8.00 - 1700		Exhibition and Paster Display Build, Hall L								
09:00 - 12:30		Workshop 1		Workshop 2		Workshop 3		Workshop 4		Workshop 5
		City Koom 1 Advances in PFAS Analytical Chemistry, Data Interpretation, and Effective Management of PFAS in Groundwater		City Boom 2 Site Characterization, Mass Flux, Incremental Sampling Methodology, Artificial Intelligence in Site CleanUp, and Balancing Legacy and Emerging Contaminants in Site CleanUp		City from 3 Human Health Risk Assessment – the How to Guide		City Room 4 Data and PFAS Analytics – Al Approach and Case Studies		Room L81 Faster, Better, Cheaper: Risk-Based Investigat Remediation (STARTS 4.00am)
13:30 - 17:00		Workshop 1 Continued City Room 1	_	Workshop 2 Continued City Room 2		Workshop 3 Continued City Room 3		Workshop 6 City Room 4		
		Advances in PFAS Analytical Chemistry, Data Interpretation, and Effective Management of PFAS in Groundwater		Site Characterization, Mass Flux, incremental Sampling Methodology, Artificial Intelligence in Site CleanUp, and Balancing Legacy and Emerging Contaminants in Site CleanUp	5	Human Health Risk Assessment - the How to Guide		ASBestos-IN-Soll (ASBINS) Master Class		
15.00 - 18.00 15:00 - 18:00 17:30 - 18:30		Registration Foyer M Speaker Support, Foyer M Welcome drinks, Foyer M								
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7:30 7:30	Speak Registr	ter Support, Foyer M ration Open, Foyer M RENGE OPENING								
Holl N	_	onal Welcome to Country Ceremony	-		-		-		-	
9.00 - 9.15	Officia	al Conference Opening & Welcome nemorative Bilan Robinson Lecture: One Planet, One Health: U atalia Rodríguez Eugenio, Global Sol Partnership, Food and Ag	Incove	ing the impact of pollution from the soil to the soul	_					
10.00 - 10.15	Globa	atalia Rodriguez Eugenio, Global Sol Partnership, Food and Ag al Sol Partnership and Its Tehenical Network in Tackling Sol Pa (us Ustnov, Food and Agriculture Organization of the United No	ollution							
		ng Tea and Poster Viewing - Hall L								
CONCURR	ENT SE	Session 1A PFAS Analytics		Session 18 PFAS Fate and Transport		Session 1C Advances in Site Characterisation and		Session 1D Recent Advances in Remediation		Session 1E Environmental Policy ar
		Hall N		City Room 1		implications to Conceptual Site Models City Room 2		Technologies City Room 3		City Room 4
10:45 - 11:00	259	NONTARGET SCREENING FOR PFAS: A DETAILED LOOK BEHIND THE SCENES OF CONTAMINATED SITES, Prof. Christian Zwiener, University of Tuebingen	293	FATE AND TRANSPORT OF PFAS CONSIDERING BOTH PER- AND POLYFLUOROALKYL SUBSTANCES, RUOROSURFACTANT PHYSICAL CHEMSTRY AND MULTIPLE BULK USES, Dr Ion Ross, CDM Smith	193	HIGH RESOLUTION STE CHARACTERISATION AND IMPLICATIONS TO CONCEPTUAL STE MODELS, Dr Jonás Garcia-Rincán, Legion Driling	308	ENERGING TECHNOLOGIES FOR CONTAMINATED SITES, Menglang Chen, Chinese Acodemy of Sciences	300	LEGACY CONTAMINATION: EPA VICTORIA PE Mozis, EPA VIC
11.15 - 11.30	a	NON-TARGETED SCREENING FOR PFAS USING DIRECT INFUSION ULTRAHIGH RESOLUTION FFICE MASS SPECTROWETRY, Robert Young, CSRO	53	HYDRATED ELECTRONS: THE FUTURE OF PFAS DEGRADATION?, Ms Mobel Day, University of Adelaide	31	ACHIEVING CLEANLINESS: REVISING CONCEPTUAL SITE MODEL TO SUCCESSFULLY REMEDIATE AN ASBESTOS IMPACTED SITE, M Benedict Robinson, Stantec Australia		INNOVATIVE USE OF ALERIPRO TO ENHANCE ASSESTOS AND ASSESTOS-IN-SOLI, JASRINSI, ASSESSIVENT AND REMEDIATION PROJECTS, M. Ross McFarland, Aecom	41	ENHEALTH GUIDANCE FOR THE HUMAN HEAL ASSESSMENT OF VOLATILE CHLORINATED HYD VAPOUR INTRUSION, Dr Ian Delgere, SA Heal
11.30 - 11.45	217	APPLICATIONS OF HIGH RESOLUTION MASS SPECTROMETRY IN PFAS ANALYSS, Dr Jacob Joine, Als Global	152	VOLATILE PFAS MONITORING IN OFFGAS FROM FULL SCALE FOAM FRACTIONATION AT A LIQUID WASTE FACILITY, Simon Dong, Arcodik	60	ADVANCEMENTS IN MONITORED NATURAL ATTENUATION ASSESSMENTS AT COMPLEX SITES WITH INCORPORATION OF ADVANCED DATA ANALYTICS AND INNOVATIVE CHARACTERIZATION TOOLS, Dr Matthew Lee, Geosyntec Consultants international, Inc.	63	University	255	BIOAVAILABILITY BASED SOIL GUIDEUNES, Low Naidu, University of New Castle
11.45 - 12.00	91	QUANTIFICATION OF PERFLUOROALKYL AND POLYFLUOROALKYL SUBSTANCES (PFAS) CONCENTRATION IN ESTUARINE SYSTEM UNDERSTANDING HIE INFLUENCING FACTORS, M Novneet Singh, ADE Consulting Group	163	APPLICATION OF PFAS FORSENICS – EXAMINING THE DISTRIBUTION OF PFAS IN SOURCES AND RECEPTORS, Mr. JailSingh, Cidm Smith	245	IMPACT OF FLOW METERS ON GROUND GAS RISK ASSESSMENTS, Nick Woodford, Tetro Tech Coffey	118	CONTAMINATED SOIL IN MINE, Professor Zhaohui Guo, Central South University	n	TECHNICAL CHALLENGES FOR CONTAMINATE PRACTITIONERS WHEN CONSIDERING RECENT VAPOUR INTRUSION GUIDANCE, Stonley How
