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378	Rehabilitation of Former Tailings Ponds: On-Site Testing of Vegetated Covers. Implementing Sustainable Management of Contaminated Soils.	Camila DIAZ VANEGAS ¹ , Aude DELAHAYE ¹ , Nicolas AMPEN ¹	¹ RAMBOLL FRANCE, 155 rue Louis de Broglie 13100 Aix-en-Provence
388	Innovative Applications of Waste-Derived Biochars: Case Studies in Water Treatment and Agriculture	Anna Bogush ¹ , Ondrej Masek ² , Jhonny Quispe ¹ , Wolfram Buss ² , Konstantin Ignatyev ³ , Luiza Campos ⁴	¹ Centre for Agroecology, Water and Resilience, Coventry University, UK, ² School of GeoSciences, University of Edinburgh, UK, ³ Diamond Light Source, UK, ⁴ Department of Civil, Environmental and Geomatic Engineering, University College London, London, UK
391	Enhanced degradation of 1,4-dithiane and 1,4-thioxane related to the chemical weapons abandoned by Japan in China with persulfate system activated by Vs-riched-FeSx/BC: Efficiency and mechanism	Yong-bing Zhu ¹ , Peng-fei Guo ¹ , San-ping Zhao ¹ , Shang-yi Li ² , Ting-ting Zhang ²	¹ State Key Laboratory of NBC Protection for Civilian, ² Department of Environmental Science and Engineering, Beijing University of Chemical Technology
395	How limit values translate into health? A sneak peek into the doctor's office	Paula Hammer ¹ , Nina Tuxen ²	¹ Dept. of Occupational and Environmental Medicine, Poison Information Center, Bispebjerg University Hospital, Copenhagen, Denmark, ² Capital Region of Denmark
402	LIFE CAPTURE: Combining novel analytical protocols with effective technologies for sustainable PFAS remediation	Jan De Vos ¹ , Axelle Mineur ¹ , Silvia Franz ² , Valeria Mezzanotte ³ , Paolo Ronco ⁴	¹ ABO Group, ² Politecnico di Milano, Dept. of Chemistry, Materials and Chemical Engineering, ³ Università di Milano Bicocca, Dept. Of Earth and Environmental Sciences, ⁴ Centro RIVE – VIACQUA spa
403	Competitive adsorption model for optimized design of water treatment systems in the presence of complex mixtures of organic pollutants	Carlo Bianco ¹ , Leonardo Magherini ¹ , Marios A. Ioannidis ² , Rajandrea Sethi ¹	¹ Department of Environment, Land and Infrastructure Engineering (DIAT), Politecnico di Torino, ² Department of Chemical Engineering, University of Waterloo
405	From screening to selection of methods for the remediation program for a mega plume	Britt Boye Thrane ¹ , Morten Birch Larsen ¹ , Dorte Harrekilde ¹ , Cecilie Fisker Ottosen ² , Grégory Lemaire ² , Poul L Bjerg ² , Mette M Broholm ² , Jørn K. Pedersen ³ , Lone Dissing ³	¹ Ramboll, ² DTU Sustain, ³ Region of Southern Jutland
407	Efficiency of nitrogen transformation under various operating conditions in soil aquifer treatment	Paola Sepúlveda-Ruiz ¹ , Marta Casado ² , Lurdes Martínez-Landa ³ , Montserrat Folch ¹ , Benjamin Piña ² , Jesús Carrera ⁴ , Cristina Valhondo ⁴	¹ Biology, Sanitation and Environmental Department, University of Barcelona, Av. Joan XXIII, 08028 Barcelona, Spain, ² Institute of Environmental Assessment and Water Research, IDAEA-CSIC, Barcelona, Catalunya 08034, Spain, ³ Dept. of Civil and Environmental Engineering, Universitat Politècnica de Catalunya, Barcelona, Spain, ⁴ Institute of Environmental Assessment and Water Research, IDAEA-CSIC, Barcelona, Catalunya 08034, Spain, Associated Unit: Hydrogeology Group (UPC-CSIC), Spain
