

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

Sunday, 13 September 2026	8.00 - 1700	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 L			
	15.00 - 18.00	Speaker Support, Foyer L			
	17.30 - 18.30	Welcome drinks Foyer L			

Monday, 14 September 2026

Monday, 14 September 2026

7.30	Exhibition and Poster Displays Open, Hall L				
	Speaker Support, Foyer L				
	Registration Open, Foyer L				
OFFICIAL CONFERENCE OPENING					
Hall N					
8.45 - 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 and Poster Viewing				
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 & CSMA
	Hall N	City Room 1	City Room 2	City Room 3	City Room 4
10.15 - 10.30	316 DEFINITION OF PFAS - SO WHAT? WHO CARES? Prof Paul Nathanael, LQM	312 PFAS TESTING: THE SUCCESSSES, THE CHALLENGES, AND WHAT'S NEXT, Dr Heather Lord, ALS Laboratories	297 ROLLING POLLUTION: THE DARK REALITY OF TIRE-WEAR PARTICLES IN RUNOFF - CHEMISTRY AND ENVIRONMENTAL FATE, Prof Ajit K Samah, The University of Auckland	291 THE LEAD PARADOX: RISING CHILDHOOD EXPOSURE IN THE FACE OF EXPANDING SCIENCE AND GLOBAL INVESTMENT, Philip Goodrum, GSI Environmental Inc.	5 INTEGRATING FIELD-BASED MIR MEASUREMENTS TO REDUCE UNCERTAINTY AND COST IN SOIL REMEDIATION, Dr Sean Manning, Gslab
10.30 - 10.45					76 HIGH-FREQUENCY ANALYTICAL MONITORING IN SUPPORT OF LARGE-SCALE LEACHATE TREATMENT AT AN ELEVATED TEMPERATURE LANDFILL, Mr David Kempisty, ECT2
10.45 - 11.00	97 INTEGRATED LC-MS/MS ANALYSIS OF PFAS ACROSS EPA 1633A, OTM-45 AND ULTRA-SHORT-CHAIN COMPOUNDS USING A HIGH-ROBUSTNESS UPLC PLATFORM, James Pyke, Agilent Technologies Pty Ltd	4 ATMOSPHERIC MICROPLASTICS ARE UBQUITOUS: EVIDENCE FROM A GLOBAL STUDY, Dr Julia Jaeger, Eurofins Environment Testing	211 MANAGING LEGACY CHLORINATED HYDROCARBON CONTAMINATION IN COMPLEX URBAN AQUIFERS: INSIGHTS FROM A GROUNDWATER PROHIBITION AREA REVIEW, Mr Simon Welsh, Senversa Pty Ltd	271 WHAT DO LYSIMETER DATA MEAN? A QUANTITATIVE MODELLING ASSESSMENT OF PFAS POREWATER MONITORING IN THE VADOSE ZONE, Ika Wallis, Flinders University	
11.00 - 11.15	311 LOW THRESHOLDS: INSTRUMENT SENSITIVITY, UNCERTAINTIES AND IMPLICATIONS FOR RISK QUANTIFICATION, Dr Nathan Camilleri, SGS	210 DEVELOPMENT AND VALIDATION OF A ROBUST OFFLINE SPE-ISOTOPE DILUTION METHOD FOR NINE PFAS IN AQUEOUS MATRICES, Mauseen Egbuatu, University Of Newcastle	197 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	228 SURFACE WATER MANAGEMENT AT A FORMER OIL REFINERY IN SOUTH-EASTERN AUSTRALIA, Elaine Spence, Kleinfelder Australia	110 WHEN OCCAM'S RAZOR IS DULLED: UNTANGLING THE COMPLEXITY OF URBAN CONCEPTUAL SITE MODELS , Matt Welsh, GHD
11.15 - 11.30	276 REFRIGERANT TRANSITIONS AND HIDDEN LEGACIES: ADDRESSING TFA IN ENVIRONMENTAL CLEANUP, Yanju Liu, UryyccCARE	50 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	195 MICROPLASTIC-PHARMACEUTICAL RESIDUES NEXUS IN URBAN RIVERS: A SEASONAL AND SPATIAL MULTI-CONTAMINANT STRESS IN THE MUTHA RIVER, PUNE, INDIA, Dr Manikprabhu Dhannor, Symbiosis Centre for Waste Resource Management	222 DIMINISHING RETURNS - REMEDIATING AN ORPHANED GOLD MINING FACILITY, CENTRAL VICTORIA, Dr Matt Edwards, BlueSphere Environmental	171 WHEN MONITORING WELLS BECOME PATHWAYS: IDENTIFYING AND MANAGING LEGACY GROUNDWATER INFRASTRUCTURE RISKS AT A COMPLEX INDUSTRIAL SITE, Miss Tyla Howells, Ghd
11.30 - 11.45	101 SENSITIVE DETECTION OF TRIFLUOROACETIC ACID (TFA): ANALYTICAL METHOD DEVELOPMENT AND APPLICATION TO A SOUTH AUSTRALIAN WATERSHED, Dr Harry Morris Rodriguez, CSIRO	204 APPLICATION OF MULTIPLE CHEMICAL ANALYTICAL TECHNIQUES FOR FORENSIC ANALYSIS OF PFAS TO IDENTIFY THEIR SOURCES, Dr Ian Ross, CDM Smith	105 MICROPLASTICS SPILLED IN THE MARINE ENVIRONMENT: ANALYSIS OF HIGH MOLECULAR WEIGHT POLYCYCLIC AROMATIC HYDROCARBONS (PAHS) IN PYROPLASTIC, Dr Marten Snel, Waters Australia	226 THE LONG ROAD TO REGULATORY CLOSURE - A SERVICE STATION'S JOURNEY FROM ASSESSMENT TO REMEDIATION TO CLOSURE, Mr Isaac Segal, Kleinfelder Australia Pty Ltd	174 SAMPLING ON THE MOVE, Mitz Solene Lao, GHD
11.45 - 12.00	114 HOW MANY SITES IN AUSTRALIA ARE POTENTIALLY CONTAMINATED WITH PFAS? Mr Howard Waldron, Latsearch Pty Ltd	90 A HYBRID MULTISAMPLER-TANDEM QUADRUPOLE (CMS) APPROACH TO MIMICATE SOLVENT EFFECTS IN PFAS ANALYSIS, Dr Chris Fouracre, Agilent Technologies	49 EFFECTS OF MICROPLASTICS IN SOIL ON EARTHWORMS (EISENIA FETIDA AND EUDRILLUS EUGENAE) AND MICROPLASTIC REDUCTION THROUGH VERMICOMPOSTING, Associate Professor Dr. Chuleemas Boonithai Iwai, Khon Kaen University	84 INTEGRATING HYDROCARBON SPILL MODELLING AND SEMI-QUANTITATIVE RISK ASSESSMENT FOR ENHANCED FUEL TERMINAL RISK MANAGEMENT, Yanyao Bao, Geosyntec Consultants	247 FINDING THE BOUNDARY: USING CHROMATOGRAPHIC FINGERPRINTING TO DIFFERENTIATE CONTAMINANT SOURCES DURING LNAPL DELINEATION AT AN OPERATIONAL COAL MINE, Mr. Carlos Briseno Covarrubias, Ghd
12.00 - 12.55	Lunch and Poster Viewing				

Monday, 14 September 2026 (cont)