		CAPTURING FLUOROCARBON RADICALS DURING PEAS	104	ENHANCING PFAS IMMOBILIZATION IN CONTAMINATED SOLS USING ACTIVATED CARBON AND GRASS UNDER SIMULATED RAINFALL, MY Mirshu Liang, University Of Adeloide	238	FROM POLLUTION PATHWAYS TO SOLUTION PATHWAYS, MIS Kitsty Daiton, Ghd Pty Ltd	188	AEROBIC CO-COMPOSTING DEGRADATION OF HIGHLY DIOXIN- CONTAMINATED FIELD SOIL: A STUDY OF BACTERIAL COMMUNITY, Dr. Huu Tuan Tran, Thai Nguyen University of	180	PRIORITISE JET FUEL ADDITIVES USING CHEMS-
12.00 - 12:15		INCINERATION USING MOLECULAR-BEAM PYROLYSIS MASS SPECTROMETRY, Dr Wenchoo Lu, CSIRO		KAINFALL, M Mirchu Long, University Of Adelaide				Agriculture and Forestry (tuat), Vietnam	100	Yanju Liu, University of Newcastle
12.15-13.15 PLENARY S Hall N 13.15-14.00	Lunch ESSION	and Poder Viewing - Holl L 11 Y Section 1: Theory to-Practice: Sal Ecosystem Services for Do Challer Encody Section Front & Ecosystem Services for Do	elivering aland L					Agriculture and Forestry (bud), Veiham		Yangu Lu, University of New Casile
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12.15 - 13.15 PLENARY S Holl N 13.15 - 14.00 14.00 - 14.05 CONCURR 14.05 - 15.35	Lunch ESSION Prenar Dr Bier Move RENT SES	and Poder Viewing - Kall L (1) y taxion Theory to Anadox Sof Ecosystem Sories for Do Content Princips Calendar Soft Ecosystem Sories for Do Software Theory Software		e Hadilly Griddomat Ra Cycle Monogenerit Cante, Masey University Session 28 FFAS Groundwoter Modelling City Boon 1		Implications to Conceptual Site Models City Isoom 2	252	Agculture and foreity (Lot), Vathani Session 2D Recent Advances in Remediation Technologies Cary Issue 3 Hock Optimic Contil Repetition (Or File Akt) Proce- toriation (Lot (La Repetition) (Or File Akt) Proce- ption (La Repetition) (La Rep	264	Session 22 Environmental Policy an City Room 4 MASE RUK SAED CRIEBER FOR THE MANAGO CRICKEDWATER CONTAMINATION, Creg Do
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PLENARY S	ESSIO	N 2	_		_		_		_	
9.00 - 9.15	Welco	ome Day 2 ny Session 2: Anything But PFAS - ssor Mark Taylor,Chief Environmental Scientist and Executive Di								
9.15 - 10.00	Prote: Morni	ssor Mark Taylor,Chief Environmental Scientist and Executive Di ing Tea and Poster Viewing - Hall L	rector,	EPA, Victoria						
CONCURR	ENT SE	ession 4								
10.30 - 12.15		Session 4A PFAS Policy		Session 48 PFAS Remediation		Session 4C Diffuse Pollution		Session 4D Recent Advances in Remediation Technologies		Session 4E Case Studies
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								GHD		
		Hall N		City Room 1		City Room 2		City Room 3		City Room 4 EDUCATION AND TRAINING FOR CONTAMINATE
10.30 - 10.45	73	PFAS: MANAGEMENT STRATEGY VIEWED THROUGH A GLOBAL	149	DATA EVALUATION FRAMEWORK FOR DELINEATION OF PFAS SOURCE ZONES AND "BACKGROUND" PFAS SOURCES, Jeff Gomin. GS Environment	254	DIFFUSE POLLUTION EXPOSURE: A 'ONE HEALTH' PERSPECTIVE,	57	OPTIMISING REMEDIAL OUTCOMES – USING NATURAL SOURCE ZONE DEPLETION AND GEOPHYSICAL SURVEYS TO SUPPLEMENT	114	PROFESSIONALS: TIME TO RAISE OUR GAMER, Dr UTS
10.45 - 11.00		LENS, Dr. Rosa Gwinn, AECOM		Gamlin, GSI Environment		Laureate Professor Ravi Naidu, GCER		CONVENTIONAL SAMPLING FOR SITE CLOSE OUT, Mr Andre Smit, Ghd	137	DETERMINING THE COST, TIME AND RISK INCLUD TRANSACTION FOR A CONTAMINATED LAND AS Storan, Construction and Remediation Advisor
	_		-	RAPID AND VIRTUALLY COMPLETE MECHANOCHEMICAL	-		-		-	storan, Construction and Kernediation Advisory
11.00 - 11.15			95	REDUCTIVE DEFLUORINATION OF PER- AND POLYFLUORO ALKYL SUBSTANCES (PFAS) IN CONTAMINATED SOIL USING SODIUM		Soil health or OCP's approach to Fertilizer customization - leonardus Vergutz, OCP Group, Morocco	141	PHYTOREMEDIATION OF TCE BY EUCALYPTUS TREES, Mr Mark	159	DATA VISUALISATION – SHINING A LIGHT ON SU TO OPTIMISE REMEDIATION OPTIONS ASSESSMEN
	62	HOW DOES EU'S POLICY FRAMEWORK TACKLE PREVENTION AND MANAGEMENT OF PFAS POLILITION®, Dr Jussi Reinikoinen, Finnish Environment Institute (Sylxe)		AND AMINES AS CO-MILLING AGENTS: A PROMSING FIRST APPROACH FOR THE DEVELOPMENT OF NOVEL NON- COMBUSTION PFAS REMEDIATION PROCESSES FOR SOLS, Dr. Rahul Singh, Hochrachule Warnar, Warnar, Germany		leonardus vergutz , UCP Group, Morocco		Chapman, Aecom Australia		CDM Smith
11.15 - 11.30		envicennien insinole (syke)	268	NEW TECHNOLOGIES TO DEGRADE PFAS TOWARD SITE		PFAS MASS FLUX – A PLATFORM FOR DEVELOPING REALISTIC REMEDIAL GOALS AND SUSTAINABLE ACTION: MR Rochool	227	INNOVATIVE ENVIRONMENTAL REMEDIATION TECHNOLOGIES INNERTI FOR IMPROVING SOLI HEALTH. Dr. Md Nuruzzarman.	145	APPLICATION OF CLOUD-BASED DIGITAL ENVIR AUDITING TO SUPPORT A LARGE-SCALE REMED
11.15 - 11.30			268	APPLICATIONS, Cheng Fang, Uon	125	REMEDIAL GOALS AND SUSTAINABLE ACTION, Ms Rochoel Cosson, AECOM	227	(INERT) FOR IMPROVING SOLL HEALTH, Dr.Md. Nuruzzaman, GCER, University of Newcastle	165	AND HOW IT COULD BE FURTHER ENHANCED TH GENERATIVE AI, Mr Christian Walls, Cdm Smith
