

List of posters ConSoil 2010

Please note: The posters are listed according to themes A, B, C and D (3 posters belong to SpS 10: Russia and other CIS countries). Within the themes, the posters are listed in alphabetical order with reference to the family name of the first author. Themes are:

- A RESTORATION**
 - A1 Environmental footprint*
 - A2 Site Investigation: Monitoring & Screening*
 - A3 Remediation Concepts & Technologies*
 - A4 Complete Cases of Restoration of Sites*
 - A5 Sediment Management and Remediation*
- B NEW FUNCTIONS OF THE SUBSURFACE**
- C SUSTAINABLE MANAGEMENT OF THE SUBSURFACE**
 - C1 Policies on Soil-Water Systems*
 - C2 Functions & Values of Soil-Water Systems*
 - C3 Fate, Risks & Impacts of Contaminants*
- D MANAGEMENT OF CONTAMINATION AT REGIONAL SCALE**

POSTER DISPLAY

Poster Social: Wednesday, 22 September, 17.30–19.00 hrs. During the Poster Social with drinks and snacks, poster authors are expected to be near their posters.

The posters will be displayed during all conference days. The ConSoil organization provides notes that can be stuck to the poster panels by a delegate to inform the poster presenter at what time (s)he would like to meet the poster author near the poster,

POSTER AWARDS

Three best posters of (PhD) students will be awarded. The posters which participate in the award (from a (PhD) students' work) are marked with green labels. Labels are available at the registration desk, please ask.

The awards will be presented during the Closing Session on Friday.

NO.		POSTERS
Theme A – RESTORATION		
Theme A1 – Environmental footprint		
A1-01	Bonnemains, Jacky Miriam Potter, Allison Glass, Kerry Sheehan, Charlotte Nithart, Christine Bossard (Association Robin des Bois, France) Over 2,750 contaminated sites in Arctic	
A1-02	Bostani, Amir (Shahed University, Iran) Kinetics of Manganese Release from some Calcareous Soils	
A1-03	Carvalho, Manuela (REQUIMTE / CIGAR, Portugal), M. Cristina Vila, José Soeiro de Carvalho (CIGAR, Portugal), Valentina Domingues, Cristina Delerue-Matos (REQUIMTE, Portugal); Teresa Oliva-Teles (REQUIMTE, Portugal), António Fiúza (CIGAR, Portugal) Extensive methodology for preliminary bioventing tests – application to a residual granitic soil contaminated with xylene	
A1-04	Collivignarelli, Carlo; Mentore Vaccari (University of Brescia, Italy) Phytoextraction and phytostabilization of Cadmium and lead in contaminated soils: preliminary results of greenhouse tests	
A1-05	Huppunen, Jukka (Ramboll Finland Oy, Finland) Reuse of demolished materials in earthworks	
A1-06	Moreno, Eduardo; Sepúlveda, Rodrigo; Peñalosa, Jesús M.; Elvira, Esteban (Universidad Autónoma de Madrid, Spain) Use of soil amendments to alter trace element mobility in a soil polluted by pyritic-mining wastes	
A1-07	Niazi, Nabeel Khan, Balwant Singh (The University of Sydney, Australia), Pushan Shah (Macquarie University Australia) Speciation and bioavailability of arsenic in contaminated soils using X-ray absorption near edge structure spectroscopy and a sequential extraction procedure	
A1-08	Schrooten, Pieter; Maarten Cuypers (ERM Belgium) Integrating redevelopment into soil remediation: a sustainable solution	
A1-09	Valkenburg, John; Seech, Alan (Adventus Europe, USA) In Situ Chemical Reduction for Footprint Reduction – Case Study for Organic Explosives in Soil	
A1-10	Wayne, Powell (DSM Pharmaceutical Products, USA) Moving towards Sustainable Soil and Groundwater Remediation	

