

List of posters ConSoil 2008

Theme A: Policies on soil-water systems (strategies, legislation, regulations, guidelines, etc.)

No.	Posters Theme A	PhD student's work
A-01	Bleicher, Gross (Helmholtz Centre for Environmental Research – UFZ, Germany) Cleaning up the mess: governance strategies in the revitalization of contaminated land in Germany	
A-02	D'Aprile (APAT, Italy), Berardi (ISPESL, Italy) Identification and validation of sensitive parameters for site specific risk assessment at contaminated sites	
A-03	Dijkstra, van der Sloot, Comans (Energy Research Centre of the Netherlands (ECN), NL) A generally applicable approach for the assessment of environmental impact of contaminant release from contaminated soils, sediments, construction products and waste, based on horizontal test methods in combination with modelling instruments	
A-04	Geysen, Dries, Van Dyck (OVAM, Belgium), De Ruijter, Schouten (ABdK, Belgium) Agriculture in a polluted area: BeNeKempen, a case study in Flanders and the Netherlands	
A-05	Geysen, Dries, Van Dyck (OVAM, Belgium), Kamsma, Schouten (ABdK, Belgium) Management of public roads and private properties contaminated with metal containing ashes	
A-06	Gregoir, De Naeyer, Van Dyck (OVAM, Belgium) OVAM Guideline for in-situ anaerobic bioremediation of VOC's	
A-07	Luyten, Caers, Struyve, Ceenaeme (OVAM, Belgium), Vandamm (Local Authority Liedekerke, Belgium) Soil investigation in industrial estates: a participatory approach	
A-08	---	
A-09	---	
A-10	Martí, De Pablo, Calderer, Martínez-Lladó, Rovira (Universitat Politècnica de Catalunya, CTM, Soain), Domènech, Realp, Marquez, Latres (Generalitat de Catalunya, Spain) Influence of background element sources and the contiguity of scenarios on guideline values for human health protection	
A-11	---	
A-12	Otte, Mesman, Zijp (RIVM, NL), de Cleen (VROM/NL), Verheul (Soil+ Senter Novem, NL) Ambitions for local soil quality. The route planner	
A-13	Quintana, Susaeta, Menger, González (IHOBE, S.A., Spain), Agirre (Basque Government, Spain), Cesarz, González, López, Monge, Sagarduy (IDOM Ingeniería y Consultoría, Spain), García, Bustamante (MAS Abogados, Spain) Reference Framework for the reutilization of waste in contact with soil in the Basque Country (Spain)	
A-14	Rügner, Bittens (Helmholtz Centre for Environmental Research – UFZ, Germany), Finkel (University of Tübingen, Germany) Application of monitored natural attenuation in contaminated land management – a review and recommended approach for Europe	
A-15	Salhotra (Risk Assessment & Management (RAM) Group, Inc., USA) Lessons learned over twenty years of experience in the development and application of risk based decision making process for the management of contaminated sites	
A-16	---	
A-17	Struyve, Caers, Plingers, Ceenaeme (OVAM, Belgium) Soil contamination in residential areas: policy in Flanders	
A-18	Tae-Seung Kim, Jeong-Ki Yoon, Jong-Gyum Park, Ig-Chun Eom (National Institute of Environmental Research (NIER), Korea) Korean legal and management schemes for soil contaminants	
A-19	Tuomainen (Finnish Environment Institute, Finland) Complementary schemes for financing remediation projects	Yes
A-20	Van de Wiele, Maebe, De Naeyer, Van Dyck (OVAM, Belgium) Risk management of the regional groundwater contamination for the brownfield project in Vilvoorde – Machelen	
A-21	Van Gestel, Dries (OVAM, Belgium), Cornelis (VITO, Belgium), Kuppens (ABdK, NL), Swartjes (RIVM, NL) Harmonization of risk assessment models for a cross-boundary soil contamination problem	
A-22	Wahlström, Laine-Ylijoki, Kaartinen, Rautiainen (VTT, Finland), Hjelmar, Oberender (DHI Water, Environment & Health, Denmark), Bendz, Wik (SGI Sweden), Gustafsson (SP, Sweden), Engelsen (SINTEF, Norway), Birgisdóttir (Línuhönnun, Iceland) General guidelines for environmental assessment related to CE-marking of construction products – test methods and regional requirements	
A-23	---	
A-24	Zijp, Otte, (RIVM, NL) Contaminated groundwater: policy and risk assessment	