408	Removal of Iron in Nitrobenzene Contaminated Groundwater using Advanced Chemical Oxidation Process with UV-Activated Persulfate	Bastian Saputra ¹ , Cecilia MacLeod ¹ , David Holmes ²	¹ Thrive Science Ltd., ² Geosyntec Consultants
409	A Sustainable Approach for the in-situ Treatment of Deep CHC Contaminants Underlying a Manufacturing site in Germany using ZVI and Bio-augmentation	GORDON BURES ¹ , LARS ERPEL ¹ , JOACHIM FELDGE ² , WALTER LENZ ² , MIKE MUELLER ³	¹ SENSATEC GmbH, ² HG Büro für Hydrogeologie & Umwelt GmbH, ³ EVONIK OPERATIONS GmbH
416	Approach to non-regulated pesticides - developing an action framework for soil investigation	Daniël Rits ¹ , Bjent van der Enden ¹ , Bert Baan ² , Willem Hendriks ¹	¹ Witteveen+Bos, ² TTE
422	Climate change effects on Cr(VI) pathways in the groundwater of Ljubljansko polje (Ljubljana, Slovenia)	Janja Svetina ¹ , Joerg Prestor ¹ , Simona Pestotnik ¹ , Ranko Biondić ² , Sandra Vasin ³ , Grzegorz Gzy ⁴	¹ Geological Survey of Slovenia, ² Faculty of Geotechnical Engineering, University of Zagreb, ³ State Capital of Stuttgart, ⁴ Central Mining Institute
423	A modelling tool to assess management alternatives of contaminated sediment basin including potential impacts and co-benefits of floating solar panels	Francois Clayer ¹ , Marianne Sekkenes ¹ , Nicolas Estoppey ² , Marion Børresen ² , Sissel Renneklev ¹ , Thea Christiansen ² , Arne Pettersen ² , Märtinš Pričins ³ , Ivo Koliņš ³ , Espen Eek ²	¹ Norwegian Institute for Water Research (NIVA), ² Norwegian geotechnical institute (NGI), ³ Liepāja Special Economic Zone Authority (LSEZ)
427	PFAS Forensics: Distribution of PFAS in tree rings at an AFFF contaminated site	Charles Pijls ¹ , Amy Veenendaal ¹ , Adrie Luykx ² , Aiko Hensums ³	¹ TAUW, ² Province Gelderland, ³ Municipality Doetinchem
431	A framework for community engagement and the management of air quality and odours during regeneration of industrial land	Matthew Pannett ¹	¹ Ramboll UK Limited
433	Waste2bio, an ecosystem of Belgian stakeholders for the economic and environmental redevelopment of brownfields and polluted sites	Marc Hanikenne ¹ , Cécile Nouet ¹ , Pierre Lejeune ¹ , Pierre Tocquin ¹	¹ Université de Liège
437	Applying Indexing for Evaluation of Existing Pump-and-Treat Plants with Regards to Operational Resources and Multiple Contaminants	Krzysztof Kowalski ¹	¹ Capital Region of Denmark
438	Revalorizing Contaminated Lands through phytomanagement and High-Value Bio-Based Material Production: A Field Case Study in Sclessin, Wallonia, within the IASIS Project	Enrica May Hedgecock ¹ , Quentin Douhard ¹ , Pierre Lejeune ¹ , Efthymia Alexopoulou ² , Stéphane Pfendler ³ , Michel Chalot ³ , Cécile Nouet ¹ , Marc Hanikenne ¹	¹ Université de Liège, ² IASIS Consortium, ³ Université Bourgogne Franche-Comté