PLENARY SESSION 1

Hall N

12.55 - 13.40 **Plenary Session: Groundwater Contamination and Remediation: Approaches, Challenges, and Opportunities**
Professor Craig Simmons, Pro Vice-Chancellor, College of Engineering, Science and Environment

13.40 - 13.45 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 & CSM	
	Hall N		City Room 1		City Room 2		City Room 3		City Room 4	
13.45 - 14.00	213	PIECING IT TOGETHER: COMPILING THE PATCHWORK OF GLOBAL PFAS REGULATION, Mr Drew Morgan, Ghd Pty Ltd	303	INVESTIGATION AND RISK ASSESSMENT OF COMPLEX MIXTURES OF PFAS: NEW GUIDANCE FOR TESTING OF AGRICULTURAL LANDS AND FOOD CROPS, Roger Brewer, TOS Environmental	116	ABUNDANCES OF ANTIBIOTIC RESISTANCE GENES (ARGS) ON WASTEWATER TREATMENT WORKS IN AUSTRALIA, A/Prof Mohammad Mahmudur Rahman, University of Newcastle/ arcCARE	9	WHAT DOES REASONABLY PRACTICABLE GROUNDWATER CLEAN UP LOOK LIKE? INSIGHTS FROM A REVIEW OF STATE OF PRACTICE IN VICTORIA, Jack Churchill, Epa Victoria	219	LEVERAGING THE SYNERGIES OF MOLECULAR BIOLOGICAL TOOLS AND CSIA FOR MMA AND ENHANCED BIOREMEDIATION ASSESSMENT, Jeff Roberts, Sirem
14.00 - 14.15							15	ROLE OF SEQUENCE STRATOGRAPHY IN IN SITU REMEDIATION OF LNAPL CONTAMINATION: A CASE STUDY FROM THE LOS ANGELES BASIN, CALIFORNIA, Dr. Jumaid Sadeque, Aecom	96	DESIGN PHASE CONTAMINATION INVESTIGATIONS: DELIVERING FIT FOR PURPOSE DATA AT SIE, S05 AND S06 DESIGN, Mrs Helen Milne, Ghd Pty Ltd
14.15 - 14.30	303	SITE-SPECIFIC PFAS RISK ASSESSMENT: WHERE ARE WE AND WHERE ARE WE GOING?, Dr. Jason Conder, Geosyntec Consultants	294	FROM POPULATION TO PATHWAY: THE STATE OF PLAY ON PFAS AND HUMAN HEALTH, John Frangos, John Frangos Toxicology and Naturetech	48	ASSESSING THE ENVIRONMENTAL RISK OF N,N-DIETHYL-P-PHENYLENEDIAMINE (DPD) FROM AUTOMATED DRINKING WATER CHLORINE ANALYSES, Dr Danny McDonald, Stantec	33	REFINING CONCEPTUAL MODELS IN FRACTURED BASALT: LESSONS FROM A MATURE CHLORINATED SOLVENT PLUME IN VICTORIA, Ms Claire Miller, Geosyntec Consultants	89	DO SAMPLING METHODS MATTER? A REVIEW OF GROUNDWATER DATA FROM NO PURGE AND LOW FLOW SAMPLING AT VARIOUS SITES, Miss Lauren McDougall, Wip
14.30 - 14.45							63	IN-SITU TREATMENT OF CHLORINATED SOLVENT SOURCE ZONE - INJECTION DESIGN AND TREATMENT PERFORMANCE ASSESSED WITH COMPOUND-SPECIFIC ISOTOPE ANALYSIS (CSIA), Dr. Daniel Bouchard, GHD	200	UNEXPECTED GROUNDWATER FLOW DIRECTION – HOW THE GEOLOGY INFLUENCES THE CSM FOR A FORMER OIL REFINERY IN SOUTH-EASTERN AUSTRALIA, Dr Vera Biemann, Kleinfelder Australia Pty Ltd
14.45 - 15.00	153	WHY ARE PFOS ECOLOGICAL SURFACE WATER QUALITY CRITERIA SO DIFFERENT BETWEEN COUNTRIES? A REVIEW OF DIFFERENCES IN REGULATORY GUIDANCE, Dr Bryant Gagliardi, AECOM	134	PFAS IN THE WATER CYCLE OF HIMACHAL PRADESH: OCCURRENCE, EMISSION SOURCES, AND HEALTH IMPLICATIONS EXPOSURE, Dr. Nitin Vema, Chitkara University Himachal Pradesh	182	FROM ROADS TO FRESHWATERS: MULTI-OMICS SIGNATURES OF THE TYRE ANTIOXIDANT 6PPD AND 6PPD QUINONE IN DAPHNIA CARINATA, Dr Anu Kumar, CSIRO	64	PERFORMANCE OF A LONG-TERM PETROLEUM HYDROCARBON REMEDIATION PROGRAM: EVIDENCE OF STABLE LNAPL CONDITIONS AND SUSTAINED NATURAL ATTENUATION, Emily Hepburn, Stantec	60	FIELD MEASUREMENT OF RADIOACTIVITY IN SOILS BY MASS AT A NORM IMPACTED SITE, Matthew Crow, Environmental Resources Management Australia Pty Ltd
15.00 - 15.15	174	REVOLUTIONIZING CLEANUP: HOW GLOBAL GEOLOGICAL FORCES ARE TRANSFORMING PFAS MANAGEMENT, Rebecca Higgins, AECOM Environment	177	WHEN DETERMINISTIC PFAS HHRA'S ARE NOT ENOUGH: APPLICATION OF TIER 3 PROBABILISTIC MODELLING, Dr Davide Menozzi, Ghd Pty Ltd	234	TRACING EMERGING CONTAMINANTS IN WASTEWATER – A PASSIVE SAMPLING APPROACH, Dr Andrew Wright, Sgs Australia	71	LEGACY LNAPL MIGRATION AND RECOVERY CHALLENGES IN COMPLEX SUBSURFACE PATHWAYS, Leo Rothacker, Stantec	54	LESSONS LEARNT FROM THE ADOPTION OF COMBINED RISK VALUE TO ASSESS SAMPLING RATES FOR WASTE SITES, Nic Foot, CDM Smith
15.15 - 15.30	64	CONTAMINATED LAND MANAGEMENT IN A HOUSING CRISIS: NAVIGATING REGULATORY COMPLEXITY, PFAS UNCERTAINTY AND SITE REDEVELOPMENT IN QUEENSLAND, Ms Anita Webb, Stantec Australia	266	A BEAUTIFUL SCIENTIFIC PROBLEM: PFAS IN COSMETICS, Dr Jacob Jaine, Als Global	240	EXPOSURE OF FRAGRANCE MUSK COMPOUNDS TO AUSTRALIAN ENVIRONMENTS VIA WASTEWATER TREATMENT, Mr Nicholas Hora, Sgs Australia Pty. Ltd.	256	MECHANOCHEMICAL REMEDIATION OF PAHS-CONTAMINATED RAIL TRACK BALLAST SLUDGE USING ACTIVATED CARBON: PROCESS OPTIMIZATION AND PERFORMANCE EVALUATION, Dr. Rahul Singh, Indian Institute of Technology (BHU) Varanasi, India	153	RAPID FIELD MEASUREMENT OF PFAS IN WATER: ACCURACY, SPEED, AND ACTIONABLE DECISION-MAKING, Mauricio Bresson, Fire And Rescue NSW
15.30 - 16.00	Afternoon Tea and Poster Viewing									
CONCURRENT SESSION 3										
16.00 - 17.45	Session 3.1 PFAS-Ecological Risk Assessment		Session 3.2 PFAS-Bio-monitoring & 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	
	Hall N		City Room 1		City Room 2		City Room 3		City Room 4	