NO.		POSTERS	
Theme A2 – Site Investigation: Monitoring & Screening			
A2-01	Azzellino, Arianna; Sabrina Saponaro, Elena Sezenna (Politecnico di Milano, Italy)	Statistical analysis of groundwater monitoring data at a national priority site in Northern Italy	
A2-02	Balázs, Bernáth (MEGATERRA Environmental Engineering Office Ltd., Hungary)	Environmental assessment and monitoring system supported by on-site soil gas measurements	
A2-03	Beard, Mitchell K. (EarthSoft, Inc., USA)	Collecting and analysing petabytes of environmental data without paying like the navy	
A2-04	Berger, Wolfgang; Ute Kalbe, Oliver Krüger, Gabriele Christoph (BAM Fed. Inst. Materials Res. & Testing, Germany)	New aspects of the determination of PAH leaching behaviour from contaminated soils	
A2-05	Cox, Evan; Carey Austrins (Geosyntec Consultants, Canada), Jim Spain (Georgia Inst. of Technology, USA), James Gossett (Cornell University, USA), Elizabeth Edwards, Barbara Sherwood Lollar (University of Toronto, Canada)	The Truth is Out There: Unraveling the Mystery of the Missing DCE, Vinyl Chloride & Ethene	
A2-06	de Fouquet, Chantal (Mines ParisTech, France), Yves Benoit (IFP, France), Claire Carpentier (ARCADIS, France), Claire Faucheux (Mines ParisTech, France), Bruno Fricaudet (ARCADIS, now at BFR Ex Poll, France)	On site survey of organic pollutions: some results of the Loquas Project	
A2-07	Garcia-Alonso, S.; R.M. Pérez-Pastor, M.L. Sevillano-Castaño, O. Escolano, F.J. García-Frutos (CIEMAT, Spain)	Quality of analytical measurements of PAHs in a type II fuel	
A2-08	Godbersen, Levke (Leibniz University Hannover / BGR, Germany); Jens Utermann, Wilhelmus H.M. Duijnsveld (Federal Institute for Geosciences and Natural Resources – BGR, Germany)	Comparison of trace element concentrations of in situ sampled soil water and batch extracts	
A2-09	Grifoll, Magdalena; Vila, Joaquim (University of Barcelona, Spain)	Microbial metabolites as indicators of active biodegradation processes in PAH polluted soils	
A2-10	Houten, M. van (Witteveen+Bos Consulting Engineers, Netherlands), R. Koomans (Medusa Explorations BV, Netherlands), A. Verstappen (Actief Bodembeheer de Kempen, Netherlands)	Use of innovative techniques for soil management	
A2-11	Jubany I.; Calderer M., González, C. (CTM Technological Centre Foundation, Spain), Corcho, D., Muelle, A. (INTRAVAL S.L. Llull, Spain), Martí, V. (CTM Technological Centre Foundation / Technical Univ. of Catalonia, Spain)	Enumeration of hydrocarbon-degrading bacteria by most probable number using Resazurin as indicator	
A2-12	Kacprzak, Małgorzata; Krzysztof Fijałkowski, Anna Grobelak, Maciej Nowak (Czestochowa Univ. of Technol., Poland)	Monitored natural attenuation (MNA) of forest soils within terrain of zinc smelter	
A2-13	Kryazimskaya, Ludmila (Russian Federal Nuclear Center – Russian Research Institute of Experimental Physics); Shinkarev, Alexander; Breus, Vladimir; Breus, Irina (Kazan State University, Russia)	Competitive sorption of exogenous hydrocarbons on heavy loamy soils	
A2-14	Lazik, D., Vogel, H.-J. (Helmholtz Centre for Environmental Research – UFZ, Germany)	CCS - CO ₂ versus background – CO ₂ : differentiation possible?	
A2-15	Martí V. (CTM / ETSEIB,UPC, Spain), Martínez X (CTM, Spain), de Pablo J. (CTM / ETSEIB,UPC, Spain), Gibert O., Giménez J., de Fays I. (ETSEIB,UPC, Spain)	Statistical testing based methodology for the analysis of soil pollution evidence	
A2-16	Martínez Pascual, Eulàlia; Jiméñez, Núria (University of Barcelona, Spain); Vidal, Georgina (D'ENGINY biorem S.L.), Viñas, Marc (GIRO Technological Centre), Solanas, Anna Maria (University of Barcelona, Spain)	Feasibility assays in aerobic and anaerobic conditions for an Alkylbenzene-contaminated groundwater	
A2-17	Meira Castro, Ana C.; J.P. Meixedo (CIGAR / LEMA, Portugal), Tomás Albergaria, Cristina Matos, Susana Ribeiro, (REQUIMTE, Portugal), José Gomes, João Ribeiro (CIGAR / REQUIMTE, Portugal), Carlos Fernandes, Bruno Rocha (CIGAR, Portugal)	Soil sampling design and sampling techniques for soil properties monitoring – common difficulties related to forest soils	
A2-18	Mihali, Cristina; Gabriela Oprea (North University of Baia Mare, Romania), Angela Michnea (Environmental Protection Agency Maramures, Romania), Marin Senila (INCDO-INOE 2000 – Res. Inst. Analytical Instrumentation, Romania)	Microelements in Soils in Baia Mare Area, NW Romania	
A2-19	Nagy, Zsuzsanna Magdolna; Katalin Gruiz, Mónika Molnár (Budapest University of Technology and Economics, Hungary), Éva Fenyvesi (yclolab Cyclodextrin R&D Laboratory Ltd., Hungary)	Biodegradation in 4-chlorophenol contaminated soil	
A2-20	Picot, Géraldine; Valérie Guerin (BRGM/CNRSSP, France), Sandra Beranger (BRGM, France), Nor-Edine Abriak (Ecole des Mines, France), Agnès Laboudigue (Ecole des Mines/CNRSSP, France), François van Dorpe (CEA/CNRSSP, France)	Data acquisition and consequences on flows modelling: case of a multilayer unsaturated porous soil	
A2-21	Rollin, Claire; Masselot, Guillaume (INERIS, France)	Tests of three passive samplers for the monitoring of groundwaters contaminated by chlorinated solvents	
A2-22	Salla, Antti (City of Helsinki, Finland)	Urban background concentrations in soils of Helsinki, Finland	
A2-23	Shabnam Rathore, Karl Stahr (University of Hohenheim, Germany)	Land suitability evaluation for selected crops using GIS technique, a case study on salt affected land of Southern Pakistan	
A2-24	Świercz, Anna (University in Kielce, Poland)	Heavy metal contents in the chosen urban soils in the city of Kielce	
A2-25	Swiercz, Anna, (Dept. of Management and Protection Environment), Jan Kochanowski (University in Kielce, Poland)	Heavy metals contents in urban and garden soils in the Kielce (Poland)	
A2-26	Terkelsen, Mads (Capital Region, Denmark); de Jonge, Hubert; Moeller, Mikael (Sorbisense A/S); Damgaard, Steffen; Albinus, Jesper (Gront Mij/Carl Bro)	Development and Test of a New Passive Multilevel Groundwater Sampling System	