442	SAFE project : an innovative approach for Waste Management Freshwater Aquaculture Waste	Christelle VREULS ¹ , Stéphane Drot ² , Soukaina HILAL ² , Emilie Stierling ² , Mahmoud HAMZAOU ²	¹ Celabor, ² celabor

445	Innovative groundwater remediation for PFAS contamination in Doetinchem	Dennis Scheper ¹ , Lukas Scholz ² , Albert Smits ¹	¹ NTP
447	Examples of how local Policy Implementation can be completely different by region in two countries (Belgium and PRC (China))	Steve LEROI ¹	¹ Optimum Momentum BV
449	CO2POL – Carbon footprint of depollution projects and remediation sites – Design of a nationally shared methodology for emission calculations and provision of key figures	Sébastien Kaskassian ¹ , Baptiste Fillebeen ¹ , Niama El Kari ¹ , Christophe Chene ² , Louise Dessertine ² , Clotilde Johansson ²	¹ TAUW France, ² ORTEC SOLEO
450	High resolution/remediation design characterization allows sustainable optimization of residential redevelopment project	Gabriele Giorgio Ceriani ¹	¹ Ejlskov A/S
453	Geospatial Analysis for Monitoring and Assessing Oil Spills in Nigeria	Nguamo Jessica Angula ¹ , Christine Switzer ¹	¹ Department of Civil and Environmental Engineering, University of Strathclyde
454	Assessment of Colloidal Gas Aprons and Foam for Remediation of LNAPL-Contaminated Soils	Ali Sipullayev ¹ , Adil Baigadilov ² , Maxime Cochenne ² , Stéfan Colombano ² , Yerlan Amanbek ¹ , Yanwei Wang ¹ , Sagyn Omirbekov ¹	¹ National Laboratory Astana - Nazarbayev University, ² BRGM (French geological survey)
460	Novel sorbents for remediation of crude oil and refined product spills in aquatic systems	Alamin Khamis Lamido ¹ , Christine Switzer ¹	¹ University of Strathclyde
461	Deep LNAPL in-situ biological remediation keeps large active service station in business	Gabriele Giorgio Ceriani ¹ , Duane Guilfoi ²	¹ Ejlskov A/S, ² AST Environmental Inc.
462	In-situ PFAS Stabilization by Injection of Organo-Clay (InSuFix Project)	Hans Baillieul ¹ , Jeroen Vandenbruwane ² , Ilse Van Keer ³ , Ward Swinnen ³ , Nick Pays ⁴ , Lise Destombes ⁴ , Nicolas Soenens ⁵ , Marian Joris ⁶	¹ Sodecon, ² Injectis, ³ VITO, ⁴ Port of Antwerp-Bruges, ⁵ Brussels Airport Company, ⁶ i-Flux
464	Application of biosorption technology for PFAS removal in water	Marta Senofonte ¹ , Giulia Senofonte ¹ , Stefano Parisi ¹ , Laura Lorini ¹ , Carmela Riccardi ¹ , Marco Petrangeli Papini ¹	¹ "La Sapienza" University
467	Assessment of soil toxicity of polycyclic aromatic hydrocarbons under biochar treatment using passive sampling and biota characterization	Maria Florberger ¹ , Ingrid Rijk ² , Dimin Fan ³ , Brent Pautler ⁴ , Phil Dennis ⁴ , Sandra Dworatzek ⁴ , Sigrun Dahlin Dahlin ⁴ , Anja Enell ⁶ , Alf Ekblad ² , Susanne Karlsson ⁷ , Dan Berggren Kleja ⁸ , Anna Kärman ² , Maria Larsson ² , Viktor Sjöberg ² , Matilda Wiberg ⁹	¹ Geosyntec Consultants, ² Örebro University, ³ Geosyntec Consultants, ⁴ SiREM, ⁵ Agricultural University of Sweden, ⁶ Swedish Geotechnical Institute, ⁷ Structor Miljö Öst AB, ⁸ Agricultural University of Sweden (SLU)/Sweden, Swedish Geotechnical Institute, ⁹ Structor Miljöteknik AB