11.30 - 11.45			151	CLOSURE – WHEN IS ENOUGH ENOUGH? AN AUDITOR'S PERSPECTIVE FOR PFAS REMEDIATION, Jonathan	224	BIORATIONAL PEST MANAGEMENT STRATAGIES: A PREVENTION TOOL OF CHEMICAL PESTICIDES HAZARD, Dr. Md Mohbubur Rohmon, Bongabandhu Shekh Mulbur Rohmon, Adricultural	80	EXPLORING THE POTENTIAL: CAN ARSENIC TOLERANT SILICA SOLUBILING BACTERIA REDUCE ARSENIC TOXICITY IN RICE?, Ms Shreya Chakrabarty, Indian Statistical Institute	204	PREDICTION OF SALTWATER INTRUSION USING N SURROGATE MODELLING: CASE STUDY OF TAG
	262	PFAS IN CHINA: OCCURRENCE, RISK, POLICIES AND MANAGEMENT, Fong Wong, Institute of Soil Science, Chinese Academy of Sciences		Medd, CDM Smith		Rohmon, Bangabandhu Sheikh Mujibur Rohmon Agricultural Urivessity (Ismirau)				AQUIFER, VANUATU, Dr Alvin LoI, CICCARE
11.45 - 12.00			134	TREATMENT OF COMPLEX PFAS EFFLUENT (FRANCE&AUS), MI Carole Coudert, Veolia	257	A BRIEF OUTLOOK ON TECHNOSOLS: CURRENT ISSUES & CHALLENGES , Dr Jeyanny Vijayanathan, Forest Research Institute Malaysia	167	INTERACTION OF MCM-41 WITH IMDACLOPRID TO REVEAU ITS MULTIFUNCTIONAL APPLICATION, Mr Saltuliah Omar Nasif, University of Newcastle	200	CHALLENGES IN CONSTRUCTING A RESIDENTIAL ON A LANDFILL – A CASE STUDY, Dr Ian Swane Associates
		ADDRESSING PFAS CONTAMINATION IN INDIA: POLICY		TANTALUM-BASED METAL OXIDES FOR THE PHOTOCATALYTIC		STATE OF THE PRACTICE: CASE STUDIES FOR DISTINGUISHING		AN ADVANCED DECISION SUPPORT TOOL TO FACILITATE PRELIMINARY TECHNICAL AND SUSTAINABILITY EVALUATION OF		LANDFILL GAS MITIGATION TO FACILITATE DEVE
12.00 - 12:15	289	PROGRESS AND PATHWAY FORWARD, Dr Nilin Verma, Chilkara University	17	DEGRADATION OF PFAS, Miss Rachael Matthews, The University Of Adelaide	162	CONTAMINATION FROM BACKGROUND IN SOIL AND GROUNDWATER, Dr Hannah Mikkonen, Cdm Smith	10	PRELIMINARY TECHNICAL AND SUSTAINABILITY EVALUATION OF POTENTIAL REVEOLATION TECHNICICOUES AT A CONTAMINATED STE INVOLVING MULTIPE CONTAMINARIS, M: Louis Chan, The Hong Kong University of Science and Technology	235	PERTH METROPOLITAN AREA, Ms Shandel Coler Environmental Auditors
12.15 - 13.15	Lunch	h and Poster Viewing - Hall L								
CONCURR	ENT SE	ISSION 5								
13.15 - 14.15		Session 5A PFAS Policy		Session 58 PFAS Remediation		Session 5C Diffuse Pollution		Session 5D Mining and ESG		Session 5E Case Study
_		Hall N		City Room 1		City Room 2		City Room 3		City Room 4
13.15 - 13.30									42	UNRAVELUNG CONTAMINANT MIGRATION PAT FORMER CHEMICAL MANUFACTURING FACILITY Holig Eng Pty Ltd
	292	PFAS POLICY UPDATE- UK, Paul Nathanail, Land Quality Management Ltd Nattingham	298	REMOVAL OF PER- AND POLYFLUOROALKYL SUBSTANCES FROM WASTEWATER VIA AEROSOL CAPTURE, Zoom Nguyen, CDM Smith	234	UTIUZING RISK BASED SAMPLING METHODS COUPLED WITH RELD INSTRUMENTS FOR NEAR REAL TIME REMEDIATION, Marvin Heskett, Element Environmental	284	REGENERATIVE REMEDIATION: ESG IN PRACTICE, Fronk Sweet, AECOM	-	
13.30 - 13.45									32	DEMONSTRATION OF LNAPL NATURAL SOURCE TO ACHIEVE SITE CLOSURE – A CASE STUDY FRO WESTERN AUSTRALIA, Dr Daniel Boland, GHD
			-		-		-			
13.45 - 14.00			50	REGENERABLE ION EXCHANGE TREATMENT WITH HYDROTHERMAL ALKALINE TREATMENT (HALT): FULL SPECTRUM PFAS CAPTURE AND DESTRUCTION, Dr David Kempisty, Emerging Contaminants Treatment Technologies	231	A PFAS MASS FLUX STUDY AND ITS USE IN SITE MANAGEMENT, Alice Walker, Ghd	145	MODELING MONITORING AND DETECTING GROUNDWATER FLOW AND CONTAMINANT TRANSPORT AT MINE SITES	187	CELEBRATING THE WORLD'S MOST SUSTAINABLE REWEDY: THE PERMEABLE REACTIVE BARRIER AT Warner, University of Newcastile, Australia / BBJ
	88	UNITED STATE ENVIRONMENTAL PROTECTION AGENCY FINAL PFAS NATIONAL PRIMARY DRINKING WATER REGULATION, Susan Schow, Refired, State of Maine Health Data Organization	_	energing contaminants interment recrimatoges				Binn Dand, James Cook University, Iownsvine, GLD		
14.00-14.15		schow, ketrea, state of Mane Health Data Organization	236	NATURE-INSPIRED INNOVATION: LONG-TERM MANAGEMENT OF BEAS CONTAMINATED WATER USING BLOATING WET MIDS Dr.	203	POLICY CHALLENGES RELATED TO DIFFUSE POLLUTION - CASE	243	ANTIMONY (V) COPRECIPITATION WITH SCHWERTMANNTE IN ACID-SULFATE SYSTEMS., Mohammad Rastegari, Southern Cross	56	A CASE STUDY: INVESTIGATION AND REMEDIATI IMPACTED SOIL AND GROUNDWATER ON A MA HYDROCARBON AND CHEMICAL STORAGE AN TERMINAL IN VICTORIA FOR REDEVELOPMENT A SENSETIVE COMMERCIAL LAND LISE, MIS NING A
				PFAS CONTAMINATED WATER USING FLOATING WEILANDS, Dr John Awod, Csiro		PFAS, Dr Jussi Reinikainen, Finnish Environment Institute (Syke)		University		TERMINAL IN VICTORIA FOR REDEVELOPMENT A SENSETIVE COMMERCIAL LAND USE, Mis Ning A Environmental Auditors
				CAN PREVIOUSLY SEQUESTERED PFAS BE RELEASED IN						ASSESSMENT OF IMPACT LEVELS FOR EFFECTIVE