NO.	POSTERS
A2-27	Tolner, Mária; Emese Vaszi, Katalin Gruiz (Budapest University of Technology and Economics, Hungary) On-site screening and monitoring of pollution by a field-portable X-ray fluorescence measuring device
A2-28	Versluijs, Kees (RIVM, Netherlands) The use of the National list of polluted sites in the Netherlands
A2-29	Wezenbeek, Joke (Grontmij, Netherlands); Karin Grobden (Tauf, Netherlands), Sander Dijkstra (NEN, Netherlands) A new guideline for the main investigation on soil contamination in the Netherlands
Theme A3 – Remediation Concepts & Technologies	
A3-01	Albergaria, J.T.; C.M. Delerue Matos (REQUIMTE, Portugal), M.C.M. Alvim Ferraz (Universidade do Porto, Portugal) Soil vapor extraction in soils contaminated with halogenated and non-halogenated hydrocarbons
A3-02	Andersson-Sköld, Yvonne; Suer, Pascal (Swedish Geotechnical Institute); Bardos, R. Paul (r3 environmental technology ltd, UK); Polland Marcel; Track, Thomas (Dechema e.V.); Keuning, Sytze; Wagelmans, Marlea (Bioclear); Vanheusden, Bernard (Hasselt University, Centre for Environmental Sciences); Blom, Sonja (FB Engineering AB); Groza/Georgescu/Crutu, Nicoleta/Petre-Dan /Gheorghie (R&DNIMRR) Rejuvenate – Crop Based Systems for Sustainable Risk Based Land Management for Economically Marginal Degraded Areas
A3-03	Baldock, James (Consultant); Thomas, Alan (ERM, UK); Teer, Joe (Contractor) First Use in the UK of Full-Scale In-situ Surfactant Enhanced Recovery within an Aquifer Impacted by Trichlorobenzene
A3-04	Banitz, Thomas, Lukas Y. Wick, Karin Johst, Ingo Fetzer, Hauke Harms, Karin Frank (UFZ, Germany) Bacterial dispersal networks improve the bioavailability of organic contaminants
A3-05	Barbafieri M., Petruzzelli G., Tassi E. (National Research Council, Italy), Ambrosini P., Patata L., Cecca G.S. (Saipem/RISAMB, Italy), Pedron F. (National Research Council, Italy) Assisted Mercury phyto-extraction in scale up tests: microcosm-mesocosm-field
A3-06	Bardos, Paul (r3 environmental ltd, UK); Brian Bone (Environment Agency, UK), Richard Boyle (Homes & Communities Agency, UK), David Ellis (DuPont, USA), Frank Evans (National Grid, UK), Nicola Harries (CL:AIRE, UK), Jonathan Smith (Shell Global Solutions / University of Sheffield, UK) A framework for assessing the sustainability of soil and groundwater remediation
A3-07	Battaglia-Brunet, Fabienne; Catherine Joulian, Dominique Breeze, Laurence Poirier, Stéphanie Coulon, Valérie Guerin (BRGM, France) Monitoring of arsenic bio-oxidation and bio-reduction activities in highly As-polluted soils during a phytostabilization field experiment (PHYTOPERF project)
A3-08	Birnstingl, Jeremy; Mork, Ben; Poling, Barry (Regenesis, UK) Performance Considerations for the Release of Oxygen by Metallic Peroxide Compositions
A3-09	Block, Philip; Osborne, Linda (FMC Corporation, USA) Activated Persulfate for the Remediation of Recalcitrant Contaminants
A3-10	Boni, Maria Rosaria; Silvia Scaffoni, Fabiana Mele (SAPIENZA University of Rome, Italy) Natural zeolites and activated carbon for MTBE removal from contaminated groundwater: a comparison
A3-11	Bosch, C., Calderer, M., Jubany, I. (CTM, Spain), Martí, V. (CTM & Technical University of Catalonia, Spain) Gibert, O. (Technical University of Catalonia, Spain), Springael, D. (Katholieke Universiteit Leuven, Belgium), Aamand, J. (Geological Survey of Denmark and Greenland, Denmark) Natural attenuation potential of a groundwater-fed Danish wetland impacted by diffuse nitrate contamination
A3-12	Briceño Toledo, Margarita, Lorena Pérez, Augusto Fernández, Angélica Huaraya (Universidad Arturo Prat, Chile) Remediation of soil affected by salt in the northern of Chile, specifically in the Tarapacá region, using sewage sludge as a source of organic matter: incubation studies
A3-13	Brubaker, Gaylen; Battaglia, Alessandro (AECOM, Italy) The Effect of partial Source removal on groundwater Quality at MGP Sites
A3-14	Bures, Gordon H.; M. Eng., P. Eng., Tyler J. Riewe, A.I.T., (Frac Rite Environmental Ltd., Canada) Integrated and innovative in situ remediation strategies: enhancement technologies for achieving remedial success
A3-15	Cabello, M.; E. González, E. Moliterni, L. Rodríguez (Alquimia Soluciones Ambientales, Spain) Bioaugmentation experiments for soil bioremediation
A3-16	Cagigal, Ekain; Juan Jose Gaitero, Marta Oejo, Asier Oleaga, Myriam González (LABEIN-TECNALIA, Spain) In-situ stabilization of hexavalent chromium in contaminated sites using cement with nanoparticles additions
A3-17	Calderer, M., Martí, V., de Pablo, J., Rovira, M. (CTM Technological Centre Foundation / ETSEIB,UPC, Spain), Gibert, O., Giménez, J. (ETSEIB,UPC, Spain) Assessment of heterotrophic and autotrophic denitrification in aquifers by using batch tests
A3-18	Carey, Grant (Porewater Solutions, Canada); McBean, Edward (University of Guelph, Canada) Validation and Application of a NAPL Depletion Model for Predicting Remediation Timeframe
A3-19	Carvalho, Denize Dias de; Millioli, Valéria Souza; Servulo, Eliana Flávia Camponese (Federal University of Rio de Janeiro, Brazil); Sobral, Luiz Gonzaga Santos (Ministry of Science & Technology, Brazil) Evaluating the potentiality of the addition of surfactants in bioremediation of petroleum hydrocarbons contaminated soil
A3-20	Chang, Yi-Kuo, Shih-Tze Huang, Tzu-Wen Wang, Chia-An Kuo, Yi-Wen Chung, Zh-Hong Hu (Central Taiwan University of Science and Technology, Taiwan) Separation and recovery of heavy metals from contaminated soils
A3-21	Collivignarelli M.C. (Università di Pavia, IT) Treatment of TPHs contaminated soils by wet oxidation: preliminary results
A3-22	Debiane, Djouher; Maryline Calonne, Joël Fontaine, Frédéric Laruelle, Anne, Grandmougin-Ferjani, Anissa Lounès-Hadj Sahraoui (Univ Lille Nord de France & Université du Littoral Côte d'Opale, France) Lipid analysis of the environmental pollutant impact, PAH, on the arbuscular mycorrhizal fungus, Glomus sp.