16.00 - 16.15	289	ADVANCING PFAS ECOLOGICAL RISK ASSESSMENT: FROM READ-ACROSS AND SCREENING TO HIGH-THROUGHPUT, DATA-DRIVEN, AND PREDICTIVE APPROACHES, Philip Goodrum, GSI Environmental Inc.	305	BIOACCUMULATION OF PFAS IN MARINE FOODWEBS, Dr Rainer Lohman, University of Rhode Island's Graduate School of Oceanography		Emerging Contaminants in Water: Innovative Treatment Approaches and Corresponding Microbial Ecologies by Shaily Mahendra	246	TRAP & TREAT-AMENDED ACTIVATED CARBON INJECTION REMEDIATION OF HYDROCARBON AT AN URBAN REDEVELOPMENT SITE, Mr Ronald Ho, Environmental Resources Management Australia	88	RAPID IN-SITU REMEDIATION OF PETROLEUM HYDROCARBONS IN GROUNDWATER, Doug Craven, Trace Environmental
16.15 - 16.30							87	WHY CONTAMINATED LAND DATA SYSTEMS FAIL AND WHAT WORKS IN PRACTICE, Dr Claudia Pelizzaro, Cdm Smith	199	FIELD-SCALE ENHANCED IN SITU BIOREMEDIATION OF TCE-CONTAMINATED GROUNDWATER-A GENERALISED, LOW-COST AND DATA-DRIVEN CASE STUDY, Dr Mezbah Bahr, The University of Newcastle
16.30 - 16.45	51	ASSESSING PFAS UPTAKE IN TREES: IMPLICATIONS FOR ECOLOGICAL AND HUMAN EXPOSURE PATHWAYS IN AN URBAN REDEVELOPMENT CONTEXT, Leonardo Baeza, Lantema Consulting	36	PFAS BIOACCUMULATION: LESSONS LEARNED FROM FIELD, LABORATORY, AND MODELING EFFORTS, Dr. Jason Conder, Geosyntec Consultants	189	ECOTOXICOLOGICAL EFFECTS OF MICROPLASTIC-DERIVED PHTHALATES ON CAENORHABDITIS ELEGANS: IMPLICATIONS FOR SOIL HEALTH, Mrs Nadeeka Obadomudogie, University of Newcastle	73	IMPROVING AUDIT SYSTEM PROCESSES TO SUPPORT THE TIMELY ESTABLISHMENT OF GROUNDWATER PROHIBITION AREAS, Dr Madeleine Thomas, South Australian EPA	35	A HOLISTIC PERSPECTIVE ON ENVIRONMENTAL REMEDIATION, Mr Camilo Colodanato, Dow Chemical (Australia) Pty Ltd
16.45 - 17.00	193	COMPARISON OF THE PHYSIOLOGICAL RESPONSES OF FRESHWATER MICROALGA CHLORELLA SP. TO SELECTED SHORT- AND LONG-CHAIN PFAS, Mr Kasun Athipanyake, University Of Newcastle	202	BIOACCUMULATION OF PFAS IN CROPS AND DIETARY RISK ASSESSMENT IN FLUORO-CHEMICAL INDUSTRIAL AREAS OF CHINA, Dr Fangjie Qi, Institute of Soil Science	10	FROM INHIBITION TO ENHANCED BIODEGRADATION: ADAPTIVE POTENTIAL OF RHODOSPIRILLUM RUBRUM TOWARDS AZO DYES, M.Sc. Patrick Hansich, University Of Applied Sciences Munich	43	WASTE DESIGNATION APPLICATIONS FOR NATURALLY OCCURRING CONTAMINANTS: REDUCING THE REGULATORY RED TAPE FROM WITHIN, Mrs Cheryl Swann, Epa Victoria	231	IMPLEMENTATION OF MONITORED NATURAL ATTENUATION FOR LONG-TERM MANAGEMENT OF RESIDUAL PETROLEUM HYDROCARBON IMPACTS AT A FORMER SERVICE STATION, GOSNELLS, WA, Miss Lyvia Sousa, Wip
17.00 - 17.15	229	CYTO-GENOTOXIC EFFECTS OF SHORT-CHAIN PERFLUOROCARBOXYLIC ACIDS ON ALLIUM CEPA ROOT MERISTEM CELLS, Miss Nidhi Maurya, Global Centre for Environmental Remediation, School of Science, The University of Newcastle	46	THE RELEASE AND LEACHING OF PER- AND POLY-FLUOROALKYL SUBSTANCES (PFAS) INTO SOIL FROM CONTAMINATED RYEGRASS DURING DECOMPOSITION, Mr Minshu Dang, Adelaide University	134	ECOTOXICOLOGICAL EFFECTS OF PPCPS AND HAZELNUT SHELLS ON EARTHWORMS AND PLANTS IN BIODEGRADATION, Kennedy Costa, The University Of Newcastle	91	FROM REMEDIATION TO REUSE: INTEGRATED VAPOUR INTRUSION AND GROUND GAS MITIGATION PLANNING FOR REDEVELOPMENT OF A FORMER GASWORKS, Mr Jake Bourke, Ramboll	24	EVALUATION OF WATER TREATMENT RESIDUES AS SORBENTS FOR STORMWATER CONTAMINANT REMOVAL, Ma Razvan Gaba, Adelaide University
17.15 - 17.30	28	EFFECT OF WATER MATRIX ON PFAS ATTENUATION BY NATIVE WETLAND PLANTS, Hugo Carvahal Silva, Adelaide University	322	OCCURRENCE AND SPECIES-SPECIFIC PATTERNS OF PFAS IN SEAFOOD FROM LAGOS COASTAL WATERS, NIGERIA, Maureen Egbuatu, University of Newcastle	42	MODELLING PFOS IN UNSATURATED NEWER VOLCANICS BASALT, Mr Luke Forbes, Geosyntec	109	LEGACY LANDFILLS AS MODERN DISRUPTORS OF RISK, COST, AND COMMUNITY, Matt Welsh, GHD	95	FORMER BROMPTION GASWORKS – CHALLENGES AND LESSONS LEARNT FROM THE SITE CONTAMINATION AUDIT, Mr Michael Seignior, Bluesphere Environmental Pty Ltd
17.30 - 17.45	240	PFOS TOXICITY TO GROUNDWATER AMPHIBIOTS: DEVELOPING DIRECT EVIDENCE FOR ECOLOGICAL RISK ASSESSMENT, Dr Mezbah Bahr, University of Newcastle	147	PHYTOTOXICITY OF PHXHS AND ITS UPTAKE DYNAMICS IN LUPINUS POLYPHYLLUS, ODOH CHUKS KENNETH, Global Centre for Environmental Remediation (GGER), University of Newcastle	314	ASSESSMENT OF MICROPLASTICS IN POULTRY FEED AND FECAL SAMPLES, Dr Roheela Yasmeen, The University Of Newcastle	308	MINDCRAFT: NAVIGATING THE GED AND THE NEXT LAND USE TRANSITION THROUGH AN AUDITING LENSE, Christian Wallis, Naturetech	163	INJECTION OF A NOVEL POWDERED SORBENT – PROOF OF CONCEPT DEMONSTRATING PFAS REDUCTION, Mr. Will Caldicott, Rembind
17.45 - 18.45	Drinks and Poster Session - Hall L									
18.30 - 20.00	CSIA Evening Workshop - Compound-specific isotope analysis (CSIA) as a characterisation tool for site impacts from organic contaminants - City Room 1									
18.45 - Late	Cleanup Connect - Meet in Foyer M/Registration Desk at 6:30pm for a 6:45pm Departure.									