14.15 - 14.30		PFAS Palicy and Regulation in Australia: managing historical and preventing future contamination through the updated PFAS NEMP and IChEMS,	129	CAN PREVIOUSLY SEQUISTERED PFAS BE RELEASED IN GROUNDWATER AFTER IN-SITU INWOBILISATION®, Dr Anthony Umah, Global Centre for Environmental Remediation, University of Newcastle	249	DILUTION IS THE SOLUTION TO THE POLLUTION (EQUATION), Mr Bryden Tiddy, Tetra Tech Caffey			117	ASSESSMENT OF IMPACT LEVELS FOR EFFECTIVE OF THE OIL-POLLUTED MANGROVE SHORELINE I NIGERIA, PROFESSOR NENIBARINI ZABBEY, Hyd Pollution Remediation Project (hyprep)
		PFAS NEMP and IChEMS, Dr Shaun Thomas, Principal Advisor Wastewater, Compliance and Regulatory Practice Branch PA South Australia	-		-		-			
14.30-14.45		L A 2001 Administra	85	ASSESSMENT OF PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) CONTANNATION IN DRINKING WATER SOURCES IN INDUSTRIAL AREAS (BADDI) OF HIMACHAL PRADESH, INDIA, DY NBI'n Verma, Chilkrog University					п	THE ROLE OF SURFACTANTS (BRU 35 AND TWEEP ELECTROKINETIC REMEDIATION OF POLYCYCLIC HYDROCARBONS FROM A NATURAL SOLL, MS Se Mohammadi, Southern Cross University
14.45 - 15.15	Afterr	100n Tea and Poster Viewing - Hall L								
CONCURR	ENT SE	ISSION 6								
15.15 - 17.00		Session 6A Mining and ESG		Session 68 PFAS Remediation		Session 6C ACLCA Session for Early Career Professionals		Session 6D Recently Emerged and Emerging Contaminants		Session &E Case Study
		Holl N		City Room 1		City Room 2		Cilly Room 3		City Room 4
15.15-15.30	84	CONTAMINATED MINING SITE RISK ASSESSMENT AND BROWNFIELD REUSE IN NORTHERN TAIWAN, W. Yun-Jie Lai, Apollo Technology Co., Ltd.				Introduction and brief about the session - Larksa Wiloughby, Australian Erwironmental Auditors			106	REMEDIATING SUBSURFACE COMBUSTION IN CO SENSITIVE LAND USE SETTING – CASE STUDY, MO (Mert Berberogiu), Wip Australia Phy Ltd
			287	PFAS IN DRINKING WATER: CHALLENGES WITH IMPLEMENTING THE NEW US REGULATIONS, Tomzen Macbeth, CDM Smith			294	LET'S STOP THE WHACK-A-MOLE APPROACH TO EMERGING CONTAMINANTS, Dr Shoily Mahendro, University of California	-	TREATMENT OF SALINE EFFLUENT FROM COAL C
15.30 - 15.45	161	CHEMICAL ANALLYSIS OF RECICLED ROBBER FROM END-OF-LIFE TYRES: IMPLICATIONS FOR CIRCULAR ECONOMY, Dr Dwing Angela Navarro, Csito Erwitenment			30	Sustainable Bioremediation in Remote South Australia, Ms Natalie Newman, EHS Support Pty Ltd.			210	IMPOUNDMENTS: CASE STUDY OF PILOT-SCALE RECOVERY FROM SALINE WATER OF AN ASH IM SOUTH AUSTRALIA, Dr Aharon Arakel, Pact Ren
										TELLUS HOLDINGS, AUSTRALIA'S SAFEST PLACE F
15.45 - 16.00	89	THE PRECAUTIONARY PRINCIPLE - HAS IT HELPED OR HINDERED COMMENICATING AND MANAGING PEAS RISKS?, Mr Andrew Thomas, GHD Pty Ltd	27	MATERIALS AND PROCESSES FOR PHOTOCATALYTIC DESTRUCTION OF PERSISTENT ORGANIC POLLUTANTS, Dr Comeron Shearer, The University of Adelaide		Assessment of hydraulic profiling tool (HPT) results as part of a conceptual site model- Annaleise Murdoch, GHD	214	ADVANCES IN THE IDENTIFICATION OF DIFFERENT TYPES OF ASBESTOS: AN ANALYTICAL APPROACH, Dr Salanand Gopalan, CRC CARE/GCER, The University of New castle	201	PERMANENT ISOLATION OF HAZARDOUS MATER CASE STUDIES ON SOME OF THE SITES TELLUS HA ASSIST WITH CLEANUP AND REMEDIATION OF LE
										ASSIST WITH CLEANUP AND REMEDIATION OF LE STOCKPILES OF HAZARDOUS MATERIALS AND LI Sheldon-Collins, Tellus Holdings
		REGENERATIVE REMEDIATION: GENERATING SUSTAINABLE POST-		TREATMENT OF A 4 MLD LAGOON SYSTEM POTW EFFLUENT TO PFAS		laise with our lease a damager a minimum in the		DISCHARGE OF MICROPLASTICS AND PLASTIC ADDITIVES FROM		DADID ACCECCLICAT AND OF THE TOP
16.00 - 16.15	275	REGENERATIVE REMEDIATION: GENERATING SUSTAINABLE POST- REMEDIATION HUMAN AND ECOLOGICAL VALUE (ROM IMPAIRED PROPERTIES, Poul Steinwede, AECOM	48	PPAS DRINKING WATER STANDARDS USING FOAM FRACTIONATION, Comeron Marshall, Emerging Contaminants Treatment Technologies		Living with our legacy: Advancing sustainable waste management in Victoria - Matthew Barham, CDM Smith	26	DISCHARGE OF MICROPLASTICS AND PLASTIC ADDITIVES FROM MUNCIPAL SOLID WASTE OPEN DUMPS INTO THE ENVIRONMENT, Professor Marthika Vithanage, Ecosphere Restlence Research Center, University of Si Jayewardenepura	250	RAPID ASSESSMENT AND REMEDIATION OF AN A SITE ON TIWI ISLANDS, NT, Mr Liam Spuir, Jacobs
	190	MINECARE: ADVANCED SOFTWARE SOLUTIONS FOR MANAGING CONTAMINATED MINE SITES, Dr Liang Wang, The University Of	-0	FOAM FRACTIONATION COUPLED WITH HYDROTHERMAL ALKALINE TREATMENT FOR REMEDIATION OF A PFAS-IMPACTED RISE TRAINING POND, Charlie Gordon, Emerging Contaminants		From Start to Finish (And a little bit in between) - Monique Hitchens, ADE Consulting Group	36	IMPACTS OF MUNICIPAL SOLID WASTE MANAGEMENT ON LAGOON GARBAGE: A CASE STUDY OF THALE NOI, THAILAND, Peeranat Kiddee, Department of Biological and Environmental Sciences, Faculty of Science and Digital	198	REAL-TIME SOIL ASSESSMENT: REMECAN IN KUW ENVIRONMENTAL REMEDIATION PROGRAM, Dr 1
