIR SPARGING TO ACCELERATE RESIDUAL LNAPL REMEDIATION, Ms Emily Hoey, Stantec Australia Pty Ltd	274	5.2.3	AUTOMATING THE MECHANICAL FOR FASTER DATA EVALUATION, Mr Hugo Barry, AECOM	274	5.3.3	CONCRETECARETIN TECHNOLOGY TO IMMOBILISE PFAS IN THE CEMENTITIOUS MATERIALS, Mr Md Rashidul Islam, The University Of Newcastle	216	5.4.3	CONCRETECARETIN TECHNOLOGY TO IMMOBILISE PFAS IN THE CEMENTITIOUS MATERIALS, Mr Md Rashidul Islam, The University Of Newcastle
14.25 - 14.40		130	5.1.4	PHYTOREMEDIATION OF ARSENIC IN MINE WASTE CONTAMINATED SOIL USING POA LABILLARDIERI AND SOIL AMENDMENTS: A SHORT-TERM PILOT TRIAL AT THE GREATER BENICOO REGION OF VICTORIA, Dr Leadin Khudr, RMIT University	17	5.2.4	PFAS IMMOBILISATION UNDER CHANGING ENVIRONMENTAL CONDITIONS: ASSESSING LONG-TERM EFFECTIVENESS, Dr Shervin Kabiri, University Of Adelaide	125	5.3.4	USING MULTI-AGENTS TO IMPROVE TRACEABILITY AND EFFICIENCY OF PRELIMINARY SITE INVESTIGATIONS/PHASE 1 ASSESSMENTS, Mr Max Davies, Datasef	205	5.4.4	MITIGATING THE RISKS OF INCOMPLETE DECONTAMINATION USING A NOVEL SURFACE TESTING METHOD TO COMPREHENSIVELY ASSESS PFAS REMAINING THROUGHOUT FIRE FIGHTING SUPPRESSION SYSTEMS, Dr Ian Ross, GDM Smith
14.40 - 14.55		220	5.1.5	FROM CLEANUP COST TO VALUE CREATION: THE BUSINESS CASE FOR NATURE BASED SOLUTIONS AT REMEDIATION SITES, Mark Chapman, Aecom	70	5.2.5	SUSTAINABLE TREATMENT TECHNIQUES FOR PFAS STABILISATION IN CONTAMINATED BIOSOLIDS, Mrs Malheh Arab, Adelaide University	198	5.3.5	COMPREHENSIVE REVIEW ON THE APPLICATIONS OF MACHINE AND DEEP LEARNING MODELS IN PFAS MONITORING AND DETECTION, Dr Asadi Srinivasulu, ctcCARE	22	5.4.5	REACTOR SURFACE IMPACTS ON THE EVOLUTION OF TRANSIENT INTERMEDIATES DURING PFAS INCINERATION, Wenchao Lu, CSIRO Environment
14.55 - 15.10		5.1.6	Discussion Topic: Total Concentration or Real Risk? Rethinking the Management of Metal-Contaminated Sites Discussion Leader: Phil Goodrum	261	5.2.6	PFAS MANAGEMENT IN BIOSOLIDS THROUGH COOLED COUPLED PYROLYSIS AND GASIFICATION TECHNOLOGY: PILOT PLANT TRIALS, Nimisha Rathnayake, RMIT University	45	5.3.6	AI-DRIVEN MICROPLASTIC REMEDIATION FOR SUSTAINABLE CIRCULAR ECONOMY SOLUTIONS, Mr Ademil Adeseye, University Of Newcastle	45	5.4.6	THE LATEST ADVANCES IN TREATMENT OF PFAS IN CONCRETE: CASE STUDIES OF PFAS-IMPACTED CONCRETE TREATMENT FOR AIRSERVICES AUSTRALIA, Mr Andrew Kito, Ambiolock Australia	
15.10 - 15.40		Afternoon Tea - Hall L											

Tuesday, 15 September 2026 (cont)