Monday, 14 September 2026

Tuesday, 15 September 2026

Tuesday, 15 September 2026

7.30	Exhibition and Poster Displays Open, Hall L				
	Speaker Support, Foyer L				
	Registration, Foyer L				
PLENARY SESSION 2					
Hall N					
8.30 - 8.40	Welcome Day 2				
8.40 - 9.25	Plenary Session: 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: 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 and Poster Viewing				
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
10.40 - 10.55	Keynote by Ramona Iery	317 THE IMPORTANCE OF INTERFACIAL PROCESSES IN PFAS FATE AND TRANSPORT IN THE UNSATURATED ZONE, Natalie Caprio, Cornell University	307 GEOAI, EARTH OBSERVATION AND SPATIAL INTELLIGENCE FOR ENVIRONMENTAL REMEDIATION AND SUSTAINABLE LAND MANAGEMENT, Prof Biswajeet Pradhan, University of Technology Sydney	91 LEAD APOCALYPSE: PORT FIRE, AUSTRALIA'S MOST CONTAMINATED TOWN, Mr Graeme Miller, Servpro Pty Ltd	131 VAPOUR RISK, REAL ESTATE REALITY: A CHLORINATED SOLVENT CASE STUDY, Mr Steve Miller, Aurora Environmental
10.55 - 11.10					104 IRON-MODIFIED BIOCHAR AND NITROGEN FERTILIZER MANAGEMENT COMBINEDLY REDUCED ARSENIC TRANSLOCATION IN RICE GRAINS UNDER FLOODED CONDITIONS, Md Imran Ullah Sarkar, University Of Newcastle
11.10 - 11.25	82 PROVEN AND PRACTICAL PFAS TREATMENT WITH ION EXCHANGE: LEARNINGS FROM THE US APPLIED TO AUSTRALIAN CHALLENGES, Cathy Swanson, Ecobat, Purafite Resins	72 RIGHT SIZING PFAS INVESTIGATIONS TO SUPPORT MINE CLOSURE, Mr Brett Roman, Stantec	142 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 GROUNDWATER TPH REDUCTION DYNAMICS DURING ACTIVE REMEDIATION IN OGONILAND: EVIDENCE OF REBOUND, SWEAK-ZONE PERSISTENCE, AND PROCESS-BASED CONTROLS, Engr. PENE Barikuma, Hydrocarbon Pollution Remediation Project (HYPREP)	92 UNLOCKING STRATEGIC LAND FOR RESIDENTIAL REDEVELOPMENT AND 'OLYMPIC VIEWS': REMEDIATION AND TESTING OF THE UNEXPECTED FINDS PROTOCOL, Ms Christine Kennelly, Aurecon
11.25 - 11.40	38 IN-PLACE MANAGEMENT OF PFAS-IMPACTED CONCRETE USING SEALANTS: FROM RAPID SCREENING TO INFORMED SELECTION, Dr Divina Angela Navarro, CSIRO	78 PFAS MASS QUANTIFICATION AND REDUCTION FOR "SFARP" REMEDIATION APPROACH, Bernice Ng, Ghd Pty Ltd	127 ASSESSING AND COMPARING THE VULNERABILITIES OF REMEDIATION DESIGN PARAMETERS FROM HISTORICAL PERFORMANCE - AN AI-ASSISTED APPROACH, Scott Warner, BBJ Group / University of Newcastle	81 PROTEOME CHANGES UNRAVEL THE PROTECTIVE ROLES OF CA IN ALLEVIATING CU TOXICITY IN BRASSICA NAPUS L, Dr. Swapnan Roy, International University Of Business Agriculture And Technology	218 ASBESTOS CEMENT PIPE REHABILITATION USING EPR (ENCAPSULATION PIPE RENEWAL), Ms Jean Meddick, Emerge Associates P/L
11.40 - 11.55	26 NOVEL ADSORPTION METHOD FOR DOWNHOLE REMEDIATION OF PFAS IN GROUNDWATER, Naomi Cooper, Servpro	212 THE PFAS DISTRIBUTION AND LOGKd AS INFLUENCED AND PREDICTED BY SOIL PROPERTIES FOR SPRAY FIELDS, Dr Simon Awaysent, University of Newcastle	148 FROM GOVERNANCE TO IMPACT: CASE STUDIES DEMONSTRATING PRACTICAL OUTCOMES FROM ELECTRONIC ENVIRONMENTAL DATA INTEGRATION, Mr Paul Steinwede, AECOM	180 ARSENIC MOBILISATION - CASE STUDIES TO INFORM DISPOSAL OF ARSENIC CONTAMINATED SOILS AND TAILINGS, Dr Matthew Watts, EPA Victoria	179 CASE STUDY: REMEDIATION AND REDEVELOPMENT OF A FORMER 200 HECTARE PAPER MILL (2015-2020), Mr Kane Mitchell, Geosyntec Company
11.55 - 12.10	240 IN SITU COLLOIDAL ACTIVATED CARBON FOR PFAS REMEDIATION IN GROUNDWATER: PERSPECTIVES FROM THE FIRST DECADE, Dr Jeremy Birmstingl, Regenesis	144 VADOSE ZONE CONTROLS ON PFAS FATE AND TRANSPORT IN EFFLUENT-IRRIGATED SOILS, Dr Yanju Liu, University of Newcastle	198 COMPREHENSIVE REVIEW ON THE APPLICATIONS OF MACHINE AND DEEP LEARNING MODELS IN PFAS MONITORING AND DETECTION, Dr Asadi Srinivasulu, crCCARE	113 ASSESSING HEAVY METAL POLLUTION LEVELS AND ASSOCIATED ECOLOGICAL RISKS IN PEATLAND AREAS IN THE MOKONG DELTA, Dr Ngoc Son Hai Nguyen, University of Agriculture and Forestry	244 THE EVOLUTION TOWARD MORE SUSTAINABLE LNAPL SITE MANAGEMENT: A 10-YEAR REVIEW OF NATURAL SOURCE ZONE DEPLETION IMPLEMENTATION IN AUSTRALIA, Mr Andre Smith Ghd
12.10 - 12.25	189 PFAS - THE FOREVER CHEMICAL NOW HAS AN EXPIRATION DATE, Mr Paul Collaghan, OCELOGY™	218 PFAS VAPOUR INTRUSION: EMERGING FIELD EVIDENCE, KEY UNCERTAINTIES, AND IMPLICATIONS FOR REGULATION, Paul Nicholson, Geosyntec Consultants	236 PIN: A RETRIEVAL-AUGMENTED AI PLATFORM FOR ENVIRONMENTAL KNOWLEDGE RETRIEVAL AND CONTAMINATED LAND DECISION SUPPORT, Adolf Oetober, Independent	185 NOVEL FLOATABLE CORE-SHELL STRUCTURED MICROSPHERES FOR CADMIUM REMOVAL FROM SOIL, Prof Xingtao Wang, Institute Of Soil Science, Chinese Academy Of Sciences	Discussions
12.25 - 13.25	Lunch and Poster Viewing				
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