16.15 - 16.30		Newcostle		Treatment Technologies				Environmental Sciences, Faculty of Science and Digital Innovation, Thakin University		Zitak
16.15 - 16.30				ELECTROCHEMICAL OXIDATION FOR ONSITE PFAS DESTRUCTION,		Soldwork Sundral Childre Strate for 1110-		PFAS IN DUST MEASUREMENT - ENVIRONMENTAL AND OCCUPATIONAL CONSIDERATIONS, TIM Dowle, ADE Consulting		EVOLUTION OF A CSM – WHEN PLUMES COLLID MULTIPLE UNIS OF EVIDENCE TO ASSESS THE INT CHLOBINATED HYDROCARBON AND A PETROLE HYDROCARBON PLUME IN A FRACTURED ROCK Kortlever, Stontec
		ESG-DRIVEN ENVIRONMENTAL RISK ASSESSMENTS: IMPORTANCE				Redwork Surviv al Guide: Strategies for Health and Mental Resilience - Cheri van Rensburg, GHD	40	OCCUPATIONAL CONSIDERATIONS, Tim Dowle, ADE Consulting Group	52	CHLORINATED HYDROCARBON AND A PETROL HYDROCARBON PLUNE IN A FRACTURED ROCK
16.15 - 16.30	253	ESG-DRIVEN ENVIRONMENTAL RISK ASSESSMENTS: IMPORTANCE OF ECOLOGICAL RECEPTORS FOR ACHEVING UNSDGS , Abinandan Sudharsanam, The University of Newcastle	61	Kafe Henderson, Ovivo		Resilience - Chen von Kensburg, GHD				Kornever, Storrec
16.30 - 16.45		OF ECOLOGICAL RECEPTORS FOR ACHIEVING UNSDOS , Abhandan Sudharsanam, The University of Newcastle	61	Katle Henderson, Ovivo				LARORATORY TREATABLIEV STUDY FOR RELEDIATION OF USUA		STARTING AT THE END, ORTHANNED
		OF ECOLOGICAL RECEPTORS FOR ACHIEVING UNSDGS , Abinandan Sudharsanam, The University of Newcastle	61	ELC: IRCOLERICLA CALANDIA FOR CIVILE FYS LEARDLINK, Kole Henderson, Civico REGENERABLE RESN FOR PFAS REMOVIAL - 5 YEARS LATER WHAT WE'VE LEARNED, Dr. David Kompany, Scitz		Reserver - Crise von Heinzog, Creu G&A and Open discussion	69	LABORATORY TREATABILITY STUDY FOR REMEDIATION OF LIGHT NON-AQUEOUS PHASE LIQUID , M Matthew Tendem, Aurecon	158	AGRIEVER, STERREC STARTING AT THE END: OPTIMISING ENHANCED BIORENEDIATION FOR TCE, Mr Abe Wright, CDM

9.15 - 10.0	Plen	come Day 3 ary Session 3: Plastics. Endocrine Disrupting Chemicals and He	aith: Eff	cts on the Neuroendocrine System						
10.00 - 10.3	Mari	na Fernandez, PhD, Associate Researcher, The Instituto de Biol ning lea and Poster Viewing - Hall L	ogía y N	edicina Experimental, Argentina						
_	RENT S	ESSION 7								
10.30 - 12.1	5	Session 7A PFAS Risk and Toxicity		Session 78 PFAS Biosolid		Session 7C Legacy Contaminants		Session 7D Recently Emerged and Emerging Contaminants		Session 7E One Health and Com
		Holl N		City Room 1		City Room 2		Cilly Room 3		City Room 4
10.30 - 10.4	5 194	RISC-BASED BENCHMARKS AND OTHER CONSIDERATIONS FOR ECOLOGICAL RISK ASSESSMENT OF PFAS , Greg Garvey, GSI Environment	290	UNDERSTANDING AND MANAGEMENT OF PER AND POLYRLUORNATED SUBSTANCES (PFAS) IN BIOSOLIDS, Distinguished Professor Andrew Ball, RMIT University	291	HALF A CENTURY OF SLODOOW PROGRESS ON RISK BASED REMEDIATION - LESSONS AND OPPORTUNITIES TO ACCELERATE, Pour Nathanai, Land Quality Management Ltd Nottingham	82	CHARACTERIZATION AND ECOLOGICAL RISK ASSESSMENT OF MCROPLASTICS IN SEDIMENTS OF A TROPICAL WEST ARRICAN LAGOCIN ECOSYSTEM, Professor Lucion Chukwu, University of Lagos, Lagos - Nigeria	240	EFFECTIVE COMMUNICATION OF RISK - TO CC AFFECTED BY SOLL CONTAMINATION, Michoe ANCORED
11.00 - 11.1	5 39	EMERGING CONTAMINANTS IN WASTE INDUSTRY- CHALLENGES AND SOLUTIONS, Gus Martins, HUESKER Australia	120	PFAS IN BIOSCULDS: TRANSFER TO SOLL AND CROPS PRESENTS RSIS TO CONSUMERS OF BEEF AND MIK. Summer Streets.	44	ROZEN IN TIME: DETECTING LEGACY HYDROCARBON CONTAMINATION USING PASSIVE SOIL GAS SAMPLING AT WILKES STATION, EAST ANTARCTICA, Kothryn East, Australian Antarctic Division	79	ADVANCED MATERIALS AND MEMBRANES FOR ENHANCED MCROPLASTIC/NANOPLASTIC AND SYNEROISTIC FOULING RESISTANCE, Dr Masoumeh Zorgor, Edith Cowan University	70	DEVELOPING FRAMEWORKS THAT SUPPORT C INDOOR AIR RSK AND RESPONSE , Mai Konst
11.15 - 11.3	0 136	ADDRESSING PFAS CHALLENGES IN WATER: VECULA RETURN OF EXPERIENCE IN NORTH AMERICA AND AUSTRALIA, IN MOIT EOD Veolo		Minesota Pollution Control Agency	205	ARSENIC OXIDATION AND REMOVAL FROM WATER VIA CORE- SHELL MNO28LAJOHJS NANOCOMPOSITE ADSORPTION, Dr. Yulong Wang, The University Of Newcastle	100	OCCUBRENCE AND DISTRIBUTION OF MCROPLASTIC POLLUTION IN FEATLAND AREAS, Dr. Ngoc Son Hai Nguyen, Indi Nguyen University Of Agriculture And Forecity (tuat), Vietnam	174	THE ART OF COMMUNICATING RISKS TO COM STRATEGIES FOR TECHNICAL PROFESSIONALS GHD Pry Ltd
11.30 - 11.4	5 166	RIBERIGHTING FOAM TRANSITION – ARE WE DONE YETRI STATUS AND STATE OF THE ART, Peter Storich, Arcoids Australia Pacific	283	EXPLORING THE FATE OF PFAS IN BIOSOUDS PYROLYSIS THROUGH PYROCO PILOT PLANT, Aravind Surapaneni, RMT University	266	POTENTIAL OF BUSHFIRES ON THE MINERALOGICAL TRANSFORMATION OF MOST USED ASBESTOS, Grish Choppolo, GCER	101	MACHINE LEARNING APPROACHES FOR PREDICTING MCROPLASTIC POLILITION IN PEATLAND AREAS, Dr. Huu Tuan Tian, Thai Nguyen University Of Agriculture And Forestry (Tuat), Vietnam	297	ASSESSING THE IMPACT OF HEAVY CHEMICA SOIL HEALTH IN CAMEROON, Ndzana Georg University of Dschang