Theme B: Functions & values of soil-water systems; understanding of processes

No.	Posters Theme B	PhD student's work
B-01	---	
B-02	---	
B-03	Contini, Locatelli, Manzone, Lazovic (Golder Associates, Italy) Hydrogeological study for the design of a groundwater extraction wells system in an urban area	
B-04	Fasoli, Gangemi, Arduini, Valentini, Pistocchi, Marelli (Provincia di Milano, Italy) GIS software for forecast modelling of flux and pollutants' transport in aquifers	
B-05	Frogner Kockum, Bendz, Suér (Swedish Geotechnical Institute SGI, Sweden) The use of bone meal as a filter material to immobilize metals from leachate originating from landfills or mining waste	
B-06	Kvesitadze, Khatisashvili, Sadunishvili, Gagelidze, Kharebashvili (Durmishidze Institute of Biochemistry and Biotechnology, Georgia), Ramsden (Cranfield University at Silsoe, UK) On the strategy of ecological guarantee of oil pipelines	
B-07	---	
B-08	Martí, Rovira, de Pablo (UPC, CTM, Spain), Cortina, Portella (Technical University of Catalonia, Spain) Evaluation of the measurement of petroleum hydrocarbon vapours in UST spills by using photoionization detector: sensitivity, selectivity and implications in risk measurement	
B-09	---	
B-10	Quemeneur, Joubert, Garrido, Joulian (BRGM, France), Jauzein (Université Henri Poincaré Nancy – LIMOS, France) Bacterial community dynamic and potential arsenic biotransformation in industrial contaminated soil leachates	Yes
B-11	Rügner (Helmholtz Centre for Environmental Research – UFZ, Germany), Maier, Grathwohl (University of Tuebingen, Germany) Effective transverse mixing parameters for field scale assessment of natural attenuation rates of ammonium	
B-12	Sadunishvili, Mithaishvili, Kvesitadze (Durmishidze Institute of Biochemistry and Biotechnology, Georgia) Uptake and degradation of aromatic compounds by higher plants	
B-13	Scheifler, Douay, Fritsch, Coeurdassier, Dallinger, Raoul, Giraudoux, de Vauflery (University of Franche-Comté, France), Sappin-Didier (Centre d'Etudes Biologiques de Chizé, France), Martin (University of Nantes, France), Boireau (University of Innsbruck, Austria), Chastel (CNRS Chizé, France), Faivre (University of Bourgogne, France), Cosson (University of Grenoble, France), Manceau (Soil Plant Transfer and Cycle of Nutrients and Trace elements, UMR INRA, France), Grand (ADEME DSS, France) Bioavailability, transfers and effects of trace metal elements (TME) in food webs of a terrestrial ecosystem: changes of spatial distribution and changes of biological level	
B-14	Tejada, García-Martínez, Parrado (University of Sevilla, Spain) Influence of organic wastes on the soil losses and runoff water quality	
B-15	Wik, Suer, Bendz, Hemström (Swedish Geotechnical Institute, Sweden) ANC/BNC in Swedish soils – implications for contaminant mobility	
B-16	Zacharias, Dietrich, Teutsch, Vogel, Seppelt, Schulz, Borchardt, Klotz, Messner (Helmholtz Centre for Environmental Research – UFZ, Germany) TERENO – Methodical approach for the implementation of a terrestrial observatory for environmental research in Central Germany	

Theme C: Site Investigation: Monitoring & Screening

No.	Posters Theme C	PhD student's work
C-01	Albergaria, Delerue Matos (REQUIMTE, Portugal), Alvim Ferraz (Universidade do Porto, Portugal) Previewing contaminant distribution in soils	Yes
C-02	Alberti, Francani, Trefiletti (Politecnico di Milano, Italy), Leale (URS Italia, Italy) Chlorobenzenes isotopic fractionation indicating different contaminant sources	
C-03	Araneo, Fratini, Guerra, Pascarella, Reali, Zampetti (APAT (Italian Environmental Protection Agency), Italy) Contamination of sediments of the water courses belonging to the Sarno river basin and relationship with the anthropogenic characters of the basin	
C-04	Araneo, Fratini, Guerra, Pascarella, Zampetti (APAT (Italian Environmental Protection Agency), Italy) Background levels of dioxins and PCB _{dl} in Campania, southern Italy	
C-05	Ausili, Bianchi, Sesta, Tornato, Zonedda (ICRAM, Italy) Analytical issues associated with the determination of environmental pollutants in the marine sediment matrix: comparison of the results from different laboratories	
C-06	Bartolucci, Fratini, Guerra (Italian Environmental Protection Agency, Italy) Background values of metals and metalloids in soils of sites of national interest: operative guidelines and case study	
C-07	Bender, Braun, Klute (Björnson Beratende Ingenieure GmbH, Germany), Eichelmann (PBU GmbH, Germany) Hekel (Ingenieurgesellschaft Dr. Eisele mbH, Germany), Sonntag (Landratsamt Ravensburg, Germany), Braun (Stadt Ravensburg, Germany) Experiences from using an inversion technique on the basis of numerical modelling for the evaluation of pumping tests to investigate groundwater contamination plumes and identify source areas	