CONCURRENT SESSION 6

15.40 – 17.25		Session 6.1 Planetary Boundaries and Environmental Exceedances		Session 6.2 PFAS-Remediation field case studies		Session 6.3 PFAS-Remediation Technologies: Integrated Management Strategies		Session 6.4 Legacy Contaminants, risks, and contaminated sites - Environmental monitoring, analytical methods and emerging tools		Session 6.5 Case studies-Professional practices, regulation & community engagement						
Hall N				City Room 1		City Room 2		City Room 3		City Room 4						
Chair: Dr Jens Blotvogel Co Chair: Jacqueline Connor				Chair: Prof Megharaj Mallavarapu Co Chair: Jeremy Blinzing		Chair: Dr Rula Deeb Co Chair: Cathy Swanson		Chair: Dr Ramona Iery Co Chair: Dr. Mohammad Jahruddin		Chair: Prof Paul Nathanael Co Chair: Meinda Morris						
15.40 – 15.55		292	6.1.1	DEFINING THE SAFE OPERATING SPACE AT NATIONAL LEVEL THROUGH THE ENVIRONMENTAL SUSTAINABILITY GAP (ESGAP) , Paul Bins, UCL Institute for Sustainable Resources University College London - VIRTUAL	208	6.2.1	OVERVIEW OF PFAS REMEDIATION FOR SOIL, GROUNDWATER, AND STORMWATER: A CASE STUDY PERSPECTIVE, Dr. Charles Newell, GSI Environmental Inc.	294	6.3.1	SUSTAINABLE REMOVAL OF PFAS FROM DRINKING WATER USING BIOCHAR THROUGH "CAPTURE-MINERALIZATION-REUSE", Dr Irene Lo, The Hong Kong University of Science and Technology	98	6.4.1	APPLICATIONS OF THE 1% OF SOLUBILITY DNAPL "RULG-ON-TUMB" AND BENEFITS OF FURTHER ASSESSMENT - A DATA DRIVEN APPROACH, Mr. Geoff Ellis, Cdm Smith	257	6.5.1	EFFECTIVE COMMUNICATION OF RISK - TO COMMUNITIES AFFECTED BY SOIL CONTAMINATION, WITH ADDITIONAL GEO-POLITICAL CHALLENGES, Mr Michael Stoford, Ancored
15.55 – 16.10											100	6.4.2	BIOGENIC INTERFERENCE CALCULATION (BIC) PROVIDES A NOVEL SOLUTION FOR ELIMINATING FALSE TRH DETECTIONS IN HIGHLY ORGANIC SEWAGE SLUDGE SAMPLES, Dr. Francine Kelly-Hooper, Ghd Limited and Danny Slee, NMI			
16.10 – 16.25		324	6.1.2	DEVELOPMENT OF METHODOLOGIES FOR SETTING PLANETARY BOUNDARIES FOR CHEMICALS, Kristina Flexman,	44	6.2.2	PROTECTING COMMUNITIES AND THE ENVIRONMENT: THERMAL DESORPTION TREATMENT OF PFAS AND GALAXOLIDE FROM BIOSOLIDS, Qi Bi, Veolia	25	6.3.2	NEXT-GENERATION SORBENTS FOR PFAS CONTROL: A COMPARATIVE PERFORMANCE STUDY, Nikoo Nabizadeh Moghaddam, Adelaide University/C3RO	111	6.4.3	LEACHATE LEAVING A BAD TASTE IN YOUR MOUTH? TRY SWEETENERS: FIRST AUSTRALIAN APPLICATION OF ARTIFICIAL SWEETENERS AS FORENSIC TRACERS TO DIFFERENTIATE LEACHATE FROM SEWAGE SOURCES IN GROUNDWATER, Matt Welch, GHD	140	6.5.2	IMPACT OF REMOTE WORKING ON ENVIRONMENTAL SUSTAINABILITY AND RESILIENCE: A CASE STUDY OF MEDIUM GXP SOLUTIONS PVT LTD, HIMACHAL PRADESH, INDIA, Dr Ashish Bajaj, Chikara Business School, Chikara University, Rajpura