13.25 - 13.40	293 THE FUTURE OF LEGACY CONTAMINATED SITES MANAGEMENT: NEW THEMES IN RISK AND SUSTAINABILITY THINKING, Paul Rados, Managing Director i3 - VIRIUAL	277 BIOSOLIDS IN TRANSITION: FROM NUTRIENT RESOURCES TO PFAS CHALLENGE – IMPLICATIONS FOR SOIL HEALTH, BIOTA, AND THE FOOD CHAIN, Professor Megharaj Malavarapu, University of Newcastle	238 BURIED TREASURE: FROM PDF TO AQS DATA USING AI, Prof Paul Nathaniel, LQM	309 ADVANCING PFAS SITE MANAGEMENT: QUANTIFYING BACKGROUND, SIDE-BY-SIDE TREATMENT TECHNOLOGY DEMONSTRATIONS, AND FRAMEWORKS FOR PERFORMANCE EVALUATION, Dr Rula Deeb, Geosyntec Consultants	143 VEYFER FLOWING WETLANDS: A NATURE-BASED SOLUTION FOR REMEDIATION OF INDUSTRIAL WASTEWATERS, Professor Sara Pawin Banu Kamaludeen, Tamil Nadu Agricultural University
13.40 - 13.55					223 SOIL-MICROBE-PLANT-HYDROLOGY INTERACTIONS IN PHYTOREMEDIATION: A REVIEW OF PROCESSES AND REHABILITATION POTENTIAL AT THE FORGERA GOLD MINE, PAPUA NEW GUINEA, Mr Stanley Rungwa, Papua New Guinea University Of Technology
13.55 - 14.10	19 LOW-IMPACT, HIGH-EFFICIENCY: ADVANCING SUSTAINABLE REMEDIATION WITH BIOGENIC HEAT INSZ MONITORING, Regina Balogh, Wip	263 PFAS IN BROADACRE SYSTEMS: PATHWAYS, RISK-BASED MANAGEMENT, STRATEGIES FOR SUSTAINABLE FOOD PRODUCTION, Dr Yanju Liu, University of Newcastle	248 PFAS PREDICTOR: A MACHINE LEARNING AND WEB-BASED PLATFORM FOR PREDICTING PFAS CONCENTRATIONS AND SOIL SORPTION PARAMETERS, Dr Alvin Lai, crCCARE	29 THERMAL PFAS DESTRUCTION DURING FULL-SCALE HAZARDOUS WASTE INCINERATION, Dr Jens Biotevogel, CSIRO	34 NATURE-BASED REMEDIATION REDUCES MASS DISCHARGE FROM A FRACTURED BASALT AQUIFER, Mr Camilo Colonato, Dow Chemical (Australia) Pty Ltd
14.10 - 14.25	79 SUPPLEMENTING SOIL VAPOUR EXTRACTION WITH IN-Well AIR SPARGING TO ACCELERATE RESIDUAL LNAPL REMEDIATION, Ms Emily Hoey, Stantec Australia Pty Ltd		274 AUTOMATING THE MECHANICAL FOR FASTER DATA EVALUATION, Mr Hugo Barry, AECOM	210 CONCRETECARE™ TECHNOLOGY TO IMMOBILISE PFAS IN THE CEMENTITIOUS MATERIALS, Mr Md Rashidul Islam, The University Of Newcastle	124 WASTE INNOVATION IN LEATHER INDUSTRY: RESOURCE MOBILISATION FROM TANNERY SOLID WASTES FOR ZERO WASTE DISCHARGE AND SUSTAINABLE LEATHER PRODUCTION, Dr Amal Kanti Deb, University Of Dhaka, Bangladesh
14.25 - 14.40	123 RICE HUSK AS SUSTAINABLE BIO-SORBENT FOR NITRATE REMOVAL FROM CONTAMINATED WATER, Prof Uday Pratap Shahi, Svpast Meerut	17 UNDERSTANDING PFAS ACCUMULATION IN LIVESTOCK ON BIOSOLID-UTILISING FARMS: A STUDY OF ENVIRONMENTAL AND BLOOD SAMPLES, Dr Sherwin Kabir, University Of Adelaide	125 USING MULTI AI AGENTS TO IMPROVE TRACEABILITY AND EFFICIENCY OF PRELIMINARY SITE INVESTIGATIONS(PHASE 1) ASSESSMENTS, Mr Max Davies, Dotanest	203 MITIGATING THE RISKS OF INCOMPLETE DECONTAMINATION USING A NOVEL SURFACE TESTING METHOD TO COMPREHENSIVELY ASSESS PFASs REMAINING THROUGHOUT FIRE FIGHTING SUPPRESSION SYSTEMS, Dr Ian Ross, CDM Smith	80 FROM WASTE STREAM TO RESOURCE: RISK-BASED REUSE OF RECONSTRUCTED CONCRETE AT A LEGACY INDUSTRIAL SITE, Miss Jacqueline Connor, Ramboll
14.40 - 14.55	130 PHYTOREMEDIATION OF ARSENIC IN MINE WASTE CONTAMINATED SOIL USING POA LABILLARDIERI AND SOIL AMENDMENTS: A SHORT-TERM PILOT TRIAL AT THE GREATER BENDIGO REGION OF VICTORIA, Dr Leadin Khudr, Rmit University	70 SUSTAINABLE TREATMENT TECHNIQUES FOR PFAS STABILISATION IN CONTAMINATED BIOSOLIDS, Ms Malheeh Arab, Adelaide University	109 COMPARATIVE EVALUATION OF AI/ML MODELS FOR OPTIMISATION OF CHROMIUM REMOVAL FROM CONTAMINATED WATER USING REDUCED GRAPHENE OXIDE, Prof Priya Gupta, Jawaharlal Nehru University	22 REACTOR SURFACE IMPACTS ON THE EVOLUTION OF TRANSIENT INTERMEDIATES DURING PFAS INCINERATION, Wenchao Lu, CSIRO Environment	292 IMPLEMENTATION OF MONITORED NATURAL ATTENUATION (MNA) AS A MEANS OF REMEDIATING NITRATES AT A MINE IN WESTERN AUSTRALIA, Mr Eduardo Ruffier, WSP Australia
14.55 - 15.10	220 FROM CLEANUP COST TO VALUE CREATION: THE BUSINESS CASE FOR NATURE-BASED SOLUTIONS AT REMEDIATION SITES, John Bleiler, Aecom	261 PFAS MANAGEMENT IN BIOSOLIDS THROUGH CLOSED COUPLED PYROLYSIS AND GASIFICATION TECHNOLOGY: PILOT PLANT TRIALS, Dr Aravind Surapaneni, South East Water	43 AI-DRIVEN MICROPLASTIC REMEDIATION FOR SUSTAINABLE CIRCULAR ECONOMY SOLUTIONS, Mr Adarshi Adasleja, University Of Newcastle	45 THE LATEST ADVANCES IN TREATMENT OF PFAS IN CONCRETE: CASE STUDIES OF PFAS-IMPACTED CONCRETE TREATMENT FOR AIRSERVICES AUSTRALIA, Mr Andrew Kita, Ambiolock Australia	8 THE ROLE OF SOIL WASHING IN SUSTAINABLE REMEDIATION, Marcos McBride, Cde Global
15.10 - 15.40	Afternoon Tea and Poster Viewing				

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	
15.40 - 15.55	292	308	294	98	257	
15.55 - 16.10				100		
16.10 - 16.25	304	44	25	111	162	
16.25 - 16.40				143		
16.40 - 16.55	128	77	190	144	159	
16.55 - 17.10				164		
17.10 - 17.25	172	204	49	220		
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					