NO.	POSTERS
A3-23	Dickson Y. S. Yan, Irene M. C. Lo (Hongkong University), Theo C. M. Yip (Ministry of Science & Technology), Daniel C.W. Tsang (University of Canterbury, New Zealand) Factors affecting metal extraction by EDDS: EDDS-to-metal ratio and solution pH
A3-24	Feigl, Viktória; Katalin Gruiz (Budapest University of Technology and Economics, Hungary), Attila Anton (Food Science, Hungary) Combined chemical and phytostabilisation of an acidic mine waste – Long-term field experiment
A3-25	Ferriere, Ludovic; Thierry Gisbert, Peter Dols, J.L. Mauss (Rhodia) (ARCADIS, France) Application of In Situ Reactive Zones (IRZ) to the biological stabilization of chromite ore processing residues (COPR) heap and acid mine drainage
A3-26	Fijałkowski, Krzysztof; Małgorzata Kacprzak (Czestochowa University of Technology, Poland) Induced phytoextraction of Zn, Pb and Cd from highly-polluted soil by: <i>Salix viminalis</i> root-dipping in ectomycorrhizal fungi and sewage sludge fertilization
A3-27	Fritsch, Alfred; Wilfried Rataj (INTERGEO Umwelttechnologie und Abfallwirtschaft, Austria) In situ remediation of HC products Investigation – Planning – Implementation by Example of 2 Remediation Projects
A3-28	García Frutos, F.J.; O. Escolano, S. García-Alonso, M. Fernández, A. García Álvarez (CIEMAT, Spain) Study of PAHs removal by natural attenuation in two agricultural soils unaffected and affected by an accidental spill of fuel
A3-29	Haghebaert, Stijn; Kristof Van Vooren (European Remediation Technologies, Belgium), Lorenzo Sachetti; Matt Dingens (Carus Europe, Italy) CAP18®: Used as anaerobic biobarriers for VOCs
A3-30	Haghebaert, Stijn; Kristof Van Vooren (European Remediation Technologies, Belgium), Lorenzo Sachetti, Matt Dingens (Carus Europe, Italy) CAPISCO™: Turnkey fixed-price remediation of CVOC polluted sites
A3-31	Innemanova, Petra; Lenka Wimmerova, Jan Kukacka, Robert Raschman (Dekonta, a.s. (Czech Republic) Technological Centre for Pilot-Scale Verification of Decontamination Technologies: An Example of Receiving Support from the EU Structural Funds
A3-32	Istrate, Irina Aura (University "Politehnica" of Bucharest, Romania), Gianni Andreottola (University of Trento, Italy), Adrian Badea (Politehnica University of Bucharest, Romania) The treatment of hydrocarbons contaminated sand using chemical and electrochemical technologies
A3-33	Jaakkonen, Satu (Finnish Environment Institute, Finland) Treatment of excavated contaminated soil in Finland
A3-34	Jubany I. (CTM Technological Centre Foundation, Spain); Corcho, D. (INTRAVAL S.L. Llull, Spain), Rovira, M. (CTM Technological Centre Foundation, Spain), Muelle, A. (INTRAVAL S.L. Llull, Spain), Martí, V. (CTM Technological Centre Foundation / Technical University of Catalonia, Spain) Easy respirometric method for the optimisation of diesel-contaminated soil bioremediation
A3-35	Karg, Frank (HPC Envirotec SA, France), Ulrike Hintzen (HPC AG, Duisburg, Germany), Thomas Portune (HPC Kriffel, Germany), R. Domalski (Rütgers Organics / SA) Ground water Treatment by Dynamized Natural Bio- Attenuation (DNBA): Case Study HAH, BTEX, PAH
A3-36	Karg, Frank P.M. (HPC Envirotec SA, France), Hintzen, Ulrike (HPC AG, Germany) Ground water Treatment by Dynamized Natural Bio- Attenuation (DNBA): Case Study HAH, BTEX, PAH
A3-37	Khatishashvili, Gia; Adamia, Gia, Pruidze, Marina; Gagelidze, Nino; Kutateladze, Lali; Sadunishvili, Tinati; Kvesitadze, Giorgi (Durmishidze Institute of Biochemistry and Biotechnology, Georgia) Plants and Microorganisms for Complete Phytoremediation of Soils Polluted with Explosives
A3-38	Kirdmane, Chalernpol; CHA-UM Suriyan, Kanket Wimolnan and Sittsaphanit Suphasit (Thailand) Impact of Phyto-remediation on Salt Mining Area
A3-39	Klebercz, Orsolya; Katalin Gruiz, Viktória Feigl (Budapest University of Technology and Economics, Hungary), Attila Anton (Hungarian Academy of Science) Introducing the project SOILUTIL
A3-40	Kozubek, Petr (Enacon s.r.o., Czech Republic) Seasonal effect on the course of natural attenuation processes
A3-41	Kvapil, Petr; Gana, Pavel; Pitrak, Michal; Dusilek, Pavel; Hampson, Craig (AQUATEST a.s., Czech Republic) Site investigation and remediation concept for low-permeable soils contaminated by complex organic contamination (CLE, CLM)
A3-42	Lara, Valentin; Annele, Hatakka; Kari, Steffen; Marja, Tuomela (University of Helsinki, Finland) Mycoremediation of contaminated soils and importance of the fungal substrate
A3-43	Lim, Leonard L.P.; Rod J. Lynch (University of Cambridge, UK) In-situ photocatalytic attenuation of organics in groundwater
A3-44	Lipšová, Hana (Charles University in Prague, Czech Republic), Jaromír Jirkovský (J. Heyrovsky Institute of Physical Chemistry of the ASCR, Czech Republic), Josef V. Datel (Charles University in Prague, Czech Republic) Novel photochemical procedure for remediation of contaminated groundwaters
A3-45	Lladó, Salvador (University of Barcelona, Spain); Viñas, Marc (Giro Technological Centre, Spain), Gràcia, Enric; Solanas, Anna Maria (University of Barcelona, Spain) Colonization of a creosote contaminated soil by white rot fungi <i>Trametes versicolor</i>
A3-46	Malandain, Cedric (ENOVEO, France), Antoine Joubert (SERPOL, France), Olivier Sibourg (ENOVEO, France), Fabienne Coruble (CARRIER, France), Alain Dumestre (SERPOL, France), Maude M. David (ENOVEO, France) Characterisation of degrading microbial activity by q-PCR during evo biostimulation