16.25 – 16.40					207	6.2.3	THE ENERGY COST OF PFAS DESTRUCTION ACROSS THE RANGE OF COMMERCIALY AVAILABLE TECHNOLOGIES , Dr Ian Ross, CDM Smith	190	6.3.3	PHASE-ENGINEERED POROUS MXENE-ITO ₂ NANOCOMPOSITE FOR ENHANCED SHORT- AND LONG-CHAIN PFAS REMOVAL USING REVERSE OSMOSIS MEMBRANES, Dr Masoumeh Zargar, Edith Cowan University	141	6.4.4	ENVIRONMENTAL CONSEQUENTIAL LIFE CYCLE ASSESSMENT OF DOCKLESS ESCOOTERS, Mr Christopher Smith, EHS Support Pty Ltd	74	6.5.3	TRAINING THE TRAINERS HOW TO TRAIN: THE ART OF CREATING STRONG FIELD STAFF, Ashlee Sudholz, Environmental Resources Management
16.40 – 16.55		128	6.1.3	HONG KONG'S LONGEVITY PARADOX: A REVIEW ON TOBACCO CONTROL, HEALTH CARE, ENVIRONMENTAL GOVERNANCE, AND HEALTH INEQUITIES, Professor Ming Hung Wong, The Education University Of Hong Kong/res Chair Prof	77	6.2.4	TREATING THE IMPOSSIBLE: MANAGING A 1.9 ML MIXTURE OF BAKKEN CRUDE, AFF, AND STORMWATER TO STRINGENT LIMITS, Mr David Kempisty, ECT2	30	6.3.4	ASSESSING THE LONGEVITY OF GRANULAR ACTIVATED CARBON AMENDMENTS FOR PFAS REMEDIATION IN SOILS USING ACCELERATED AGING, Mr Srivath Bhat, Adelaide University	144	6.4.5	THE NOT SO MAGIC 'MAGIC NUMBERS', Dr Belinda Goldsworthy, Environmental Risk Sciences			
16.55 – 17.10		172	6.1.4	FOLLOWING THE FLOW: IDENTIFICATION OF CONTAMINANT SOURCES AT COMPLEX INDUSTRIAL SITES, Gillian Kapitke, GHD Pty Ltd	249	6.2.5	STRUCTURED FOAM TRANSITION AND PFAS DECONTAMINATION AT A PORTFOLIO OF INDUSTRIAL SITES, Peter Storch, Arcadis Australia Pacific	49	6.3.5	INFRARED SPECTROSCOPY FOR RAPID ESTIMATION OF PFAS MOBILITY IN SOIL, George Boyer, university Of Adelaide & Servensa	166	6.4.6	PROBABILISTIC COSTING OF SITE REMEDIATION, Mr Warren Pump, Safent Geoenvironmental Consulting Pty Ltd	6.5.4		Discussion Topic: Who Decides What is Safe? Science, Regulation and Community Expectations Discussion Leader: Michael Stoford
17.10 – 17.25			6.1.5	Discussion Topic: From Planetary Boundaries to Practical Action: How Do We Set -and Use - Safe Limits for Chemicals? Discussion Leader: Kristina Flexman	204	6.2.6	CONCRETE AND ASPHALT AS PFAS SOURCES - MANAGING PFAS IMPACTED PAVEMENTS, Dr Ian Ross, CDM Smith	6.3.6		Discussion Topic: Beyond the Silver Bullet: How Do We Build Effective PFAS Treatment Trains?	224	6.4.7	SHUTDOWN TO REUSE: ENVIRONMENTAL OVERLAYS AND LAND VALUE UPLIFT IN HEAVY INDUSTRIAL SHUTDOWN AND TRANSITION, Mr Darren Fernandez, Ramboll			
17.45 – 18.30		Unsession session (City Room 1) Chair: Paul Nathanael														
18.30 – 19.00		Pre-Dinner Drinks														
19.00 – 23.00		Gala Dinner - Panorama Ballroom														
sponsored by																