Wednesday, 16 September 2026

7.30	Speaker Support, Foyer L	Exhibition and Poster Displays Open, Hall L				
	Registration, Foyer L					
CONCURRENT SESSION 7						
8.30 - 10.15	Session 7.1 Military Impacted Land - Remediation and assessment	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	
8.30 - 8.45	Keynote by Ramona Iery	38		11		
8.45 - 9.00			328	188	310	
9.00 - 9.15	299	245	306	249	270	
9.15 - 9.30	285	52	329	250	117	
9.30 - 9.45	164	55	329	251	121	
9.45 - 10.00	278	75	329	239	148	
10.00 - 10.15	Discussions	94	Discussions	Discussions	242	
10.15 - 10.45	Morning tea and Poster Viewing					

Wednesday, 16 September 2026

Wednesday 16 September 2026 (cont)										
CONCURRENT SESSION 8										
10.45 - 12.30		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		City Room 1		City Room 2		City Room 3		City Room 4		
10.45 - 11.00	283	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	304	TRENDS OF ORGANIC CONTAMINANTS IN GLOBAL WATERS FROM THE AQUA-GAP/SIMONET NETWORK. Dr Rainer Lohman, University of Rhode Island's Graduate School of Oceanography	27	AQUEOUS REDOX VARIABILITY: THE "CANARY IN THE COAL MINE" FOR MONITORING HYDROLOGIC CHANGE UNDER CLIMATE FORCING. Scott Warner, B&J Group / University of Newcastle	40	REPURPOSING ORAPA MINE TAILINGS FOR SOIL IMPROVEMENT OF ARENOSOLS IN CENTRAL BOTSWANA. Dr. Venecio Jr Ultra, Botswana International University Of Science And Technology	287	GLOBAL SOIL POLLUTION BY TOXIC METALS: IMPACT TO AGRICULTURE AND SUSTAINABLE REMEDIATIONS. Dr Deyi Hou, Tsinghua University
11.00 - 11.15	284	HEAVY METALS IN WAR-AFFECTED BLACK SOILS OF EASTERN UKRAINE: GEOCHEMICAL SIGNATURES OF WARFARE DISTURBANCE. Oleksandr Bonchukovskiy, Ukrainian Researchers Society	41	ANBO3 (A = Na, K, AG, LI) PHOTOCATALYSTS FOR ORGANIC POLLUTANT DEGRADATION. Ms Chantelle Falcato, Adelaide University	33	CLIMATE-DRIVEN CHANGES IN CONTAMINANT BEHAVIOUR IMPACT VAPOUR INTRUSION MITIGATION SYSTEM DESIGNS. Paul Nicholson, Geosyntec Consultants	41	BEYOND THE MATRIX: RE-THINKING SURFACE SCREENING FOR RESIDUAL CONTAMINANTS. Ms Sarah Jane Leviston, CDM Smith	203	BENTONITE AS A CARRIER ENHANCES THE GROWTH OF PHOSPHATE SOLUBILIZING BACTERIA (PSB) AND SUSTAINABLE RELEASE OF PHOSPHORUS. , Mr Md Rafique Uddin, University Of Newcastle
11.15 - 11.30	285	IMPACT OF ENVIRONMENTAL DISRUPTION ON MICROBIAL AND ENZYMIC DYNAMICS OF CHROMIUM SOILS. Iryna Gumeniuk, Institute of Agroecology and Environmental Management of NAAS of Ukraine	16	CARBON TETRACHLORIDE - THE PERSISTENT CARCINOGEN - WHAT'S OUR RISK FROM THE GLOBAL ATMOSPHERIC BACKGROUND? Mr Adrian Heggie, Environmental Group Australia	21	SEA WATER INTRUSION AND SALINIZATION IMPACTS AND REMEDIATION STRATEGIES IN SOUTH ASIA. Dr. Mohammad Johiruddin, Bangladesh Agricultural University	37	DEVELOPMENT AND APPLICATION OF AN AI ENABLED PROPERTY SEARCH TOOL TO SUPPORT OFF SITE VAPOUR INTRUSION RISK MANAGEMENT. Cathal Faherty, Geosyntec Consultants	54	REVEALING THE HIDDEN PATHWAYS: SIMULTANEOUS DETECTION OF GLYPHOSATE, AMPA AND SARCOSINE IN SOIL. Mrs Nipuni Welivitiya, University of Newcastle
11.30 - 11.45	286	SAMPLING STRATEGIES FOR REPRESENTATIVE ASSESSMENT OF WAR-INDUCED SOIL CONTAMINATION IN UKRAINE. Pavlo Ostapenko, Ukrainian Researchers Society	103	ELIMINATION OF SELECTED PERSISTENT ORGANIC MICROPOLLUTANTS (POPS) IN AQUEOUS SOLUTION BY CATALYTIC HYDROGENATION AND HYDRODEHALOGENATION. Dennis Ehler, Hochschule Wismar	39	IMPACT OF CLIMATE CHANGE ON LEACHING SOIL CONTAMINATION. Robert Schneider, ESCI, LLC	43	FIELD APPLICATION OF THE SOLVENT-BASED SAMPLING METHOD FOR COLLECTING GAS-PHASE VOC AND CONDUCTING COMPOUND-SPECIFIC ISOTOPE ANALYSIS. Dr. Daniel Bouchard, GHD	151	SILICON NANOPARTICLES ENHANCE RICE CADMIUM TOLERANCE THROUGH ROOT ARCHITECTURE AND EXUDATE PROFILES. Md Tofail Hossain, University Of Newcastle
11.45 - 12.00	300	SATELLITE MAPPING AND FARM DATA FOR RISK-ORIENTED LAND SURVEY AND REHABILITATION IN CONFLICT-AFFECTED UKRAINE. Stanislav Ostapenko, Food and Agriculture Organization	124	VISIBLE-LIGHT REDUCTIVE DEGRADATION OF PFAS IN LAB-PREPARED SOLUTIONS AND FIELD-DERIVED SAMPLES. Dr. Mahmoud Adel Hamza, Adelaide University	233	CLIMATE SMART MAIZE BREEDING: LINKING GENETIC STABILITY, BIOMASS PRODUCTIVITY, AND CARBON SEQUESTRATION THROUGH MULTIVARIATE MODELING. Md. Delwar Hossain, University Of Rajshahi	174	CUTTING COMPLEXITY DOWN TO SIZE: A SPATIALLY DEFINED INVESTIGATION FRAMEWORK FOR A LARGE INDUSTRIAL SITE. Hannah Bennett, GHD Pty Ltd	255	WASP BASED ASSESSMENT OF OXIDISED NITROGEN DYNAMICS AND EUTROPHICATION RISK IN THE BURDEEN RIVER. Uday Rana Singha, University Of Southern Queensland
12.15 - 12.30	301	ENVIRONMENTAL DEGRADATION AND FARMER DECISION-MAKING UNDER PROTRACTED CONFLICT-INTENSIFIED SOIL CONTAMINATION AND PERCEPTION IN NORTHWESTERN SYRIA. Prof Miosar Althasun, University of Leeds	247	BEYOND SINGLE ENZYMES: A SYSTEMS APPROACH TO FUNGAL TRANSFORMATION OF ORGANOHALOGENS. Mr Gerardo Aguilar Jr, RMIT University	273	RENEWABLE ENERGY IMPLEMENTATION FOR A CLEAN AND SUSTAINABLE BANGLADESH: MITIGATING CLIMATE CHANGE AND REDUCING ENVIRONMENTAL CONTAMINATION. Dr. Ranajit Kumar Dutta, South East Water	244	RAPID DETERMINATION OF POLONIUM-210 IN ENVIRONMENTAL AQUEOUS AND SOLID MATRICES USING ALPHA SPECTROMETRY. Dr. Xuan Bach Nguyen, Sgs Nottling Hill	227	EFFECT OF POROUS STRUCTURE ON ADSORPTION KINETICS OF IMIDACLOPRID IN POROUS SILICA NANOMATERIALS. , Mr Saifullah Omar Nasif, University Of Newcastle