No.	Posters Theme C	PhD student's work
C-08	Bogte, Versluijs (RIVM, The Netherlands) Monitoring soil remediation in the Netherlands	
C-09	Bonnard, Bour (INERIS, France) Comparison of lead concentration in surface soil by Inducted Coupled Plasma/Optical Emission Spectrometry and X-ray fluorescence	
C-10	Bozzano, Petitta, Petrangeli Papini, Leccese, Viotti (SAPIENZA University of Rome, Italy) Optimization of remediation actions in a multilayer aquifer by mathematical model simulation	
C-11	Calace, Fratini, Guerra, Pascarella, Zampetti (APAT (Italian Environmental Protection Agency), Italy) Manual for the environmental investigation at contaminated sites	
C-12	Càliz, Vila, Montserrat (Universitat de Girona, Spain), Sierra, Martí, Sánchez, Cruañas, Garau (Universitat de Barcelona, Spain) Assessing the most usual methods to conserve soil samples in laboratory (air-drying, refrigeration and freeze) by respirometric and molecular approaches	
C-13	Corbani, Baiguini, De Palma (URS Italia S.p.A., Italy) Finding relationships between the state of a sewer network and subsurface pollution using GIS tools	
C-14	Facchinelli, Folin (University of Torino, Italy), Danesino, Sacchi (University of Pavia, Italy), Tiepolo, Vannucci (CNR-IGG, Italy) Dendroanalytical dating of atmospheric pollution events with LA-ICP-MS: a case study from Villadossola (VCO, Italy)	Yes
C-15	Falkenberg (NIRAS, Denmark), Jørgensen, Bestawrow (Copenhagen Energy, Denmark) Importance of site history and sampling statistics to manage uncertainty and reduce costs at gasworks built on reclaimed land	
C-16	Grøn, Bjerre Hansen, Oberender (DHI, Denmark), Wahlström, Laine-Ylijoki (VTT, Finland), Nordbäck (Swedish Geotechnical Institute, Sweden), Sørensen (Via Universtiy College, Denmark), Storhaug (Aquateam AS, Norway) Training of samplers, the next step in improving site investigations	
C-17	Groudeva, Kujumdjeva (University of Sofia, Bulgaria) Microbial colonization of the Thracian volts and methods for prevention	
C-18	Harpke (Landesanstalt für Altlastenfreistellung Sachsen-Anhalt, Germany), Weiss, Dietrich, Müller (Helmholtz Centre for Environmental Research – UFZ, Germany), Dahmke (Christian Albrechts University of Kiel, Germany), Dorausch (Mitteldeutsche Sanierungs- und Entsorgungsgesellschaft mbH, Germany), Grossmann, Laudel (Großmann Ingenieur Consult, Germany), Menschner (CDM AG, Germany), Nitsche (Boden- und Grundwasserlabor GmbH, Germany) Evaluation of air sparging using in-situ measurements and direct-push monitoring techniques	Yes
C-19	Hekel, Osberghaus (HPC-AG, Germany), Eichelmann (Berghof Analytik + Umweltengineering GmbH, Germany), Bender (Bjørnsen Beratende Ingenieure GmbH, Germany), Braun (Stadt Ravensburg, Germany), Sonntag (Landratsamt Ravensburg, Germany), Hahn (Landesanstalt für Umwelt, Messungen und Naturschutz Baden-Württemberg, Germany) Integrated management of contaminated sites - Integral investigation in Ravensburg, southwest Germany	
C-20	Hiroko Yamada (Contig-i Co.Ltd., Japan), Takeshi Sato, Kazuhiro Takamizawa (Gifu University, Japan) Tailor-made bioremediation for Kerosene contaminated groundwater in Nagano, Japan	
C-21	Hirsch, Weiß, Dietrich (UFZ, Germany) Comparison of geophysical methods for foundation localization	Yes
C-22	Hofmann (Austria), Pies (Germany), Yang (China), Ternes (Germany), Achten (Germany) Forensic Identification of PAH in River Floodplain Soils	
C-23	---	
C-24	---	
C-25	Klaas, Heitmann, Skodic (VEGAS, University of Stuttgart, Germany), Rombach, Halla (BERGHOF Analytik und Umweltengineering, Germany) Development of a thermoflow system to detect vertical flow velocities in ground water observation wells	
C-26	Laidler, Metcalfe, Macdiarmid (ATKINS Environment, UK) Provision of expert support to forensic investigations – practical experiences from crime scene sites	
C-27	Locatelli (Golder Associates S.r.l., Italy) GEOMIND: The GEophysical Multilingual INternet-Driven Information Service	
C-28	Longoni, Meregaglia, Morandi, Dixon (AMEC Earth & Environmental, Italy) Use of Triad like approach and innovative real time field measurements for remediation optimization	
C-29	Nathanail, P. (University of Nottingham, Land Quality Management Ltd, UK), J. Nathanail (Land Quality Management Ltd, UK) A standardised approach to conceptual model development and depiction	
C-30	Nebelsick (United States Army Corps of Engineers, USA), Means (United States Environmental Protection Agency, USA) USEPA's superfund contract laboratory program: solving new and emerging challenges in the management of environmental data quality	
C-31	Norrman, Engelke, Wuk (Swedish Geotechnical Institute (SGI), Sweden), Back (Geolnova, Sweden) Methodology for choosing the appropriate sampling strategy in contaminated soil	
C-32	Picken, Perks, Amos (AWE plc, UK) Investigation techniques, old and new, as applied to chlorinated solvent contamination	
C-33	Popov, Kolcha, Kubaev, Tazhmagambetov, Gavrilov "ECOTERA LTD", Almaty, Kazakhstan Modern environment conditions of the Oil Deposit Northern Buzachi according to the monitoring data	Yes