Wednesday, 16 September 2026

	Speaker Support, Foyer M									
7.30	Exhibition and Poster Displays Open, Hall L									
	Registration, Foyer M									
CONCURRENT SESSION 7										
8.30 - 10.15	Session 7.1 Mixtures and Complexity in Env systems	Session 7.2 POPs and modern challenges	Session 7.3 ACLCA Session for Early Career Professional Session Chair - Adam Anderson, National Chair, ACLCA	Session 7.4 Legacy Contaminants, risks, and contaminated sites - Advanced characterisation, detection and decision support	Session 7.5 Agrichemicals and chemical legacies					
Hall N			City Room 1	City Room 2	City Room 3	City Room 4				
Chair: Dr Divina Angela Navarro Co Chair: Dr Jeremy Blinzing			Chair: Michael Stoford Co Chair: Dr Mahmoud Hamza	Chair: Adam Anderson	Chair: Dr. Julie Korzak Co Chair: Cathal Faherty	Chair: Dr Bhabananda Biswas Co Chair: Dr Sara Bayat				
8.30 - 8:45	313 7.1.1	PRIORITIZATION AND MANAGEMENT OF COMPLEX CHEMICAL MIXTURES IN ENVIRONMENTAL MATRICES, Summer Streets, Minnesota Pollution Control Agency - VIRTUAL	7.2.1	Introduction and brief about the session - Adam Anderson	11 7.4.1	DESIGN AND VALIDATION OF A 3D-PRINTED LYSIMETER WITH EMBEDDED SENSORS FOR SOIL RESEARCH, M. Sc. Patrick Harisch, University Of Applied Sciences Munich	310 7.5.1	PESTICIDES AND PRODUCTIVITY: BALANCING AGRICULTURAL GAINS WITH ENVIRONMENTAL FATE, EXPOSURE PATHWAYS, AND RISK, Dr Md Nuruzzaman, arcCARE		
8.45 - 9:00	221 7.1.2	MANAGING PFAS AT NAPL-IMPACTED SITES: CHALLENGES AND UNCERTAINTIES, Dr. Matthew Lee, Geosyntec Consultants	320 7.3.2	THE PFAS SOUP - UNDERSTANDING THE TRUE COMPLEXITY OF PFAS IN THE ENVIRONMENT, Maddison McLeod, JBS&G	108 7.4.2	CONSIDERATIONS FOR VAPOUR MITIGATION SYSTEM DESIGN: AN ENVIRONMENTAL AUDIT-INFORMED PERSPECTIVE, Mr. Daniel Hirth, Bluesphere Environmental Pty Ltd				
9.00 - 9:15	99 7.1.3	ULTRAHIGH RESOLUTION FTICR MASS SPECTROMETRY ANALYSIS OF AUSTRALIAN AQUEOUS FILM FORMING FOAMS FOR FORENSIC PURPOSES, Robert Young, Commonwealth Scientific and Industrial Research Organisation	245 7.2.2	METABOLOMIC RESPONSES OF VICJA FABA TO SHORT-CHAIN PFAS, Dr Anithadevi Kenday Sivaram, Geer, University Of Newcastle	326 7.3.3	FROM FIELD OBSERVATION TO AWARENESS: ASSESSMENT OF SOURCE PATHWAY RECEPTOR LINKAGES AT LOWLYING LANDFILLS AND CONTAMINATED SITES IN QUEENSLAND UNDER PROJECTED CLIMATE CHANGE CONDITIONS, Rebecca Lauterbach, JBS&G A GEOSYNTEC COMPANY	251 7.4.3	USE OF CENTROID BASED CLUSTER DENSITY ANALYSIS AND SPATIAL GEOSTATISTICS TO CHARACTERISE ASBESTOS IN SOILS, Lytton Bourne, Ghd Pty. Ltd.	117 7.5.2	SUSTAINABLE STRATEGIES TO MITIGATE ARSENIC AND CADMIUM ACCUMULATION IN RICE FOR SAFE FOOD PRODUCTION, A/Prof Mohammad Mahmudul Rahman, University of Newcastle/ arcCARE
9.15 - 9:30	288 7.1.4	INTEGRATED LANDFILL LEACHATE TREATMENT TECHNOLOGY TO REMEDIATE MIXED POLLUTENT, Mr Md Rashidul Islam, The University Of Newcastle	55 7.2.3	SAME SAMPLE, DIFFERENT ANSWER: THE PFAS TOP ASSAY STANDARDISATION GAP, Dr Nathan Camilleri, SGS	325 7.3.4	FROM FIELD LEAD TO TRUSTED ADVISER: ADVANCED CONTAMINATION CHARACTERISATION AT GOAT ISLAND, Kyle Sher, Redlux Consulting	259 7.4.4	SNIFFER RATS FOR RAPID SCREENING OF CONTAMINATED SOIL, Prof Paul Nathanael, LQM	121 7.5.3	NOISE LEVEL ASSESSMENT OF TRACTORS IN OPERATION: A SMART APPROACH TO TILLAGE ACTIVITIES, Raphael Saeu, Hydrocarbon Pollution Remediation Project (HYPREP)
9.30 - 9:45	133 7.1.5	INVESTIGATION OF CO-COMPOSTING IN COMBINATION OF TOXIC FECAL SLUDGE AND TANNERY LIMED FLESHING, Prof Abdul Hashem, Khulna University of Engineering & Technology (KUET)	75 7.2.4	NONTARGET SCREENING WORKFLOW FOR THE ANALYSIS OF PER- AND POLYFLUOROALKYL SUBSTANCES IN ENVIRONMENTAL SAMPLES USING A BENCHMARK MULTI-REFLECTING TIME-OF-FLIGHT MASS SPECTROMETER, Dr Marten Snel, Waters Australia	329 7.3.5	FINDING THE BALANCE: BENZO(A)PYRENE IN ADELAIDE SOILS, A BIO ACCESSIBILITY AND RISK-BASED CASE STUDY, Samantha Donnell, TMK Consulting Engineers			242 7.5.4	VALORISING BIOSOLIDS: AGRONOMIC IMPACTS OF BIOCHAR DERIVED FROM WASTEWATER RESIDUALS, Dr Santosh Kumar Paul, University Of Newcastle
9.45 - 10:00	7.1.6	Discussion Topic: One Site, Many Contaminants: How Do We Manage Complexity? Discussion Leader: Belinda Goldsworthy	94 7.2.5	EVOLVING SUSTAINABILITY IN ANALYTICAL TESTING METHODS, Dr Courtney Milner, Agilent Technologies	327 7.3.6	INFLUENCE OF CLIMATE CHANGE ON TOTAL TRICHALOMETHANE (THM) CONCENTRATIONS IN SWIMMING POOLS, Dylan Steele, Aurora Environmental	7.4.5	Discussion Topic: More Data or Better Decisions? Turning AdvancedSite Characterisation onto Action Discussion Leader: Paul Nathanael	47 7.5.5	FOAM-BASED WATER HARVESTING MATERIAL FOR SUSTAINABLE GROWTH OF PLANTS, Mrs Aynun Nahar, Adelaide University
10.00 - 10:15			52 7.2.6	IMPROVED DETECTION AND QUANTIFICATION OF CHLOROFORM RESPIRING BACTERIA BY COMBINING QPCR AND NEXT GENERATION SEQUENCING , Dr Matthew Lee, Geosyntec Pty Ltd	7.3.7	Q&A and Open Discussion Facilitated By: Adam Anderson			7.5.6	Discussion Topic: Can we produce more food without pesticide or with less pesticide - and, more importantly, less environmental exposure? Discussion Leader: Dr Md Nuruzzaman
10.15 - 10.45	Morning tea - Hall L									

Wednesday, 16 September 2026 (cont)