NO.	POSTERS
A3-47	Moliterni, E.; E. Gonzalez (Alquimia Soluciones Ambientales, Spain); N. Hervás (University of Castilla-La Mancha, Spain), L. Rodríguez (Alquimia Soluciones Ambientales, Spain), J. Villaseñor (University of Castilla-La Mancha, Spain) Moisture influence on diesel polluted soil bioremediation
A3-48	Molnár, Mónika; Katalin Gruiz (Budapest University of Technology and Economics, Hungary), Éva Fenyvesi (Cyclolab Cyclodextrin R&D Laboratory Ltd., Hungary), Norbert Lantos, Zsófia Fehér (Budapest University of Technology and Economics, Hungary) Innovative remediation of groundwater contaminated by chlorinated hydrocarbons: feasibility studies in lab-scale
A3-49	Nguyen Thi Kim Phuong, Nguyen Thi Phuong Dieu Effect of copper, zinc and lead contaminated irrigation water on vegetable
A3-50	Nijenhuis, Ivonne; Weiß, Holger (Helmholtz Centre for Environmental Research – UFZ, Germany); Schaffranka, Evelyn; Großmann, Jochen (GICON - Großmann Ingenieur Consult GmbH, Germany); Richnow, Hans-Hermann (Helmholtz Centre for Environmental Research – UFZ, Germany) Assessment of in situ natural attenuation of halogenated solvents using stable isotope techniques, microcosm studies and molecular markers
A3-51	Otaegi, Nerea (LABEIN research and technology centre, Spain); Sarobe, Martin; Argaiz, Gorka (CALCINOR); Hevia, Carlos (IGESMA) Stabilisation of an organically contaminated soil by using a lime-based product
A3-52	Otaegi, Nerea; Vadillo, Jose Enrique (LABEIN research and technology centre, Spain); Bastiaens, Leen (VITO); Van Gaans, Pauline; Hartog, Niels (DELTAARES); Grotenhuis, Tim (Wageningen University); Kupranek, Janusz (IETU); Larsson, Lennart (SGI) Sustainable Soil Upgrading by Developing Cost effective, Biogeochemical Remediation Approaches - UPSOIL
A3-53	Ouellet-Plamondon, Claudiane, Rod Lynch, Abir Al-Tabbaa (University of Cambridge, UK) Sorption behaviour of granular zeolite and organoclay for soil mix technology permeable reactive barriers
A3-54	Pedron, Francesca; Giannantonio Petruzzelli, Eliana Tassi, Sara Brignocchi, Meri Barbaferi (National Research Council, Italy) Simultaneous Pb and As assisted-phytoextraction from a contaminated industrial soil
A3-55	Pensaert, Stany (DEC NV, Belgium) Innovative non cement based approach to stabilisation/solidification of soils and sediments
A3-56	Pensaert, Stany; Clare Staveley, Mark Wardle (DEC NV, Belgium) Soil treatment centre at a major sports event site, London, UK
A3-57	Pensaert, Stany; De Bruecker, Thomas (DEC NV, Belgium); Houlahan, Todd (Innov-X Systems) XRF: the use and application in site remediations
A3-58	Pensaert, Stany; Pomphrey, Guy (DEC UK Ltd., Belgium) The Soil Treatment Centre at the Olympics 2012 site in London
A3-59	Perchet Geoffrey-Thibault (Biobasic Environnement, France), Dugat-Bony Eric, Petit Corinne, Ossedat Maxime (LMGE, France), Troquet Julien (Biobasic Environnement, France), Peyret Pierre (LMGE, France) Bioattenuation of chlorinated solvents: a laboratory-scale study
A3-60	Poltronieri, Alessandro; Michele Stella, Serena Curti, Pietro Zenesi (Golder Associates S.r.l., Italy) Land redevelopment of a former gasholder site in Bari (Italy): risk assessment and remediation design
A3-61	Potashev, Konstantin; Saifutdinov, Timur; Breus, Irina (Kazan State University, Russia) Modeling competitive sorption of hydrophobic contaminants by geosorbents
A3-62	Rakshit, Amitava, Kuldeep Singh, Bhagwat Singh Kherawat, P. Raha (BHU, India), NC Sarkar (Nagaland University) Bioremediation with vesicular-arbuscular mycorrhizal fungi in kharif rice cv. Sonam in peri urban areas of Varanasi irrigated with treated sewage water
A3-63	Razvan-Ioan, Panturu; Gheorghita Jinescu (Universitatea POLITEHNICA Bucuresti, Romania), Eugenia Panturu, Rozalia Radulescu, Antoaneta Filcenco-Olteanu, Nicoleta Groza (NationalInstituteForMetalsandRadioactiveResources-ICPMRR, Romania) Radioactive waste water decontamination using Zero-Valent Iron
A3-64	RUBIO, A.; A. Gimeno, M. García (IGME, Spain), O. Escolano, R. Pérez (CIEMAT, Spain), C.Perucha, J. Laguna (HERA AG AMBIENTAL, Spain), F.J. García Frutos (CIEMAT, Spain) Slurry bioremediation of hydrocarbon contaminated sludges from soil washing processes
A3-65	Schritter, Johanna Traude, Judith Ausserbrunner, Andreas P. Loibner, Marion Hasinger (University of Natural Resources and Applied Life Sciences Vienna, Austria), Paul Schöberl (Wien Energie Gasnetz GmbH, Austria), Kerstin Scherr (University of Natural Resources and Applied Life Sciences Vienna, Austria) Enhancement of microbiological degradation of polycyclic aromatic hydrocarbons under nitrate reducing conditions
A3-66	Singh, A., A. Arora, S. B. Singh, Lata (Indian Agricultural Research Institute, India) Pyrene degradation by biosurfactant producing Stenotrophomonas maltophilia BR-12 isolated from oil refinery
A3-67	Sloojer, Martin (BioSoil International BV, Netherlands) In-situ bioremediation of Chlorinated Solvents in Source areas
A3-68	Soares, António; José Tomás Albergaria, Valentina Domingues, (REQUIMTE, Portugal), Paolo de Marco (Universidade do Porto, Portugal), Cristina Delerue-Matos (REQUIMTE, Portugal) Bioremediation of soils contaminated with benzene previously treated by soil vapour extraction
A3-69	Struppe, T.; S. Kühn and C. Charle (Struppe & Dr. Kühn Umweltberatung GbR, Germany) Detection of active microbial metabolization zones in groundwater downstream of landfills
A3-70	Studds, Phil (Ramboll UK), D I Stewart (The University of Leeds, UK) Bioremediation of Chromium Impacted Soils
A3-71	Summ, Konstantin (AMEC Earth & Environmentaal GmbH) Enhanced In-Situ CHC-Groundwater Remediation within a Fractured Bedrock Aquifer

NO.	POSTERS
A3-72	Sutton, Nora B.; Tim Grotenhuis, Huub Rijnaarts (Wageningen University, Netherlands) Optimization of soil conditions for bioremediation in chemically pretreated soils: site characterization
A3-73	Suy, Karina (Cyclolab Cyclodextrin R&D Laboratory Ltd., Belgium), Leendert Groenewegen van der Weiden (MOURIK Groot-Amers, Netherlands) Remediation of chlorinated solvents by Modified Fenton's Reagents and enhanced bioremediation
A3-74	Tserenpil, Shurkhuu (CAS, China) Interactions between antimony and soil humic acid from an antimony smelting site
A3-75	Vega, A. (Instituto Superior de Engenharia do Porto / University of Porto, Portugal); Elsa Branco, A. Fiúza (University of Porto, Portugal) Contribute to the study of the heterogeneous kinetics of Cr(VI) reduction by Zero-Valent Iron
A3-76	Watzinger, Andrea; Wimmer, Bernhard; Reichenauer, Thomas G. (AIT Austrian Institute of Technology GmbH) Pytoremediation of groundwater contaminated with halogenated volatile organic compounds – microcosm experiments
A3-77	Wiklund, Ulf (Tyréns AB, Sweden); Jonny Bergman (MB Enviroteknik AB, Sweden), Martin Bergvall (Tyréns AB, Sweden), Morgan Näslund (MB Enviroteknik AB, Sweden), Maja Örberg (Tyréns AB, Sweden), Harald Grip (Sweden) Lessons from a stimulated anaerobic dechlorination experiment in Sweden
A3-78	Winquist, Erika (Aalto University, Finland); Steffen, Kari; Tuomela, Marja (University of Helsinki, Finland) Opportunities for treatment of contaminated soil with white-rot and litter-decomposing fungi
A3-79	Zawierucha, Iwona (Jan Dlugosz University of Czestochowa, Poland), Grzegorz Malina (AGH University of Science and Technology, Poland) Effectiveness of diverse biodegradation enhancements for TPH contaminated soil
A3-80	Zidkova, Ljuba (DEKONTA, a.s. / Institute of Chemical Technology in Prague, Czech Republic), Petra Najmanova, Iveta Cepelakova, Lenka Wimmerova, Marek Svab, Eliska Turkova, Petr Dosoudil, Lubos Zapotocky, Lubos Barta, Michal Najman (DEKONTA, a.s., Czech Republic), Josef Copan (DEKONTA Slovensko, Slovakia) Remediation technologies in DEKONTA – verified methods and new approaches
Theme A4 – Complete Cases of Restoration of Sites	
A4-01	Barbanti, Andrea (Thetis S.p.A., Italy); Amoroso, Carlo Glauco (Studio Altieri S.p.A., Italy); Bressan, Enrico (Special Commissioner for the socio-economic and environmental emergency); Carecchio, Silvia; Melli, Fausto (Sogesid S.p.A., Italy); Ramieri, Emiliano (Thetis S.p.A.); Simeoni, Patrizia (Special Commissioner for the socio-economic and environmental emergency) The integrated project for the remediation of the "Caffaro" industrial site (Torviscosa–Italy) and the surrounding areas: how to reconcile environmental safeguarding and socio-economical redevelopment
A4-02	Barbier, Arjan; De Brouwer, Ton (ARCADIS, Netherlands); Bax, Donne (RVOB); Zaniboni, Katie; Dols, Pieter (ARCADIS, Netherlands) Soil and Groundwater Site Investigation of a High Profile Military Production and Testing Site in the Netherlands; Conceptual Site Model as a Tool
A4-03	Fiúza, António; Abílio Cavalheiro (CIGAR, Portugal), Aurora Silva (CIGAR & REQUIMTE, Portugal), Cristina Coelho, Francisco Costa (CIFIAL, Portugal) A strategie for remediating a deep contamination of TCE
A4-04	McFarland, Ross; David L. Dangerfield (AECOM, Australia) When fibre is not good for you
A4-05	Nadal, M. Luisa; Ona Raventós, Jordi Boronat (MediTerra Consultors Ambientals, s.l., Spain) Contaminated shooting range investigation & remediation: a true case
A4-06	Paglietti, F., V. Di Molfetta, S.Malinconico, M. Giangrasso (ISPESL (DIPIA), Italy) Safety Procedures during Restoration in Mining and Quarrying Areas
A4-07	Pensaert, Stany; De Clercq, Bartel (DEC NV, Belgium) Carcoke Zeebrugge: remediation of a former coking works
A4-08	Valkenburg, John; Molin, Josephine (Adventus Europe, USA) In Situ Chemical Reduction for Groundwater Chromium Stabilization in a Complex Geologic Environment
A4-09	van der Meulen, E. Suzanne (Deltares, Netherlands) SOILECTION: Decision support tool provides in situ soil remediation experience database
Theme A5 – Complete Cases of Restoration of Sites	
A5-01	Ketelaars, Mieke (Wout Snijders Deltares Unit Verkenningen en Beleid, The Netherlands) Another look at dredgings: a welcome reuse of dredging materials
A5-02	Mühlbachová Gabriela (Crop Research Institute, Czech Republic) Microbial biomass and activities in soils amended with pond sediments
A5-03	Pensaert, Stany (DEC NV, Belgium) Innovative non cement based approach to stabilisation/solidification of soils and sediments
A5-04	Petsonk, Andrew; Land, Magnus (WSP Environmental, Sweden) Ebullition of Gases and Gaseous Mercury from Contaminated Sediments at Tollare, Sweden