469	LIFE NARMENA: Nature based remediation techniques for heavy metals in sediment – results of a constructed wetland in the Winterbeek site	Axelle Mineur ¹ , Jan De Vos ¹ , Froukje Kuijk ² , Karel Viaene ³	¹ ABO consultancy, ² OVAM, ³ ARCHE
475	Functional diagnostic of industrial soils: from the selection of indicators to their applications in situ	Caroline Dalquier ¹ , Virginie Derycke ² , Jennifer Harris ² , Laure Santoni ³ , Pascaline Herbelin ³ , Geoffroy Séré ¹	¹ Université de Lorraine, Laboratoire Sols et Environnement, 54505 Vandœuvre-lès-Nancy, France, ² Bureau de Recherches Géologiques et Minières, F-45100 Orléans, France, ³ EDF R&D LNHE, F-78401 Chatou cedex, France
476	Nature-based solutions as catalysts for soil-inclusive planning: Developing long-term regional strategies for European SPADES pilots	Natalia Rudik ¹	¹ Deltares
477	Methods for Combining In Situ Chemical Oxidation and Bioremediation	Brant Smith ¹ , Josephine Molin ¹ , Mike Mueller ² , Alberto Leombruni ²	¹ Evonik Corporation, ² Evonik GmbH
478	Coupling of 1,4-dioxane metabolism and co-metabolism with biodegradation of monoaromatic and heterocyclic hydrocarbon contaminants in groundwater	Alfredo Perez-de-Mora ¹ , Ludwig Immler ¹ , Jennifer Webb ² , Rachel Hallman ² , Sandra Dworatzek ²	¹ TAUW GmbH, ² SiREM Lab
479	Optimization of Colloidal Biochar Suspensions for Groundwater Remediation: A Laboratory Study on In-Situ Adsorption of Chlorinated Solvents and Petroleum Hydrocarbons	Damiano Feriand ¹ , Sara Cerra ¹ , Ilaria Fratoddi ¹ , Marco Petrangeli Papini ¹	¹ La Sapienza University of Rome
483	Comprehensive site investigation as framework for remedial action planning	Michela De Camillis ¹	¹ Ramboll
485	Combining Carbon Farming & Innovative Phytomanagement Approaches for Brownfield Valorization: the Walloon Living Hub Use Case within the INNO4CFIs I3 Project	Agathe Mercier-Nallet ¹ , Ilaria Chicca ¹ , Anastasia Pacary ² , Florian Liénard ³ , Caroline Zaoui ¹	¹ NOVOBIOM, ² IMEAN, ³ ISSEP
490	Advancing LNAPL remediation: Enhanced stability and performance of Polymer Enhanced Foam (PEF) in porous media	Adil Baigadilov ¹ , Stéfan Colombano ¹ , Sagyn Omirbekov ² , Maxime Cochenne ² , Dorian Davarzani ¹ , Fabien Lion ¹ , Laurent Oxarango ³ , Hugues Bodiquel ³	¹ BRGM (French Geological Survey), ² National Laboratory Astana (Nazarbayev University), ³ Université Grenoble-Alpes
491	Sustainable treatment of hospital effluents using activated biochar for pharmaceutical removal	Ana Hayat ¹ , José Leandro Duarte Da Silva ¹ , Carmen María Domínguez ¹ , Aurora Santos ¹ , Salvador Cotillas ¹	¹ University Complutense of Madrid
493	Plant-based Methods to Address Decreased Nutrients and Increased Salinity in Soil after Applied Smouldering Remediation	Christine Switzer ¹ , Rossane Delapp ² , David Kosson ² , Charles Knapp ¹	¹ University of Strathclyde, ² Vanderbilt University