CONCURRENT SESSION 8

		Session 8.1 Military Impacted Land - contaminants, impact, and site characterisation		Session 8.2 POPs and modern challenges		Session 8.3 Climate Change and Contaminant behaviour		Session 8.4 Legacy Contaminants, risks, and contaminated sites - Site characterisation and risk assessment		Session 8.5 Agrichemicals and chemical legacies					
Hall N															
Chair: Ramona Iery Co Chair: Prof Dr Huong Ngo				Chair: Dr Nathan Camilleri Co Chair: Dr Matthew Lee				Chair: Dr Charles Newell Co Chair: Md Rashidul Islam							
City Room 1															
City Room 2															
City Room 3															
City Room 4															
Chair: Mr Sergeiys Ustinov Co Chair: Dr Santosh Kumar Paul															
10.45 - 11.00	283	6.1.1	CRUDE OIL CONTAMINATION OF A SEASONAL RIVERBED IN THE SOUTHWEST OF IRAN: ONE OF THE MANY WAR-RELATED ENVIRONMENTAL DISRUPTIONS, Amir Panjani, National Salinity Research Center - VIRTUAL	304	6.2.1	TRENDS OF ORGANIC CONTAMINANTS IN GLOBAL WATERS FROM THE AQUA-GAPS/MONET NETWORK, Dr Rainer Lohman, University of Rhode Island's Graduate School of Oceanography	27	8.3.1	REPURPOSING ORAPA MINE TAILINGS FOR SOIL IMPROVEMENT OF ARENOSOLS IN CENTRAL BOTSWANA, Dr. Venecio Jr Ultra, Botswana International University Of Science And Technology	287	8.5.1	GLOBAL SOIL POLLUTION BY TOXIC METALS: IMPACT TO AGRICULTURE AND SUSTAINABLE REMEDIATIONS, Dr Deyi Hou, Tsinghua University - VIRTUAL			
11.00 - 11.15	284	6.1.2	HEAVY METALS IN WAR-AFFECTED BLACK SOILS OF EASTERN UKRAINE: GEOCHEMICAL SIGNATURES OF WARFARE DISTURBANCE, Oleksandr Bonchkovskiy, Ukrainian Researchers Society - VIRTUAL						32	8.4.1	ENHANCING REMEDIAL PERFORMANCE ASSESSMENTS AT COMPLEX SITES USING COMPOUND SPECIFIC ISOTOPE ANALYSIS AND MOLECULAR BIOLOGICAL TOOLS, Dr. Julie Konczak, Geosyntec Consultants International, Inc.				
11.15 - 11.30	285	6.1.3	IMPACT OF WAR ON THE ECOLOGICAL FUNCTIONING OF SOIL MICROBIAL COMMUNITIES IN UKRAINE, Iryna Gumeniuk, Institute of Agroecology and Environmental Management of NAAS of Ukraine - VIRTUAL	41	6.2.2	ANBO3 (A = NA, K, AG, LI) PHOTOCATALYSTS FOR ORGANIC POLLUTANT DEGRADATION, Ms Chantelle Fatanga, Adelaide University	53	8.3.2	CLIMATE-DRIVEN CHANGES IN CONTAMINANT BEHAVIOUR IMPACT VAPOUR INTRUSION MITIGATION SYSTEM DESIGNS, Paul Nicholson, Geosyntec Consultants	47	8.4.2	BEYOND THE MATRIX- RE-THINKING SURFACE SCREENING FOR RESIDUAL CONTAMINANTS, Mrs Sarah Jane Leviston, CDM Smith	203	8.5.2	BENTONITE AS A CARRIER ENHANCES THE GROWTH OF PHOSPHATE SOLUBILIZING BACTERIA (PSB) AND SUSTAINABLE RELEASE OF PHOSPHORUS , Mr Md Rafique Uddin, University Of Newcastle