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Theme B – NEW FUNCTIONS OF THE SUBSURFACE			
B-01	De Lary, Louis; Bouc, Olivier (BRGM, France)	Potential impacts on ecosystems of leaks from CO ₂ geological storage reservoirs	
B-02	Lijzen, Johannes; Lukacs, Saskia (RIVM, Netherlands); Boersma, Anja (Oersprong); Mesman, Miranda (RIVM)	Cradle to Cradle (C2C) as an inspiration for sustainable soil use	
B-03	Mirgorodsky, Daniel; Delphine Ollivier, Dirk Merten, Georg Büchel (Friedrich Schiller University Jena, Germany)	Phytoremediation for soils contaminated with radionuclides and heavy metals	
B-04	Rohmer, Jeremy; Thomas LeGuenan, Arnaud Reveillere, Chan Quang Vong (BRGM, France)	Remediation of CO ₂ leakage from deep saline aquifer storage based on reservoir and pollution engineering techniques	
B-05	Szabo, Peter; Peter Daniel Szabo (Megaterra Ltd., Hungary)	Pre-laboralis soil gas analysis as a useful tool for the assessment of soil and groundwater contamination	
Theme C – SUSTAINABLE MANAGEMENT OF THE SUBSURFACE			
Theme C1 – Policies on Soil-Water Systems			
C1-01	Bardos, Paul (r3 environmental technology ltd, UK)	The SuRF-UK sustainable remediation framework and illustrative case studies	
C1-02	Cermak, Jan (Czech Association for Landscape Water Management, Czech Republic), Lenka Wimmerova (DEKONTA, a.s., Czech Republic)	TP SWR – Technology Platform on Sustainable Water Resources	
C1-03	Espinola Cazorla, Manuel Roberto; Orejudo Ramirez, Emilio; Rovira Castellvi, Marta (Agencia Catalana de l'Aigua, Spain)	Technical protocol for groundwater restoration in aquifers polluted by petrol stations	
C1-04	Haemers, Jan (L&C – Thermo+, Belgium)	Scoring tool and methodology for comparing remediation projects	
C1-05	Huppunen, Jukka; Olli Lehtovaara (Ramboll Finland Oy, Finland)	Financial impacts of environmental accident remediation	
C1-06	Le Guern, Cécile; Pierre Conil, Vivien Baudouin (BRGM, France), Chantal Gloaguen, Armelle Sadir (DDASS, France)	Optimising the approach to mapping natural as and PB-content in soils over basement rocks – a methodological test at local scale	
C1-07	McIntosh, Roslyn; Andrew Hursthouse, Mario Hair (University of the West of Scotland, UK / Inverclyde Council)	A difficult decade: land contamination and development management: A UK regulators perspective	
C1-08	Nielsen, Pernille; M. Luisa Nadal, Jordi Boronat (MediTerra Consultors Ambientals, Spain)	Risk management as a decision support tool in a property transaction	
C1-09	Orejudo, Emilio; Manuel Roberto Espínola, Marta Rovira (Catalan Water Agency, Spain), Vicenç Martí, Joan De Pablo, Miquel Rovira	Technical protocol for groundwater restoration in aquifers polluted by petrol stations.	
C1-10	Orejudo, Emilio; Manuel Roberto Espínola, Marta Rovira (Catalan Water Agency, Spain), Vicenç Martí, Joan De Pablo, Miquel Rovira (CTM, Spain)	Generic values for groundwater restoration in aquifers contaminated by point sources.	
C1-11	Thomas, Alan; Waters, John (ERM, UK)	The role of risk assessment in sustainable remediation - a review of findings of the NICOLE workgroup	
Theme C2 – Functions & Values of Soil-Water Systems			
C2-01	Antsyshkina, Nina (Russian Federal Nuclear Center – Russian Research Institute of Experimental Physics (RFNC-VNIIEF); Denisova, Alexandra; Halilova, Aigul; Nekljudov, Sergey; Sharonova, Natalia; Archipova, Natalia (Kazan State University, Russia)	Phytotoxicity of hydrocarbon-contaminated leached chernozem for maize plants	
C2-02	Gaffron, Anne; Hirsch, Markus; Weiß, Holger (Helmholtz Centre for Environmental Research – UFZ, Germany)	Electrical resistivity measurements to estimate groundwater recharge potential of Latosolos in Brasília.	
C2-03	Whelan, Amii; Cedric Kechavarzi, Ruben Sakrabani, Frederic Coulon (Cranfield University, UK)	The influence of compost addition on the hydraulic properties of brownfield soils	
Theme C3 – Fate, Risks & Impacts of Contaminants			
C3-01	Apollo, G.; C. Pozzi, G. Longoni, C. Marchi, M. Meregaglia, R. Ruggeri, E. Sezenna (AMEC Earth & Environmental, Italy)	Modelization of vapor emission from soil and groundwater as a screening tool to evaluate potential exposure levels during construction works	
C3-02	Brand, Ellen; Lijzen, Johannes; Otte, Piet (RIVM, Netherlands)	Modelling volatile compounds with VOLASOIL 2010	
C3-03	Geloni, Claudio (Saipem SpA, Italy); Ilaria Baneschi (Institute for Geosciences and Earth Resources, Italy), Alfredo Battistelli (Saipem SpA, Italy), Massimo Guidi (Institute for Geosciences and Earth Resources, Italy), Leonardo Patata (Saipem SpA, Italy)	Injection of treated leachate in a phosphogypsum landfill: evaluation of well performances through reactive transport modelling	
C3-04	Hajdu, Csilla; Katalin Gruiz, Monika Molnar, Zsuzsanna Bertalan (Budapest University of Technology and Economics, Hungary)	Evaluation and interpretation of toxicity: 4-Chlorophenol equivalent for organic contaminants	
C3-05	Hiester, Uwe; Schrenk, Volker (reconsite – TTI GmbH, Germany)	Simplified rating of sustainable remediation methods for Brownfield redevelopment projects (BRPs)	