494	Upscaling fungal assisted bioremediation for the treatment of TPH contaminated soil: a LifeMySoil case study at a former refinery site in France	Ilaria Chicca ¹ , Maxime Dessily ¹ , Xin Zhang ¹ , Margit Heiske ² , Anastasia Pacary ² , Laurent Thannberger ³ , Caroline Zaoui ¹	¹ NOVOBIOM, ² IMEAN, ³ VALGO
495	Quantifying the Carbon Footprint of Applied Smouldering for Contaminant Remediation, Biosolids, and Municipal Solid Waste Treatment	Christine Switzer ¹ , Tarek Rashwan ²	¹ University of Strathclyde, ² Open Univeristy
497	International Comparison of Important Indicators for Citizens in the Final Disposal of Soil Containing Radioactive Materials from the Fukushima Daiichi Nuclear Power Plant Accident	Masaki Takeda ¹ , Tetsuo Yasutaka ¹ , Momo Takada ¹ , Michio Murakami ² , Susumu Ohnuma ² , Yasuyuki Shibata ³ , Thierry Schneider ⁴ , Kosuke Shirai ¹	¹ National Institute of Advanced Industrial Science and Technology (AIST), ² Osaka University, CIDER, ³ Hokkaido University, ⁴ CEPN
499	Austrias historically contaminated sites – current state and making remediation fit for future	Thomas Wirthensohn ¹ , Timo Dörrie ²	¹ Kommunalkredit Public Consulting GmbH, ² Environment Agency Austria
501	Successful Remediation of a Chlorinated Solvent Source Area in Clay Till Using Microscale Zero Valent Iron: Results From Ten Years of Performance Monitoring	Neal Durant ¹ , Dylan Eberle ¹ , Morten Dreyer ² , Torben Jørgensen ² , Kirsten Rügge ² , Nina Tuxen ³	¹ Geosyntec Consultants, ² COWI A/S, ³ Capital Region of Denmark
502	Electrochemical reduction of PFAS in situ – presentation of laboratory and field test results and most likely identified mechanisms of contaminant reduction.	Petr Kvapil ¹ , Namuun Gambat ¹ , Emily Brown ¹ , Ian Phillips ¹ , Jaroslav Nosek ² , Alena Pavelkova ² , Jaroslav Semerad ³ , Tomas Cajthaml ³ , Jan Filip ⁴	¹ Photon Water, ² Technical University Liberec, ³ MBU AVČR, ⁴ Universita Palackeho Olomouc
506	Reactive transport models are core stone tools to optimize phytostabilisation management of mining residues	Nicolas Devau ¹ , Hugues Thouin ¹ , Samuel Mertz ² , Ulysse Moreau ³ , Lydie Le Forestier ³ , Vincent Milesi ³ , Christophe Tournassat ⁴ , Olivier Pible ⁴ , Marina Le Guedard ⁴ , Fabienne Battaglia-Brunet ¹	¹ French Geological Survey (BRGM), ² ANTEA, ³ Institut des Sciences de la Terre d'Orléans, ⁴ Laboratoire Innovations technologiques pour la Détection et le Diagnostic (Li2D-DRF-CEA), ⁵ LEB - ADERA
508	Soil quality and no net land take: methodological developments on Rennes metropolis (France)	Cécile LE GUERN ¹ , Benjamin DESLANDES ¹ , Bastien BOIVIN ¹ , Flora LUCASSOU ¹	¹ BRGM
513	Contaminants Bioavailability – Toward a Sustainable and a More Science Based Remediation Approach	Dr Fouad Abo ¹	¹ GHD
515	Engineered wetlands used for groundwater treatment at a contaminated megasite	Szabolcs Halmoczkai ¹ , Ferenc Gondi ¹	¹ BGT Hungaria Kft.