11.45 - 123	0 176	and croCare	107	PFAS IN BIOSOLIDS - IS EVERYONE MEASURING THE SAME THING? INSIGHTS FROM A PROFICIENCY TESTING STUDY, MI	28	TOWARDS A RISK-BASED APPROACH TO THE TRANSPORT OF SOIL CONTAINING ASBESTOS, Simon Mason, Agon Environmental	124	CARBANAZEPINE AND ELEMENTAL CONCENTRATON IN EFFLUENT WATER OF WASTEWATER TREATMENT PLANTS THAT FITS IN RECENT EMERGED AND EMERCING CONTAINMANT (DRUGS), Kernath Selwan, Department Of Marine And Environmental Sciences	296	HEAVY METAL IN INDONESIAN PADDY SOLIS: IMPUCATION TO ONE HEALTH, Yhj Sulaeman Research and Innovation Agency
12.00 - 12.1	5 131	KEY FFAS LAND USES IN THE YANGTZE RIVER DELTA OF CHINA: IMPLICATIONS FOR ENVIRONMENTAL MANAGEMENT PRIORITES Dr. Yuunyuan Cheng, Suzhou University of Science and Technology		Luminita Antin, National Measurement Institute	192	BICACCESSIBILITY AND HEALTH RSK ASSESSMENT OF ARSENIC IN CHLOREN'S DIETS FROM ARSENIC ENDEMIC AREA IN BANGLADESH, A/prof Mohammad Mahmudur Rahman, The University of Newcostle	168	DISTRIBUTION AND RISK ASSESSMENT OF MICROPLASTICS IN AGRICULTURAL SOLIS, MK Karthika Sangilidurai, Tamil Nadu Agricultural University	256	EFFECTIVE RISK COMUNICATION: WHAT DOES Hughes, Ecology Data Bank Services
12.15 - 13.0	5 Lund	ch and Poster Viewing - Hall L								
CONCU	RENTS	ESSION 8								
13.05 - 14.5	0	Session 8A PFAS Risk and Toxicity		Session 88 Waste and Circular Economy				Session 8D Recently Emerged and Emerging		Session 8E Risk Characterisation i
						Session 8C Legacy Contaminants		Contaminants		Availability
		Hall N		City Room 1		Session 8C Legacy Contaminants City Room 2		Contaminants City Room 3		Availability City Room 4
13.05 - 13.3	258	Hall N USE OF RISE-BASED SAMPLING METHODS AND "TOTAL PFAS RIS TO EXPERIE ASSESSMENT AND REMEDIATION OF PFAS- COMMANNAED SITES, Rogar Brown, Howald Deportment Of Hadth	277	City Boom 1 WHAT'S UBQUTOUS AND OPAQUER A DSCUSSION OF CRECLAR ECONOMY, BG AND WASE, Note Smith, Tellus Holding Group	175	Session BC Legacy Contaminants City Isom 2 MMAAGING PERSITIANT GRANIC POLILIANTS (POPS): LEGACY POPS, INERCING OFENCAS, PASICS, AND POLISHOLD DBTP DOEN, P.M. Mig Hung Wing, The Elecation University of Hang Kong.	247	Conforminents Cry Isom 3 UVING WITH CHEMICALS: UNDERSTANDING THE SOURCES AND REX FROM CONTAMINANTS IN HOMES AND GARDENS, Kato Bry, Environment Protection Authority Victoria	119	Availability City Room 4
_	5	TO EXPEDITE ASSESSMENT AND REMEDIATION OF PFAS- CONTAMINATED SITES, Roger Brewer, Hawai Department Of	299	WHAT'S LIBIQUITOUS AND OPAQUE? A DISCUSSION OF CIRCULAR ECONOMY, ESG AND WASTE, Note Smith, Tellus	175	City Isoom 2 City Isoom 2 MANAGING PERSISTENT ORGANIC POLILITANTS (POPS): LEGACY POPS, DERIGING OFFICIALS, RASTIS, AND HOUSEHOLD DIRY DOLEN. Prof Mino Huna Wans, The Education University of	247	Contominants City isom 3 Living with CHEMICALS: UNDERSTANDING THE SOURCES AND RSC FROM CONTAMINANTS IN HOMES AND GARDENS, Kolo Fry	119	Availability City Room 4 MINNESOTA'S APPROACH TO DERIVATION OF FOR THE PROTECTION OF HUMAN HEALTH, SU
13.20-13.5	258 5 0 276	TO DEPOTIE ASSISTENT AND REXEDUCTION OF FRA- CONTAMENATED SITES, Roger Brewer, Harwait Deportment Of Health ADDRESSING KEY LINCERTAINES IN RIX ASSESSMENT THROUG HIE LARST SAMELING AND ANALYTICAL METHODS FOR CONCIDENT EMPARTURE AND ANALYTICAL METHODS FOR CONCIDENT EMPARTURE AND ANALYTICAL METHODS FOR	299	WHAT'S IBRUITUIS AND OPAQUET A EDECUSION OF CREALAR ECONOMY, EIG AND WASE, hole some, Tellus Raising Group Establishing baseline CONTAINNATION OF MICROPASTICS IN	175 175 175	Cry teom 2 MANAGERO FERSEINE CREANE: POLILIANE PORTS LEAKY PORS LERGING CREANEL PARTS. AND HOUSENCE THE DRIVE THAT AND AND AND AND AND AND AND AND REAL THAT AND		Contominants Cry times 3 Inning With of black subdetshall be sources and set From Contained to Hinde Shall be sources and performed Protection Authority Victors PETRACTION OF CONTROL AND Authoritiem Performance		Availability City barn 4 City barn 4 Availability City barn 4 Availability Availability City barn 4 Availability Availability Control Agency Availability Availability Control Agency Availability Avail
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POSTER PRESENTATIONS

7	P1	ECO-TECHNOLOGICAL APPROACHES BY FREE-FLOATING PLANTS AND MICROBIAL ELECTROCHEMICAL PROCESSES FOR THE SUSTAINABLE BIOREMOVAL OF POLLUTANTS AND RECOVERY OF NUTRIENTS FROM WASTEWATER, Dr. Usharani Rathinam Krishnaswamy, Department of Civil & Environmental Engineering, UNESP, Sao Paulo State University, Bauru, SP, Brazil
12	P2	EXPLORING THE ECOLOGICAL RISK FOR METAL CONTAMINATION IN SEDIMENTS THROUGH THE APPLICATION OF DGT TECHNIQUE, Ms. Liang-Li Chang, Apollo Technology Co., Ltd.