11.30 - 11.45	286	6.1.4	SAMPLING STRATEGIES FOR REPRESENTATIVE ASSESSMENT OF WAR-INDUCED SOIL CONTAMINATION IN UKRAINE, Pavlo Ostapenko, Ukrainian Researchers Society - VIRTUAL	16	6.2.3	CARBON TETRACHLORIDE - THE PERSISTENT CARCINOGEN - WHAT'S OUR RISK FROM THE GLOBAL ATMOSPHERIC BACKGROUND? Mr Adrian Heggie, Environmental Group Australia	21	8.3.3	SEA WATER INTRUSION AND SALINIZATION IMPACTS AND REMEDIATION STRATEGIES IN SOUTH ASIA, Dr. Mohammad Jahiuddin, Bangladesh Agricultural University	57	8.4.3	DEVELOPMENT AND APPLICATION OF AN AI ENABLED PROPERTY SEARCH TOOL TO SUPPORT OFF SITE VAPOUR INTRUSION RISK MANAGEMENT, Cathal Faherty, Geosyntec Consultants	54	8.5.3	REVEALING THE HIDDEN PATHWAYS: SIMULTANEOUS DETECTION OF GLYPHOSATE, AMPA AND SARCOSINE IN SOIL, Mrs Nipuni Welivuliyga, University of Newcastle
11.45 - 12.00	300	6.1.5	EARTH OBSERVATION AND GIS-BASED MODELLING FOR IDENTIFYING CONFLICT-RELATED POLLUTION RISK AREAS IN SOUTH LEBANON, Ghaleb Fawzi, National Council for Scientific Research - VIRTUAL	103	6.2.4	ELIMINATION OF SELECTED PERSISTENT ORGANIC MICROPOLLUTANTS (POPS) IN AQUEOUS SOLUTION BY CATALYTIC HYDROGENATION AND HYDRODEHALOGENATION, Dennis Ehler, Hochschule Wismar	39	8.3.4	IMPACT OF CLIMATE CHANGE ON LEACHING SOIL CONTAMINATION, Robert Schneider, ESCL LLC	63	8.4.4	FIELD APPLICATION OF THE SOLVENT-BASED SAMPLING METHOD FOR COLLECTING GAS-PHASE VOC AND CONDUCTING COMPOUND-SPECIFIC ISOTOPE ANALYSIS, Dr. Daniel Bouchard, GHD	151	8.5.4	SILICON NANOPARTICLES ENHANCE RICE CADMIUM TOLERANCE THROUGH ROOT ARCHITECTURE AND EXUDATE PROFILES, Md Tofail Hossain, University Of Newcastle
12.00 - 12.15	281	6.1.6	SATELLITE MAPPING AND FARM DATA FOR RISK-ORIENTED LAND SURVEY AND REHABILITATION IN CONFLICT-AFFECTED UKRAINE, Stanislav Ostapenko, Food and Agriculture Organization - VIRTUAL	126	6.2.5	VISIBLE-LIGHT REDUCTIVE DEGRADATION OF PFAS IN LAB-PREPARED SOLUTIONS AND FIELD-DERIVED SAMPLES, Dr. Mahmoud Adel Hamza, Adelaide University	8.1.5	Discussion	170	8.4.5	CUTTING COMPLEXITY DOWN TO SIZE: A SPATIALLY DEFINED INVESTIGATION FRAMEWORK FOR A LARGE INDUSTRIAL SITE, Hannah Bennett, GHG Pty Ltd	255	8.5.5	WASP BASED ASSESSMENT OF OXIDISED NITROGEN DYNAMICS AND EUTROPHICATION RISK IN THE BURDEIN RIVER, Uday Rana Singha, University Of Southern Queensland	
12.15 - 12.30	301	6.1.7	ENVIRONMENTAL DEGRADATION AND FARMER DECISION-MAKING UNDER PROTRACTED CONFLICT: INTEGRATING SOIL CONTAMINATION AND PERCEPTION IN NORTHWESTERN SYRIA, Prof Missar Alkhasan, University of Leeds - VIRTUAL	267	6.2.6	BEYOND SINGLE ENZYMES: A SYSTEMS APPROACH TO FUNGAL TRANSFORMATION OF ORGANOHALOGENS, Mr Gerardo Aguilar Jr, RMIT University	244	8.4.6	Discussion Leader: Scott Warner	244	8.4.7	RAPID DETERMINATION OF POLONIUM-210 IN ENVIRONMENTAL AQUEOUS AND SOLID MATRICES USING ALPHA SPECTROMETRY, Dr. Xuan Bach Nguyen, Sgs Nottling Hill	237	8.5.6	EFFECT OF POROUS STRUCTURE ON ADSORPTION KINETICS OF IMIDACLOPRID IN POROUS SILICA NANOMATERIALS , Mr Salimullah Omar Nasif, University Of Newcastle