12.30 - 13.30	Lunch and Poster Viewing									
CONCURRENT SESSION 9										
13.30 - 15.15		Session 9.1 Mixtures and Complexity in Env systems		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		
13.30 - 14.00	313	PRIORITIZATION AND MANAGEMENT OF COMPLEX CHEMICAL MIXTURES IN ENVIRONMENTAL MATRICES. Summer Streets, Minnesota Pollution Control Agency (VIRTUAL)	295	BEYOND TOTAL CONCENTRATIONS: SOIL REACTIVITY, BIOAVAILABILITY AND THE FUTURE OF PFAS RISK ASSESSMENT AND REMEDIATION. Distinguished Laureate Professor Ravi Naidu,	102	TURNING NATURALLY OCCURRING MINERALS INTO ECO-REMEDIATION SOLUTIONS: ADDRESSING GASEOUS EMISSIONS, CLIMATE CHANGE, AND FOOD CHAIN IMPLICATIONS. Dr Bhabananda Biswas, cscCARE	114	SHORELINE CLEAN-UP OF OIL-IMPACTED MANGROVE AND WASTE MANAGEMENT IN THE NIGER DELTA. Prof Meritxane Izaberry, Hydrocarbon Pollution Remediation Project (Hyprep)	319	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	221	MANAGING PFAS AT NAPL-IMPACTED SITES: CHALLENGES AND UNCERTAINTIES. Dr. Matthew Lee, Geosyntec Consultants	118	ARSENIC SPECIATION IN ENVIRONMENTAL SYSTEMS USING AMMONIUM ELUENTS: ADVANCING IC-ICP-MS FOR ACCURATE RISK ASSESSMENT. A/Prof Mohammad Mahmudur Rahman, University of Newcastle/ cscCARE	184	IDENTIFYING CLIMATE-RESILIENT WHEAT GERMPASM FOR SUSTAINABLE CEREAL PRODUCTION IN SOUTH ASIA UNDER RISING TEMPERATURES. Ms Nurul Binita Afia, Bangladesh Institute Of Nuclear Agriculture	137	BIOCELL-ENHANCED BIOREMEDIATION OF PETROLEUM HYDROCARBON-IMPACTED SOILS IN OGONILAND, NIGER DELTA, NIGERIA. Professor Lucian Chukwu, University Of Lagos	313	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	99	ULTRAHIGH RESOLUTION FTICR MASS SPECTROMETRY ANALYSIS OF AUSTRALIAN AQUEOUS FILM FORMING FOAMS FOR FORENSIC PURPOSES. Robert Young, Commonwealth Scientific and Industrial Research Organisation	191	LEGACY CONTAMINATION AND SUSTAINABLE LAND MANAGEMENT: HIGH TOTAL COPPER BUT LIMITED ECOLOGICAL EFFECTS. Miss Polly Cavanagh, Ghd Pty Ltd	17	THERMAL POWER PLANT FLY ASH IN BRICK PRODUCTION: WASTE-TO-WEALTH APPROACH. Professor Dr. Md. Abdul Hashem, Khulna University of Engineering & Technology (KUET)	134	SMEAR-ZONE EFFECT ON GROUNDWATER REMEDIATION PERFORMANCE IN HYDROCARBON-IMPACTED AGUEFFERS IN OGONILAND, NIGERIA. Israel Sigato, Hydrocarbon Pollution Remediation Project (HYPREP)	308	THE SOUTH AUSTRALIAN HARMFUL ALGAL BLOOM. Clive Jenkins, SA EPA
14.30 - 14.45	154	BEYOND THE CHROMATOGRAM: HOW METHODOLOGY SHAPES HYDROCARBON AGE-DATING OUTCOMES. Daniela Guerra Jara, Wap	14	DO TOTAL METAL CONCENTRATIONS OVERESTIMATE RISK? INSIGHTS FROM LEACHING AND SPECIATION TESTS IN COMPOST-AMENDED SOILS. Dr Sara Bayat, University of New England	246	SEASONAL VARIATIONS IN DISTRIBUTION, HEAVY METAL UPTAKE AND PROLINE PRODUCTION OF NATIVE PLANTS GROWING ON Pb-CONTAMINATED SITE IN (BADAN, SOUTH-WESTERN, NIGERIA. Professor Sifau Adejumo, University of Ibadan	122	ENVIRONMENTAL ASSESSMENT OF HYDROCARBON IMPACTED SITE AT AJEKOPORI OIL SPILL SITE USING ELECTRICAL RESISTIVITY TOMOGRAPHY TECHNIQUE. Engr. PENE Barikuma, Hydrocarbon Pollution Remediation Project (HYPREP)	308	THE SOUTH AUSTRALIAN HARMFUL ALGAL BLOOM. Clive Jenkins, SA EPA
14.45 - 15.00	288	INTEGRATED LANDFILL LEACHATE TREATMENT TECHNOLOGY TO REMEDIATE MIXED POLLUTENT. Mr Md Rashidul Islam, The University Of Newcastle	184	FROM INFLUENT TO EFFLUENT: EVALUATING THE FATE OF EMERGING CONTAMINANTS IN HUNTER REGION WASTEWATER TREATMENT PLANTS. Mrs P.W.Yoshida Lokshani, University of Newcastle	138	A CIRCULAR PATHWAY FOR CO2 CAPTURE AND CEMENT DECARBONISATION USING HALLOYSITE-BASED ADSORBENTS. Slavosh Davoodi, GCER, University Of Newcastle	20	DYNAMICS OF PETROLEUM HYDROCARBON CONTAMINATION AND ENVIRONMENTAL RISKS OF SOIL AT ARTISANAL CRUDE OIL REFINING SITES IN OGONILAND, NIGERIA. Ms Samarah Nke-ee, Hydrocarbon Pollution Remediation Project (HYPREP)	158	TRANSITION TO FLUORINE-FREE FIREFIGHTING FOAMS IN SOUTH AUSTRALIA. Aiden Riley, SA EPA
15.00 - 15.15	133	INVESTIGATION OF CO-COMPOSTING IN COMBINATION OF TOXIC FECAL SLUDGE AND TANNERY LINED FLESHING. Prof Abdul Hashem, Khulna University of Engineering & Technology (KUET)	178	ENHANCING ENVIRONMENTAL ASSESSMENT USING SIREM SPEEPRS PASSIVE SAMPLERS TO QUANTIFY BIOAVAILABLE METALS IN SEDIMENT POREWATER. Dr Parva Mahajan, Geosyntec Consultants	235	ENVIRONMENTAL GOVERNANCE, CARBON SEQUESTRATION, AND SUSTAINABLE DEVELOPMENT: THE EMERGING ROLE OF ENVIRONMENTAL LAW IN DEVELOPING ECONOMIES. Rubayyat Islam Hildam, Afshir Dipankar University Of Science & Technology	294	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	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 sessions rooms									
PLENARY SESSION 3										
Hall N										
15.20 - 16.05	Plenary Session: EU Soil Monitoring Law - Implementing it and moving faster towards healthy soils 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 Rooms 1 & 2		
9:00 – 10:30	Technical Tour departing from West entrance of Adelaide Convention Centre (Meet at 8:30am for a 9:00AM departure)	WORKSHOP 7: Faster, Better, Cheaper: Introduction to Risk-Based Investigation Methods
11:00 – 12:30		
13:30 – 15:00		
15:30 – 17:00		