19	P3	HUNTING THE SOURCE, Brad Dermody, Aurora Environmental
23	P4	INVESTIGATION OF MOBILE, RESIDUAL, AND ENTRAPPED LNAPL USING LASER-INDUCED FLUORESCENCE AS A LINE OF EVIDENCE, Dr Jonás García-Rincón, Legion Drilling
35	P5	OBSERVATIONS ON THE ROAD TO ENHANCING NSZD AT A PETROLEUM PIPELINE RELEASE SITE, Matt Rousseau, GHD
37	P6	DEGRADATION OF PER- AND POLYFLUOROALKYL SUBSTANCE (PFAS) IN AQUEOUS FILM FORMING FOAM (AFFF) AND FOAM FRACTIONATE BY ULTRASOUND., Mr Olalekan Simon Awoyemi, Gcer, University Of Newcastle
38	P7	ULTRASONIC DEFLUORINATION OF PFAS: EFFICIENCY VERSUS ABSOLUTE AMOUNT, Mr Olalekan Simon Awoyemi, Gcer, University Of Newcastle
43	P8	PFAS ANALYSIS ON THE SCIEX 7500 SYSTEM: 15 MONTHS OF ROBUSTNESS DATA, Dr Charlie Liu, SCIEX
45	P9	PEOPLE AND PFAS: QUANTITATION IN HUMAN SERUM AND BLOOD USING VOLUMETRIC ABSORPTIVE MICROSAMPLING (VAMS), Dr Charlie Liu, SCIEX
51	P10	LEAD ABATEMENT AND ISOLATION IN VULERABLE COMMUNITIES, Dr Henry Ellis, Enviropacific
54	P11	DETERMINING THE SOURCE OF ODOUR FROM A STORMWATER DISCHARGE USING MULTIPLE LINES OF EVIDENCE APPROACH, Mr. Roderick Zhang, WSP Australia
72	P12	MANAGING THE RISK OF SAMPLING PFAS AT A CHLORINATED HYDROCARBON SITE, Sid Park, Jacobs
74	P13	SC-PFAS REMOVAL BY CATIONIC FUNCTIONALISED FLAX, Miss Shailja Data, University of Auckland
75	P14	REINFORCING THE NEED FOR A MIXED-GAS APPROACH TO OPTIMISE PFAS REMOVAL EFFICIENCY IN FOAM FRACTIONATION, Mr Justin Baulch, Evocra Pty Ltd
93	P15	MAKE YOUR OWN SUSTAINABLE AND GREEN LAB GRADE NITROGEN GAS, Dr Nicole Pendini, Peak Scientific
102	P16	FARMERS' PERCEPTION REGARDING GREENHOUSE GAS EMISSIONS FROM RICE CULTIVATION IN BANGLADESH AND MITIGATION POTENTIAL, Mr Md Maruf BILLAH, Global Centre For Environmental Remediation
105	P17	STABILIZATION AND REDUCTION OF THE SHORT- AND LONG-CHAIN PER- AND POLY-FLUOROALKYL SUBSTANCES IN CONTAMINATED SOIL, Dr Rahim Shahrokhi, Seoul National University
103	P18	SOIL VAPOUR CONCENTRATION PROFILING TO IDENTIFY CONTAMINANT SOURCE ZONES USING THE NEW HEADSPACE-IN-VIAL SAMPLING & ANALYSIS METHOD, Mr Adrian Heggie, WSP Australia
115	P19	"FOREVER EVOLVING" FOR "FOREVER CHEMICALS" NMI PFAS PROFICIENCY TESTING, Mark Lewin, National Measurement Institute
122	P20	THE MACHANOCHEMICAL EFFECT OF BALL MILLING ON VARIOUS HALLOYSITE NANOTUBES AND THEIR CARBON CAPTURE PERFORMANCE, Mr Siavash Davoodi, University Of Newcastle
123	P21	COAL AND COAL COMBUSTION BYPRODUCTS AND ENVIRONMENTAL ISSUES THAT FITS IN IN LEGACY CONTAMINANTS (TOXIC METALS), Kenneth Sajwan, Department Of Marine And Environmental Sciences
128	P22	A NEW CLIMATE-CHANGE CONCERN: GROUNDWATER RISE AND GEOCHEMICAL AFFECTS FROM AN INCREASING SEA LEVEL AND INFLUENCE ON CONTAMINANT CONDITIONS, Scott Warner, University of Newcastle, Australia / BBJ Group USA
130	P23	CONTROLLED RELEASE NITROGENOUS FERTILIZER TO ENHANCE NUTRIENT USE EFFICIENCY, Anjuman Ara Rajonee, University of Newcastle
133	P24	VEOLIA LANDFILL LEACHATE PFAS TREATMENT JOURNEY, Don Kuai, Veolia
139	P25	ROTUMA FUEL TERMINAL DEMOLITION - CHALLENGES IN REMOTE SITE REMEDIATION, Mr Isaac Segal, Kleinfelder
144	P26	HYDROCARBON RISK TO REMEDIATION – A PROPOSED BASEMENT DEVELOPMENT CASE STUDY, Kathleen Prohasky, ERM Australia Pty Ltd
146	P27	DEVELOPMENT OF AN ON-SITE THRESHOLD DETECTION TOOL FOR HYDROCARBON CONTAMINATION IN SOILS, Ms. Deeksha Beniwal, Ziltek
147	P28	ARSENIC CONTAMINATION IN A CREEK ADJACENT TO A FORMER GOLD MINING: PHU LEK, LOEI PROVINCE THAILAND, Assoc. Prof. Netnapid Tantemsapya, Suranaree University Of Technology

148	P29	PFAS IN THE VADOSE ZONE – A CONCEPTUAL MODEL: PART 1 KEY PROCESSES THAT REQUIRE CONSIDERATION, Dr. Peter Beck, Ghd Pty. Ltd.
150	P30	PFAS IN THE VADOSE ZONE – A CONCEPTUAL MODEL: PART 2 APPPICATION TO AUSTRALIAN SOILS, Dr. Peter Beck, Ghd Pty. Ltd.
154	P31	CARBON STOCK STATUS AND ITS ECOSYSTEM SERVICES VALUATION OF SOIL UNDER MAIZE - WHEAT - MUNG BEAN CROPPING SYSTEM OF LONG-TERM CONSERVATION AGRICULTURE FIELDS, Dr. GK Dinesh, SRM College of Agricultural Sciences
156	P32	UNLOCKING THE POTENTIAL OF VERMICOMPOST: ENHANCING SOIL HEALTH AND MITIGATING POLLUTION, Ms. Monika Mahajan, Banaras Hindu University
157	P33	UNDERSTANDING THE SOURCES, TOXICITY, RISK ASSESSMENTS AND REMEDIATION OF MERCURY - CONTAMINATED SOILS – A LOOK AT THE CURRENT APPROACHES., MS Sofia B Shah, USP
171	P34	FROM CONVENIENCE TO CONCERN: MICROPLASTIC SHEDDING BETWEEN BOTTLES AND CAPS IN CONSUMER PRODUCTS, Mr Siyuan Liu, University of Newcastle
172	P35	ZEOLITE SYNTHESIS FROM COAL FLY ASH FOR CO2 CAPTURE AND UTILISATION, Dr Md Rashidul Islam, The University of Newcastle
178	P36	PFAS CONTAMINATION IN POULTRY FARMS, Roheela Yasmeen, Lahore Garrison University
179	P37	EFFECT OF SILICON NANOPARTICLES ON CADMIUM TRANSLOCATION AND YIELD OF RICE UNDER CADMIUM STRESS, Md Tofail Hosain, Global Centre For Environmental Remediation (gcer), The University Of Newcastle, Callaghan, Nsw 2308, Australia
181	P38	VARIETAL DIFFERENCE IN GRAIN TOTAL AND SPECIATED ARSENIC CONCENTRATIONS OF IRRIGATED RICE IN BANGLADESH, Mr Md Imran Ullah Sarkar, The University Of Newcastle
183	P39	UNDERSTANDING THE USE, OCCURRENCE, AND POTENTIAL RISKS OF JET FUEL ADDITIVES, Dr Chamila Samarasinghe, Global Centre for Environmental Remediation
185	P40	ANALYSIS OF JET FUEL ADDITIVES AND THEIR METABOLITES IN JET FUEL, GROUNDWATER AND SOIL BY GAS AND LIQUID CHROMATOGRAPHY – MASS SPECTROMETRY, Doctor Francisca Munyeza, University Of Newcastle