CONCURRENT SESSION 9

13.30 - 15.15		Session 9.1 Military Impacted Land - Remediation and assessment			Session 9.2 Chemical Bioavailability			Session 9.3 Climate Change and Contaminant behaviour			Session 9.4 - Focus on Africa			Session 9.5 Regulatory Jurisdiction												
Hall N						City Room 1			City Room 2			City Room 3			City Room 4											
Chair: Dr Roger Brewer Co Chair: Adrian Heggie						Chair: Kristina Flexman Co Chair: Dr Mathew Watts			Chair: Scott Warner Co Chair: Paul Nicholson			Chair: Dr. Daniel Bouchard Co Chair: Dr Venecio Jr Ultra			Chair: Mr Drew Morgan Co Chair: John Frangos											
13.30 - 14.00		9.1.1	**WITHDRAWN** Challenges in Assessment of military Impacted sites, Ramona Iery			295	9.2.1	BEYOND TOTAL CONCENTRATIONS: SOIL REACTIVITY, BIOAVAILABILITY AND THE FUTURE OF PFAS RISK ASSESSMENT AND REMEDIATION, Distinguished Laureate Professor Ravi Naidu,			152	9.3.1	TURNING NATURALLY OCCURRING MINERALS INTO ECO-REMEDIATION SOLUTIONS: ADDRESSING GASEOUS EMISSIONS, CLIMATE CHANGE, AND FOOD CHAIN IMPLICATIONS, Dr Bhabananda Biswas, circCARE			112	9.4.1	SHORELINE CLEAN-UP OF OIL-IMPACTED MANGROVE AND WASTE MANAGEMENT IN THE NIGER DELTA,, Prof Nenibarini Zabbey, Hydrocarbon Pollution Remediation Project (hyprep)			319	9.5.1	REGULATING AT THE SOURCE: PROACTIVE APPROACHES TO UNDERSTANDING THE RISKS AND STRENGTHENING CONTROLS FOR PFAS AND CHEMICALS OF EMERGING INTEREST, Stehen Beaman, NSW Environment Protection Authority			
14.00 - 14.15		299	9.1.2	UKRAINE WAR-POLLUTED SOIL: RECOVERY AND REMEDIATION, Olena Melnyk, Bern University of Applied Sciences (BfH), Institute of Agricultural, Forest and Food Sciences			118	9.2.2	ARSENIC SPECIATION IN ENVIRONMENTAL SYSTEMS USING AMMONIUM ELUENTS: ADVANCING IC-ICP-MS FOR ACCURATE RISK ASSESSMENT, A/Prof Mohammad Mahmudur Rahman, University of Newcastle/ circCARE			7	9.3.2	THERMAL POWER PLANT FLY ASH IN BRICK PRODUCTION: WASTE-TO-WEALTH APPROACH, Professor Dr. Md. Abdul Hassem, Khulna University of Engineering & Technology (KUET)			157	9.4.2	BIODEL-ENHANCED BIOREMEDIATION OF PETROLEUM HYDROCARBON-IMPACTED SOILS IN OGONILAND, NIGER DELTA, NIGERIA, Professor Lucian Chikwu, University Of Lagos					FROM CONTAMINATION TO DECISION-MAKING: HOW REGULATORY SCIENCE IS TACKLING PFAS IN AGRICULTURAL SYSTEMS, Dr Jen Martin, Environment Protection Authority Victoria		
14.15 - 14.30		282	9.1.3	WAR-DRIVEN TRANSFORMATION OF FOREST ECOSYSTEMS IN UKRAINE, Prof Andrii Blaus			14	9.2.3	DO TOTAL METAL CONCENTRATIONS OVERESTIMATE RISK? INSIGHTS FROM LEACHING AND SPECIATION TESTS IN COMPOST-AMENDED SOILS, Dr Sara Bayat, University of New England			138	9.3.3	A CIRCULAR PATHWAY FOR CO2 CAPTURE AND CEMENT DECARBONISATION USING HALLOYSITE-BASED ADSORBENTS, Dr Bhabananda Biswas, GCER, University Of Newcastle			196	9.4.3	SMEAR-ZONE EFFECT ON GROUNDWATER REMEDIATION PERFORMANCE IN HYDROCARBON-IMPACTED AQUIFERS IN OGONILAND, NIGERIA,, Raphael Saue, Hydrocarbon Pollution Remediation Project (HYPREP)			315	9.5.2			
14.30 - 14.45		164	9.1.4	VETIVER GRASS PHYTOREMEDIATION OF DIOXIN-CONTAMINATED SOILS AT PAST MILITARY-IMPACTED SITES IN VIETNAM: EVIDENCE FROM BIEN HOA AIRBASE, Prof. Dr. Huong Ngo, Phenikaa University			184	9.2.4	FROM INFLUENT TO EFFLUENT: EVALUATING THE FATE OF EMERGING CONTAMINANTS IN HUNTER REGION WASTEWATER TREATMENT PLANTS, Mrs P.W.Yoshida Lakshani, University of Newcastle			173	9.3.4	FEEDING CATTLE A PINCH OF CLAY: HOW DOES IT PLAY A MOLECULAR ROLE IN CURBING METHANE BURPS? Zubair Hosen, University of Newcastle, NSW, Australia			122	9.4.4	ENVIRONMENTAL ASSESSMENT OF HYDROCARBON IMPACTED SITE AT AJEKOPODI OIL SPILL SITE USING ELECTRICAL RESISTIVITY TOMOGRAPHY TECHNIQUE, Raphael Saue, Hydrocarbon Pollution Remediation Project (HYPREP)			309	9.5.3	THE SOUTH AUSTRALIAN HARMFUL ALGAL BLOOM, Clive Jenkins, SA EPA		
14.45 - 15.00		279	9.1.5	ASSESSING MUNITIONS-RELATED CHEMICAL CONTAMINATION IN UKRAINIAN AGRICULTURAL SOILS, Nathan Park, Food and Agriculture Organization of the United Nations - VIRTUAL			178	9.2.5	ENHANCING ENVIRONMENTAL ASSESSMENT USING SIRM SPEERS PASSIVE SAMPLERS TO QUANTIFY BIOAVAILABLE METALS IN SEDIMENT POREWATER, Dr Parva Mahajeri, Geosyntec Consultants								20	9.4.5	DYNAMICS OF PETROLEUM HYDROCARBON CONTAMINATION AND ENVIRONMENTAL RISKS OF SOIL AT ARTISANAL CRUDE OIL REFINING SITES IN OGONI, NIGERIA, Ms Somaatoh Ike-ee, Hydrocarbon Pollution Remediation Project (HYPREP)			158	9.5.4	TRANSITION TO FLUORINE-FREE FIREFIGHTING FOAMS IN SOUTH AUSTRALIA, Aiden Riley, SA EPA		
15.00 - 15.15			9.1.6	FAO of the UN International Network on Soil Pollution: R Naidu				9.2.6	Discussion Topic: One Term, Many Meanings: Which Bioavailability Measure for Which Decision? Discussion Leader: John Frangos			9.3.5	Discussion Topic: How should climate-driven changes in contaminant fate, transport and exposure be incorporated into investigation, risk assessment and remediation? Discussion Leader: Dr Bhabananda Biswas			208	9.4.6	DEVELOPING A RESTORATION MODEL FOR LEAD MINING CONTAMINATED SOILS IN ZAMBIA: WOULD ZAMBIAN CONTAMINATED SITES PROVIDE A FRAMEWORK FOR RESTORATION OF LEAD CONTAMINATED SITES IN SUB SAHARAN AFRICA, Stephen Syampungani, Copperbelt University			48	9.5.5	FIND, ACT, INFORM – BEHIND THE EPA'S PRECAUTIONARY ADVICE ON RISKS OF USING GROUNDWATER IN URBAN AREAS, Ms Melinda Morris, South Australian EPA			
15.15- 15.20 Move to Plenary (Hall N)																										