518	Thermal treatment of PFAS in soil: Three field demonstrations show what is possible, including reaching non-detect concentrations and minimizing energy usage	Gorm Heron ¹ , Emily Crowner ¹ , Robert Glass ¹	¹ TRS Group
520	Flocculation for the treatment of extracted groundwater during Thermal soil remediation: gains and challenges.	Pieter De Waele ¹	¹ McMillan-McGee Europe
535	Simultaneous removal of mixed PFASs and Cd from aqueous solutions by montmorillonite-supported nZVI? Behaviors and mechanisms	Xin Song ¹ , Qing Wang ¹ , Liangchun Jia ² , Yi Zhou ³	¹ State Key Laboratory of Soil and Sustainable Agriculture, Institute of Soil Science, Chinese Academy of Sciences, Nanjing 211135, China, ² College of Science, Nanjing Agricultural University, Nanjing, 210095, China, ³ College of Materials and Advanced Manufacturing, Hunan University of Technology, Zhuzhou 412007, China
536	Phytoremediation as a sustainable alternative to traditional pump and treat systems	Olga Vounaki ¹ , Charline Kaplan ² , Mattias Verbeeck ² , Rony Annaert ² , Chris Gale ³	¹ ERM Belgium, ² ERM Belgium, ³ Applied Natural Sciences, Inc
537	Exploring the limits of saturated zone in situ thermal remediation	Søren Eriksen ¹	¹ Krüger Veolia
538	Hemp cultivation on metal contaminated soils: Strategies for phytomanagement and economic valorisation of degraded soils	Nolan Regnier ¹ , Stanley Lutts ¹	¹ UCLouvain
540	Constructed wetland for treatment of HCH-contaminated water – experience from a three-year field study	Jan Němeček ¹ , Martina Štrojsová ¹ , Pavla Švermová ¹ , Miroslav Černík ¹	¹ Technical University of Liberec
541	Reducing the carbon footprint and saving millions of Euros using a dynamic remedial approach	Jonny Bergman ¹ , Kristin Forsberg ¹ , Fredrik Westin ² , Pär Elander ³ , Josephine Molin ⁴ , Jack Shore ⁵	¹ Sheeba Environmental Engineering AB, ² PEAB Anläggning AB, ³ Elander Miljöteknik AB, ⁴ Evonik, ⁵ Regenesis
544	EXPOSED? - Towards a better assessment of human exposure to metal(loid)s in soils and the associated risks	Charlotta Tiberghy ¹ , Yvonne Ohlsson ¹ , Matilda Johansson ¹ , Jérôme Petit ² , Aurélie Pelfrene ³ , Linda Dunder ⁴ , Mario Sanca ⁴ , Martin Tondel ⁴	¹ Swedish Geotechnical Institute, ² Institut Scientifique de Service Public, Wallonie, ³ Laboratoire de Génie Civil et géo-Environnement, Univ. Lille, ⁴ Department of Occupational and Environmental Medicine, Uppsala Univ. Hospital
546	Isolation of an NMP (N-methyl-2-pyrrolidone) degrading bacteria and its usage in a fluidized-bed bioreactor	Balázs Fehér ¹ , Ingrid Zsilinszky ¹ , Laura Ábrahám ¹ , Péter Bernula ¹ , Attila Komoczi ¹ , István Kiss ¹	¹ aDepartment of Applied Microbiology, Division for Biotechnology, Bay Zoltán Nonprofit Ltd. for Applied Research
547	Optimization and validation of phytomanagement strategies using woody and herbaceous/fiber crops: A circular economy approach for soil restoration	Aqib Hassan Ali Khan ¹ , Diego Soto-Gómez ¹ , Andrea Martín-Pablo ¹ , Alberto Soto-Cañas ¹ , Sandra Curiel-Alegre ¹ , Jose Carlos Castilla-Alcántara ¹ , Luka Dovobric ² , Sergii Chabannyi ² , Belén Alonso-Núñez ³ , Jose Luis Rodríguez-Gallego ⁴ , Gisela Félix ⁴ , Humberto Castillo ⁴ , Michel Chalot ⁴ , Carlos Rad ⁷ , Ana Arnaiz ⁸ , Blanca Velasco-Arroyo ⁹ , Akanksha Mishra ¹⁰ , Andrea Martos ¹⁰ , Rocío Barros ¹	¹ International Research Center in Critical Raw Materials for Advanced Industrial Technologies (ICCRAM), University of Burgos, Centro de I+D+I. Plaza Misael Bañuelos s/n. 09001, Burgos, Spain, ² Particula Group Društvo S Ogranichenom Odgovornosci Za Istrazivanje Razvoj I Proizvodnju, ³ Departamento de Química, Escuela Politécnica