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C3-06	Hintzen, Ulrike (HPC AG, Duisburg, Germany); Dr. Frank Karg (HPC Envirotec S.A., France) TERQ (Transparent Toxicological Exposure Risk Quantification): Site-specific Health Risk Assessments and Definition of Remediation Goals for taking into account the multiple site specific Pollutant Exposure as Man-agement Tool for Environmental & Health Compliance and Investment Safety
C3-07	Jubany I., Meca S. (CTM, Spain), Pérez R. (Technical University of Catalonia, Spain), Martí V. (CTM, Spain), Cortina J.L., González S. (CETAQUA, Spain) Screening indicators of stress and risk in fluvial ecosystems
C3-08	Karg, Frank (HPC Envirotec SA, France) Health risk assessment methodologies for financial and legal safety in case of contaminated site real estate development
C3-09	Karg, Frank (HPC Envirotec SA, France) Site investigation and risk assessment concerning sites polluted by military chemicals
C3-10	Karg, Frank (HPC Envirotec SA, France); Ulrike Hintzen (HPC AG, Duisburg, Germany), Christian Gikopoulos (HPC Austria) Site specific TERQ: toxicological exposure risk quantification & assessment concerning a multi-pollutant residential exposure scenario on a former carbo-chemistry industrial site: case study in Austria
C3-11	Leglize, Pierre; Ouvrard, Stephanie; Barnier, Christophe (INPL, France) Factors explaining PAHs availability in a former coking plant soil
C3-12	Lijzen, Johannes P.A.; Eric M.J Verbruggen (RIVM, Netherlands), Jaap-Willem Hutter (Alcontrol) Implementation of Risk based assessment of Total Petroleum Hydrocarbons in soil
C3-13	Longoni, Giovanni (AMEC Earth & Environmental, Italy); Sabrina Saponaro, Elena Sezenna (Politecnico di Milano, Italy) Hg emission at a polluted site: measured data versus calculated values
C3-14	Martínez-Sánchez, M.J.; M.L. García-Lorenzo, J. Molina-Ruiz, M.L. Tudela, M. Hernández-Córdoba, C. Pérez-Sirvent (University of Murcia, Spain) Use of bioassay test for the environmental evaluation of mining residues and their leachates: the singular case of the Portman Bay (SE, Spain)
C3-15	Mellendorf, Maren; Watzinger, Andrea; Huber-Humer, Marion; Gamperling, Oliver; Huber, Pia; Gerzabek, Martin (University of Natural Resources and Applied Life Sciences, Austria) Biomonitoring of waste materials during in-situ aeration using PLFA, PLEL and respiratory quinone analysis
C3-16	Michel, Julien, Denys, Sébastien (INERIS, France); Simonnot, Marie-Odile (LRGP) PAH and heavy metal transport in a polluted soil: is there an alternative to field scale experiments?
C3-17	Morando, Marco; Elena, Leide; Stefania, Fusco (NCE Srl, Italy) Inhalation of vapor from contaminated soil in indoor air: a technical tool to assist in modeling soil-gas and indoor air concentrations based on a simple statistical approach
C3-18	Ouvrard, Stephanie (INPL, France); Faure, Pierre (G2R); Guimont, Sophie; Renat, Jean Christophe (TVD); Setier, Jean Claude (TOTAL); Schwartz, Christophe (INPLP) Lysimetric study for environmental impact assessment of a treated soil
C3-19	Rodríguez-Oroz, Delia; Lasheras, Esther; Aldabe, Janire; Elustondo, David; Garrigó, Jordi (University of Navarra, Spain) Mobility of heavy metals and distribution coefficients in natural acid soils
C3-20	Spijker, Job (RIVM, Netherlands); Comans, Rob; Dijkstra, Joris (ECN, Netherlands); Bert-Jan Groenenberg (Alterra); Anja Verschoor Johannes Lijzen ((RIVM, Netherlands) Modelling the leaching from diffusely contaminated soils towards groundwater
C3-21	Takeshi, Sato; Masahiko Katoh, Shiramizu Masakazu (Gifu University, Japan), Tetsuo Tuji (Nanki Construction Cooperation, Japan) Wood ash recyclings for restoration of chemical and biological condition in forest soil
C3-22	Thiam, Amadou; Gay, Guillaume; Rollin, Claire; Hulot, Corrine; Hazebrouck, Benoît (INERIS, France) Transfer of chlorinated volatile organic compounds from soil and groundwater into indoor air buildings
C3-23	Vaszita, Emese; Gruiz, Katalin (Budapest University of Technology and Economics, Hungary) Scoring based Risk Assessment in an abandoned base metal sulphide mining area
C3-24	Verschoor, Anja; Lijzen, Johannes; Cleven, Rob (RIVM, Netherlands); Comans, Rob (ECN) Deriving Emission limit values for inorganic compounds in building materials for the Dutch Soil Quality Decree
Theme D – MANAGEMENT OF CONTAMINATION AT REGIONAL SCALE	
D-01	Amezcuca-Allieri, Myriam Adela, Soto-Galera, Ernesto (Instituto Mexicano Del Petróleo, Mexico) Environmental Performance Indicators for Soil used by the Mexican Oil Industry
D-02	Appasamy, Danen; Clive Roberts, Craig Williams (University of Wolverhampton, UK) Physical and chemical characterisation of canal sediments and their potential remediation using zeolites
D-03	Beruashvili, Tsira; Svanidze, Zizi (Georgian Technical University); Shulze, Nina (OWT OstWestTransfer, Germany) Development of new environmentally friendly technology for treatment of geothermal water
D-04	Bonnemains, Jacky (Association Robin des Bois, France) Contaminated sites in the Arctic Circle
D-05	Cave, Mark, Wragg, Joanna (British Geological Survey, UK) A Comparison of the Performance of two in-vitro Bioaccessibility Tests for Human Ingestion of Soils
D-06	Clarke, Michele (University of Nottingham, UK), <u>Marat A. Karatayev</u> (Al-Farabi Kazakh National University, Kazakhstan) Air Pollution Impacts on Human Health: Focusing on the Rudnyi Altay Industrial Area