PLENARY SESSION 3

Hall N	
15.20 - 16.05	Plenary Session 4: EU Soil Monitoring Law - Implementing it and moving faster towards healthy soils - VIRTUAL Mirco Barbero, Policy officer, Soil Protection and Sustainable Land Use, Land Use and Management Unit, Directorate-General Environment, European Commission
16.05 - 16.20	Conference Closing - Award Presentations, Delegate Prize Announcements

Thursday, 17 September 2026

City Room 1	
9.00–10.30	WORKSHOP 7: Faster, Better, Cheaper: Introduction to Risk-Based Investigation Methods
11.00–12.30	
13.30–15.00	
15.30–17.00	

Technical Tour
departing from
West entrance of
Adelaide Convention Centre
(Meet at 8.30am for a 9.00AM departure)

POSTER PRESENTATIONS

PFAS Management in a Changing Regulatory Landscape: Innovations, Policies, and Global Perspectives symposium

143	P1	PFAS-FREE ALTERNATIVES ACROSS SECTORS: PERFORMANCE, TRADE-OFFS, AND DPSIR-BASED PRIORITISATION FRAMEWORK, Dr. Olalekan Simon Awoyemi, crcCARE
165	P2	REMBIND AMENDMENTS REDUCES PFAS LEACHABILITY FROM MUNICIPAL SLUDGE BYPRODUCTS, Will Caldicott, RemBind
320	P3	PFAS IN BARRAMUNDI: BRIDGING BIOACCUMULATION AND TOXICITY TO STRENGTHEN REGULATORY DECISION-MAKING , Dr Anu Kumar, CSIRO

Emerging and recently emerged Contaminants

217	P4	CYTO-GENOTOXICITY OF TRICLOSAN TO ALLIUM CEPA, Dr Anithadevi Kenday Sivaram, University of Newcastle
137	P5	BIBLIOMETRIC ANALYSIS OF ECOTOXICOLOGICAL EFFECTS OF ORGANIC SUPPORT MATERIALS ON PLANTS AND EARTHWORMS EXPOSED TO PPCPS, Kennedy Costa, The University Of Newcastle
230	P6	COMBINED SUSPECT SCREENING AND QUANTITATIVE ANALYSIS OF PPCPS USING HRMS AND LC-MS/MS: A MODIFIED ANALYTICAL APPROACH, Mrs Yoshida Lakshani, University of Newcastle

Legacy contaminants, risks and contaminated sites

124	P7	SOIL HEAVY METAL POLLUTION UNDER DIFFERENT LAND USES NEAR A POWER PLANT, Akram Haghighat Doust, University Of Newcastle
323	P8	ENHANCED REMOVAL OF CD(II) FROM AS(III)-CONTAINING MEDIA BY ABH ₄ -REDUCED ZRNM OXIDES: PERFORMANCE AND MECHANISM, Prof Yurong Wang, Institute Of Soil Science, Chinese Academy Of Sciences
331	P9	ROLE OF SOIL PROPERTIES AND PHOSPHORUS IN REGULATING LEGACY CADMIUM BIOAVAILABILITY AND ACCUMULATION IN FARM SOILS, Ms Karun Nahar Mousomi, University of Newcastle
241	P10	IMPACT OF LIGHT-ABSORBING IMPURITIES IN SNOW ON SNOWMELT RUNOFF AND HYDROLOGICAL PROCESSES IN THE ILI BASIN, CENTRAL ASIA, Jilili Abuduwalli, Chinese Academy Of Sciences

Climate Change and Contaminant Behaviour

115	P11	ADAPTATION POTENTIALS OF CLIMATE-SMART AGRICULTURE TOWARDS THE AVENUES OF FARM SUSTAINABILITY, Mr Md Maruf Billah, The University Of Newcastle
173	P12	FEEDING CATTLE A PINCH OF CLAY: HOW DOES IT PLAY A MOLECULAR ROLE IN CURBING METHANE BURPS? Zubaer Hosen, University of Newcastle, NSW. Australia
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