191	P41	CHARACTERISTICS AND INFLUENCING FACTORS OF ORGANIC CARBON CONTENT IN PURPLE SOIL CULTIVATED LAND IN SICHUAN BASIN. CHINA, Jingling Xue, University Of Newcastle
195	P42	ECO-FRIENDLY AND ECONOMICALLY AFFORDABLE NANOENCAPSULATED PESTICIDE FORMULATION: A FRONTIER IN NEXT GENERATION AGRICULTURE, Dr Santosh Kumar Paul, The University of Newcastle, Australia
196	P43	ADVANCING PFAS SEPARATION FROM SOLUTION USING HIGH SHEAR MIXTURES, Dr Shervin Kabiri, University Of Adelaide
207	P44	ADDRESSING FOOD SAFETY IN URBAN AGRICULTURE, Dr Md Meftaul Islam, The University Of Newcastle
208	P45	DEGRADATION OF HERBICIDES IN VARIED AUSTRALIAN SOILS: POSSIBLE IMPACTS ON NON-TARGET BIOTA, Aney Parven, The University Of Newcastle
209	P46	HEAVY METAL CONTENT IN WATER, SOIL AND PLANT ADJACENT TO TEXTILE INDUSTRY, Ms Kamrun Nahar Mousomi, GCER, University of Newcastle, Australia
211	P47	ARE BIOPESTICIDES EFFECTIVE AGAINST BRINJAL PEST?, Fatima Farhana, GCER, University of Newcastle
212	P48	THE BIOAVAILABILITY REDUCTION OF COPPER IN BIOSOLIDS BLENDED WITH BENTONITE IN AGRICULTURAL UTILIZATION, Associate Professor Dr. Thammared Chuasavathi, Khon Kaen University
215	P49	REMEDIATION OF HYDROPHOBIC SOILS USING MICROBIAL TREATMENT IN CONJUNCTION WITH BIOCHAR AND CLAY, Mrs. Naveeda majid, University of Newcastle
219	P50	SPATIAL VARIATION OF HEAVY METAL(LOID)S IN PADDY SOIL OF CKDU ENDEMIC AREA , Dr Mudalige Kulathunga, Department Of Agriculture
222	P51	CARBAMAZEPINE TOXICITY IN LEMNA SP., Mrs Andrea Carpio, University Of Newcastle
223	P52	INFLUENCE OF POLYETHYLENE AND POLYVINYL CHLORIDE MICROPLASTICS ON SEED GERMINATION OF BARLEY AND MUNG BEAN, Ms Tapati Roy, GCER, The University Of Newcastle, Callaghan, 2308, Australia
228	P53	THE ROLE OF GEOCHEMISTRY AS A FUNCTION OF ALLUVIAL FAN AGING IN ORGANIC CARBON STABILISATION, Dr Amir Mohseni, University of Newcastle

229	P54	MINING IN THE UNITED STATES, Professor And Director Kenneth Sajwan, Savannah State University
232	P55	QUANTIFYING GROUNDWATER PROCESSES ALONG THE MURRAY VALLEY BY INTERPRETING TIME SERIES DATA USING IMPULSE RESPONSE FUNCTIONS, Dr Mark Hocking, Tetra Tech Coffey
242	P56	TRANSFORMATION OF PFAS-PRECURSORS BY CO-METABOLIC BACTERIA CULTURES RELEVANT TO AQUEOUS FILM FORMING FOAM (AFFF) SITES, Jessica LaFond, Texas Tech University
251	P57	ADSORPTION BEHAVIOR OF GLYPHOSATE TO SURFACE MODIFIED MONTMORILLONITE NANOCLAYS, Mr Saifullah Omar Nasif, University of Newcastle
263	P58	SANDBAR CROPPING SYSTEMS: AN INNOVATIVE ORGANIC APPROACH TO SUPPORT LIVELIHOOD OF THE CLIMATE VULNERABLE PEOPLE IN BANGLADESH, Dr. Mohammed Sarker, Bangladesh Agricultural University
265	P59	NEW SOLUTION FOR TCE GROUNDWATER CONTAMINATION: THE PROMISE OF "NANO-MATCARETM PLUS", Dr Mezbaul Bahar, University Of Newcastle
270	P60	USING A NUCLEAR ANALYSIS TECHNIQUE TO RAPIDLY SCREEN FOR PFAS IN FIBRE-BASED FOOD PACKAGING, Dr Armand Atanacio, Australian Nuclear Science and Technology Organisation
271	P61	PERFORMANCE EVALUATION OF PILOT-SCALE TRIAL OF PFAS REMEDIATION USING A SUBSURFACE HORIZONTAL REACTOR WITH MATCARE™ TECHNOLOGY , Mr Danidu Kudagamage, University Of Newcastle
272	P62	DAPHNIDS AS A SURROGATE FOR ASSESSING THE TOXICITY OF WEATHERED HYDROCARBONS. , Dr Anithadevi Kenday Sivaram, The University of Newcastle
274	P63	CHALLENGES OF GREEN REMEDIATION: AN AFRICAN PERSPECTIVE, Dr Beatrice Otunola, University Of The Witwatersrand
278	P64	NOVEL ENHANCED DEFLUORINATION OF PFAS BY BIOCHAR-ASSISTED ULTRASOUND COUPLING FERRATE: PERFORMANCE AND MECHANISM, Dr Yongjia Lei, Sichuan Agricultural University
280	P65	FATE AND BEHAVIOUR OF JET FUEL ADDITIVES IN SOIL, Dr Chamila Samarasinghe, Global Centre for Environmental Remediation
282	P66	THERMAL DESORPTION OF PFAS-CONTAINING SOIL: IN SITU & EX SITU , Gorm Heron, TRS Group
285	P67	TOWARDS AN APPROPRIATE LEGAL FRAMEWORK FOR GREEN AND SUSTAINABLE REMEDIATION IN THE NIGER DELTA REGION OF NIGERIA: LESSONS FROM AUSTRALIA, Dr Izuoma Egeruoh-Adindu, Nigerian Institute Of Advanced Legal Studies Abuja/lagos Nigeria
286	P68	ADVANCED PREDICTION AND DETECTION OF PFAS IN GROUNDWATER: A COMPARATIVE STUDY USING ECNN AND ERNN TECHNIQUES, Mr Asadi Srinivasulu, Indian Institute Of Information Technology
142	P69	UNVEILING THE PAST THROUGH HISTORICAL BUSINESS DIRECTORIES, Mr Howard Waldron, Lotsearch Pty Ltd
78	P70	THE USE OF DECISION UNIT MULTI-INCREMENT SAMPLING (DUMIS) AT A PAHS-CONTAMINATED SITE IN CHINA, Jing Song, Institute Of Soil Science, Chinese Academy Of Sciences
68	P71	**WITHDRAWN** SOLID ORGANIC ACID DELIMING TO REDUCE NITROGENOUS COMPOUND IN TANNERY WASTEWATER, Dr. Md. Abul Hashem, Khulna University of Engineering & Technology
186	P72	LOW COST MACHANOCHEMICAL SYNTHESIS OF ORGANOCLAYS FOR REMEDIATING PFOS AND METAL CO-POLLUTANTS, Dr Bhabananda Biswas, University Of Newcastle
303	P73	TRANSFORMATION AND FATE AND BEHAVIOUR OF ZINC OXIDE NANOPARTICLES RELEASED FROM PERSONAL CARE PRODUCTS TO ENVIRONMENTAL WATERS, Anwar Khan, Global Centre for Environmental Remediation (GCER)
126	P74	MICROPLASTIC REMOVAL USING BIOCHAR DERIVED FROM LOW-COST AGRICULTURAL RESIDUES , Mr Aderemi Adeleye, University Of Newcastle
305		BIO-REACTIVE MATERIAL-SUPPORTED DELIVERY OF PHOSPHATE SOLUBILISING BACTERIA FOR SUSTAINABLE BIOFERTILIZERS, Rafique Uddin, Global Center
	P75	for Environmental Remediation (GCER)