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D-07	Dobhal, Rajendra (Uttarakhand State Council for Science and Technology, India), Prashant Singh, Shweta Tyagi, Bhavtosh Sharma (DAV (PG) College, India), Rakesh Singh (DBS (PG) College, India), S.K. Sharma, S.K.Gupta (Uttarakhand Jal Sansthan, India) Bio-monitoring of raw and supply waters of 13 districts of Uttarakhand state
D-08	Dols, Pieter, Slenders, Hans; Verburg, Rachelle (ARCADIS, Netherlands); van den Berg, Henk; van Denter, Brenda; van Gennip, Frank; de Vries, Albert (Municipality of Utrecht, Netherlands) Facilitating sustainable development in the centre of Utrecht; using the synergy between groundwater energy and remediation in a Groundwater Management Zone
D-09	Georgi, Anett, Gonzalez-Olmos, Rafael; Köhler, Robert; Kopinke, Frank-Dieter (Helmholtz Centre for Environmental Research – UFZ, Germany) Effective combination of adsorption and oxidation processes based on specific zeolites for the treatment of contaminated groundwater
D-10	Ibáñez, R.; J. Pinedo (Universidad de Cantabria, Spain), P. Gómez (APRIA SYSTEMS LTD., Spain), I. Ortiz (Universidad de Cantabria, Spain) Study of the environmental risk assessment of hydrocarbon storage activity through the characterization of the presence of characteristic pollutants in soil and their transport to receptors in the Cantabria community (Spain)
D-11	Kalderis, Dimitrios (Technological and Educational Institute of Crete, Greece); Albert Juhasz (University of South Australia), Raj Boopathy (Nicholls State University, USA), Steve Comfort (University of Nebraska, USA) Soils contaminated with explosives: Environmental risk assessment and evaluation of state-of-the-art treatment processes
D-12	Labeeuw, Veerle (OVAM / CityChlor Interreg Project, Belgium); Duclos, Yves (ADEME, France); Hazebrouck, Benoît (INERIS, France); Kirchholtes, Hermann Josef (Landeshauptstadt Stuttgart, Germany); Mars, Jan Frank (Bodem+, Netherlands); Gier, Sabine (ITVA); Verhenne, Jo (City of Gent, Belgium); Mertens, Erik (City of Mortsel) de Vries, Albert (Gemeente Utrecht, Netherlands); Van Goidsenhoven, Bert (OVAM, Belgium) CityChlor: tackling urban soil and groundwater contamination caused by chlorinated solvents
D-13	Lud, Daniela (Taww GmbH, Germany) Vapour intrusion contributing factors – truth behind modelling?
D-14	Mackenzie, Robin (The Environment Service, UK); Paul Nathanail (University of Nottingham, UK) Progress in and barriers to voluntary and regulator required remediation of land affected by contamination in Scotland
D-15	Mirgorodsky, D.; D. Ollivier, D. Merten, G. Büchel (Friedrich-Schiller University, Jena, Germany), S. Willscher, J. Wittig, L. Jablonski, P. Werner (Technical University Dresden, Germany) Phytoremediation experiments at a former uranium mining area with slight heavy metal contamination
D-16	Petzold, Ekkehard (Germany) Soil remediation and natural attenuation
D-17	Reichenauer, Thomas, Friesl-Hanl, Wolfgang (Austrian Institute of Technology – AIT, Austria); Timo, Dörrie (Environmental Protection Agency, Austria), Eva Edelmann, Andreas, Loibner (BFE), Dietmar, Müller (Environmental Protection Agency, Austria), Heinz, Hofer (Seibersdorf Laboratories, Austria) Introducing the characterization of human health risks by site-specific exposure assessment to Austria
D-18	Rüegg, Kaspar; Morten Bondgaard (Central Denmark Region) Central Denmark Region – Department of Soil and Natural Resources (Region Midtjylland – Jord og Råstoffer)
D-19	Sadunishvili, Tinatin; Khatishashvili, Gia; Kvesitadze, Edisher; Kutateladze, Lali; Amiranashvili, Lia (Durmishidze Institute of Biochemistry and Biotechnology) Novel strategy for remediation of soils in Georgia in case of oil pipelines spills
D-20	Svanidze, Zizi; Beruashvili, Tsira; Gogichashvili, Borisi; Svanidze, Lili (Georgian Technical University) Regeneration of a soil by using natural sorbents and research on the possibilities of using the minerals poor in the carbonate as the fertilizer
D-21	Svanidze, Zizi; Boris Gogichashvili, Lili Svanidze (Technical University of Georgia), Tsiuri Beruashvili (Tbilisi State University) Soil regeneration by utilizing natural sorbent and the research on the possibility of using the carbonate ore of the poor manganese as a fertilizer
D-22	van de Wiele, Katrien, Kindt, Vincent, Wille, Eddy (OVAM - Public Waste Agency of Flanders, Belgium) Risk management of the regional groundwater contamination in Vilvoorde - Machelen
D-23	Willscher, S. (TU Dresden, Germany), T. Hertwig (BEAK Consultants GmbH, Germany), M. Frenzel (Chemnitz, Germany), M. Felix (Saxonian State Department of Environment, Agriculture and Geology, Germany) Investigation of different hard coal overburden and tailings dumps, and conditions for their stabilization
D-24	Wintersen, Arjen, Posthuma, Leo (RIVM, Netherlands) Comprehensive Uniform Approaches and Instruments for Regional and Local Risk Assessments of Polluted Sites
D-25	Wragg, Joanna; Cave, Mark (British Geological Survey, UK) Development of Methodologies for Health Risk Evaluation Tools using Geochemical Data from Urban Soils
Special Session (SpS) 10 – RUSSIA AND OTHER CIS COUNTRIES	
SpS10-1	Filonov, Andrey; Lenar Akhmetov, Lyubov Krylova, Saviz Mortazavi Eco-friendly technology of nickel bioleaching with moderate acidophilic bacteria
SpS10-2	Yakovleva, Lyudmila V.; Mikhail A. Ilyushchenko (AIPET, Kazakhstan) Experience of demercurization of chlor-alkali and acetaldehyde productions in Kazakhstan
SpS10-3	Zharikov G.A., Kapranov V.V., Marchenko A.I. (State Research Center for Toxicology and Hygienic Regulation of Biopreparations, Russia), Leontievsky A. A. (Skryabin Institute of Biochemistry and Physiology of Microorganisms at RAS, Russia), Medvedeva N.G. (Scientific Research Center for Ecological Safety at RAS, Russia) Innovations technologies for bioremediation of soils contaminated by toxic chemical compounds