Wednesday, 16 September 2026

Thursday, 17 September 2026

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
209	P3	PERFORMANCE EVALUATION OF PILOT-SCALE TRIAL OF PFAS REMEDIATION USING A SUBSURFACE HORIZONTAL REACTOR WITH MATCARE™ TECHNOLOGY, Danidu Kudagamage, crcCARE
264	P4	MODIFIED CLAY COMPOSITES FOR EFFICIENT REMOVAL OF POLY-PER FLUOROALKYL SUBSTANCES (PFAS), Msc Tamir Zalmon, Technion - Israel Technological Institute
320	P5	PFAS IN BARRAMUNDI: BRIDGING BIOACCUMULATION AND TOXICITY TO STRENGTHEN REGULATORY DECISION-MAKING , Dr Anu Kumar, CSIRO

Emerging and recently emerged Contaminants

18	P6	SIMULTANEOUS QUANTITATION OF ULTRASHORT-, SHORT- AND LONG-CHAIN PFAS IN WATER BY A SINGLE DIRECT INJECTION LC–MS/MS METHOD, Dr Charlie Liu, Sciex
217	P7	CYTO-GENOTOXICITY OF TRICLOSAN TO ALLIUM CEPA, Dr Anithadevi Kenday Sivaram, University of Newcastle
137	P8	BIBLIOMETRIC ANALYSIS OF ECOTOXICOLOGICAL EFFECTS OF ORGANIC SUPPORT MATERIALS ON PLANTS AND EARTHWORMS EXPOSED TO PPCPS, Kennedy Costa, The University Of Newcastle
230	P9	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	P10	SOIL HEAVY METAL POLLUTION UNDER DIFFERENT LAND USES NEAR A POWER PLANT, Akram Haghighat Doust, University Of Newcastle
241	P11	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
323	P12	ENHANCED REMOVAL OF CD(II) FROM AS(III)-CONTAINING MEDIA BY ABH ₄ -REDUCED ZRMN OXIDES: PERFORMANCE AND MECHANISM, Prof Yurong Wang, Institute Of Soil Science, Chinese Academy Of Sciences

Climate Change and Contaminant Behaviour

115	P13	ADAPTATION POTENTIALS OF CLIMATE-SMART AGRICULTURE TOWARDS THE AVENUES OF FARM SUSTAINABILITY, Mr Md Maruf Billah, The University Of Newcastle
173	P14	FEEDING CATTLE A PINCH OF CLAY: HOW DOES IT PLAY A MOLECULAR ROLE IN CURBING METHANE BURPS? Zubaer Hosen, University of Newcastle, NSW. Australia
193	P15	EFFECT OF PARTICLE SIZE ON CH ₄ SORPTION IN AUSTRALIAN ZEOLITE, Mr Md Rashidul Islam, The University Of Newcastle
215	P16	CONTAMINATED SITE MANAGEMENT UNDER NATURAL HAZARDS: EVOLUTION AND CASE STUDIES IN TAIWAN, Dr. Hao-Chung Hung, Soil and Groundwater Remediation Fund Management Board, Environmental Management Administration, Ministry of Environment, Taiwan
232	P17	INTEGRATED SUPPLY CHAIN MANAGEMENT FOR SUSTAINABLE MANGO PRODUCTION, POSTHARVEST LOSS REDUCTION, AND MARKET COMPETITIVENESS IN BANGLADESH: A QUALITATIVE AND CORRELATION-BASED ANALYSIS, Md. Deluar Hossain, University Of Rajshahi
234	P18	RHIZOSPHERE DYNAMICS, NUTRIENT CYCLING, AND CARBON SEQUESTRATION: PERSPECTIVES FROM AUSTRALIA AND GLOBAL AGROECOSYSTEMS, Dr Md Abdul Halim, University of Newcastle, Australia
278	P19	REMOTE SENSING AND MACHINE LEARNING FOR ASSESSING CLIMATE-DRIVEN CONTAMINANT DYNAMICS IN ENVIRONMENTAL SYSTEMS, Dr Anitha V R, BMS Institute of Technology and Management

POSTER PRESENTATIONS (cont)

Persistent Organic Pollutants (POPs) and Modern Challenges

86	P20	UTILISATION OF LIGNOCELLULOSIC AGRO-INDUSTRIAL WASTES TO CULTURE OYSTER MUSHROOMS IN GOROKA, PAPUA NEW GUINEA, Mr. Anson Barish, University Of Goroka
102	P21	RECENT IMPROVEMENTS IN REDUCTIVE IRON/CARBON NANOMATERIALS FOR REMEDIATION OF VARIOUS EMERGING AND PRIORITY POLLUTANTS: EFFICACY OF REACTIVE MATERIALS, Prof Rahul Singh, Hochschule Wismar
135	P22	TAILORING SOYBEAN MEAL-DERIVED BIOCHAR FOR EFFICIENT PEROXYMONOSULFATE ACTIVATION AND SULFAMETHOXAZOLE REMOVAL, Zijun Zeng, University of Newcastle
194	P23	COST-EFFECTIVE OPTIMISATION OF MATERIAL SYNTHESIS FOR LARGE-SCALE PRODUCTION, Mr Md Rashidul Islam, The University Of Newcastle

Mixtures and Complexity in Environmental Systems

150	P24	PHREEQC-BASED SIMULATION OF STAGED PERSULFATE DOSING FOR MIXED TCE-EDC GROUNDWATER CONTAMINATION, Dr. Sheng-Wei Wang, Department of Civil Engineering, National Central University
167	P25	EFFECTS OF BIOCHAR ON RICE YIELD, SOIL CHEMICAL PROPERTIES, AND NUTRIENT USE EFFICIENCY IN WETLAND RICE SYSTEMS, Mrs Afsana Jahan, The University of Newcastle

Case Studies and Lessons from the Field

12	P26	TEST FOR PFAS, POP AND OTHER CONTAMINANTS WITH CONFIDENCE BY MAKING YOUR OWN SUSTAINABLE ANALYTICAL GRADE N2 AND H2 GAS, Dr Nicole Pendini, Peak International Group
107	P27	EFFECT OF SOLID PIGGERY SLUDGE APPLICATION ON SOIL PROPERTIES, COWPEA PRODUCTION, AND TISSUE ACCUMULATION OF METALS UNDER TROPICAL HUMID LOWLAND CONDITIONS IN PAPUA NEW GUINEA, Miss Levy Kasa, Eastern Highlands Provincial Administration
119	P28	LEARNING TO WORK WITH UNCERTAINTY: PRACTICAL METHODOLOGIES FOR DATA-LIMITED PROJECTS, Miss Lara Jackson, Ghd Pty Ltd
140	P29	EFFECT OF MANAKAMANA (ORGANIC FERTILIZER) ON PERFORMANCE OF WHEAT AND CAULIFLOWER, Dr Sabina Devkota, Narc, Nepal

Agrichemical and Chemical Legacies: Managing Persistent Pollutants in Productive Landscape

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