Superior, Universidad de Burgos, Pza. de la Infanta Dña. Elena, s/n, 09001 Burgos, Spain, ⁴ Environmental Biogeochemistry & Raw Materials Group and Institute of Natural Resources and Territorial Planning (INDUROT), University of Oviedo, Campus of Mieres, 33600, Mieres, Spain, ⁵ Phytowelt Greentechnologies GmbH, ⁶ Chrono-environnement UMR 6249, Université de Franche-Comté CNRS, F-25000 Besançon, France, ⁷ Research Group in Composting (UBUCOMP), University of Burgos, Faculty of Sciences, Plaza Misael Bañuelos s/n, 09001, Burgos, Spain, ⁸ Departamento de Química, Facultad de Ciencias, Universidad de Burgos, Plaza Misael Bañuelos s/n, 09001 Burgos, Spain, ⁹ Department of Biotechnology and Food Science, University of Burgos, Plaza Misael Bañuelos, s/n, Burgos, 09001, Spain, ¹⁰ IDENER Research & Development Agupacion De Interes Economico
548	Innovative Analysis of Rainfall-Driven Contaminant Patterns in Groundwater: A Path Toward Climate-Resilient Water Management	Lazaros Sofikitis ¹ , Ahmed Abdelrady ² , Romee Van Dam ³ , Marta Drausnik ⁴ , P. Demestichas ¹⁵	¹ WINGS ICT Solutions, ² Wetsus, European centre of excellence for sustainable water, ³ Deltares, ⁴ Wageningen University, Department of Digital Systems, University of Piraeus, ⁵ Department of Digital Systems, University of Piraeus
549	Impact of Biopesticides on Soil Microbial Communities	Maria Osipenko ¹ , Caroline De Clerck ¹	¹ University Agro-Bio Tech Gembloux
550	Favorizing the local recycling of excavated soils characterized by elevated background by promoting the development of local territorial knowledges on background concentrations	Henri Halen ¹ , Pierre François ² , Gilles Colinet ² , Patrick Engels ³ , Johan Yans ⁴ , Théo Bouvart ⁴ , Aubry Vandeuken ⁵	¹ Brownfield Academy, ² University of Liege - Gembloux AgroBioTech, ³ Walloon Administration of environment - SPW ARNE, ⁴ University of Namur - Faculty of Geology, ⁵ University Catholic of Louvain-Earth and Life Institute
552	Effects of adding different biostimulants and effects of temperature on the microbiological treatment of soil contaminated with high diesel concentrations	Jimena Sainz Cerezo ¹ , Jorge Diamantino Miranda ¹ , Norbert Nägele ¹ , Cynthia Alcántara Pollo ¹	¹ KEPLER Ingeniería y Ecogestión, S.L.
554	Exploring Typha domingensis as a candidate species for nickel uptake in the remediation of severely polluted waters	Yuri Castilho ¹ , Douglas Viana ¹ , Amanda Ferreira ¹ , Thomas Trentin ¹ , Amanda Varussa ¹ , Tiago Ferreira ¹	¹ Department of Soil Science, University of Sao Paulo
555	REMEDIATION BY IN-SITU CHEMICAL REDUCTION OF SOIL AND GROUNDWATER CONTAMINATED WITH TETRACHLOROETHYLENE	Cynthia Alcántara Pollo ¹ , Jorge Diamantino-Miranda ¹ , Jimena Sainz Cerezo ¹ , Norbert Nägele ¹	¹ KEPLER, INGENIERÍA Y ECOGESTIÓN, S.L.U.
559	Arbuscular mycorrhizal fungi increase no-tillage yield by increasing the multifunctionality of soil microbial nitrogen cycle	Hui Wu ¹ , Enke Liu ² , Pierre Delaplace ¹ , Caroline de Clerck ¹	¹ Liege University, ² Chinese Academy of Agricultural Sciences
562	Dissemination of information for the global land contamination community	Rob Sweeney ¹ , Nicola Harries ¹	¹ Contaminated Land: Applications in Real Environments (CL:AIRE)
564	Use of MercLok™ P-640 to reduce elemental mercury beads and remediate highly contaminated building materials to non-hazardous waste classification.	Jon Miller ¹ , Kim Pingree ¹ , Caleb Fontenot ¹	¹ Albemarle Corporation
565	Review of PFAS Destruction Technology from Field Application Perspective: Matrices, Sources, Scalability, and Implementation.	Arul Ayyaswami ¹ , Jishnu Adhikari ¹ , Jitendra Kewalramani ¹ , Carl Lenker ¹	¹ Tetra Tech