No.	Posters Theme C	PhD student's work
C-34	Riccardi, Di Filippo, Pomata, Incoronato, Di Basilio, Spicaglia (ISPESL/DIPIA, Italy) Distribution of petroleum hydrocarbons in soil from a tank farm site	
C-35	Saadaoui, Jourdain, Falcinelli, Haemers (Deep Green NV, Belgium) Mathematical modeling of thermal conduction in soil in presence of non-aqueous phase liquids for the Thermopile© process description	
C-36	Sacchi, Fornelli Genot, Setti (University of Pavia, Italy), Brenna, Sale, Azzolina, Leoni (ERSAF Lombardia, Italy) A regional survey on heavy metals content in cultivated soils from Lombardy (Italy): results from the RAMET project	
C-37	Soels, Dols (ARCADIS, NL) Environmental challenges during development of a 56 hectare housing plan and a uniform strategy to tackle them	
C-38	Szabó (Megaterra Ltd, Hungary) Chlorinated Hydrocarbons in Groundwater – a new Environmental Problem in Hungary in the Limelight	
C-39	---	
C-40	Tolner, Udvarnagyi and Katalin Gruiz Budapest University of Technology and Economics, Hungary Easy pore water sampling of toxic metal polluted soil	
C-41	Torapava, Davydov, Voronic, Davydov, Zemskova, Basharin (Sosny National Academy of Sciences of Belarus, Belarus), Misaelides (Aristotle University, Greece) Address the question of remediation of radioactively contaminated soil following the accident at NPP or terrorism act	
C-42	---	
C-43	Valladolid, Díaz, San Martin (Wide World Geographic Services S.L., Spain) Development of a Non-intrusive Multi-sensor System for subsurface analysis. Implementation in site investigation studies and sustainable land management	
C-44	Williams (Envirogene Limited, UK), Davis (Microbial Insights, USA), Sublette (University of Tulsa, USA) A new approach to assessing the in situ potential for microbially mediated natural attenuation of groundwater organic pollutants	
C-45	<i>NEW</i> Groot (Deltares/TNO, Netherlands) Effective remediation using contaminant specific characterisation. A Characterisation methodology based on contaminant specific properties and soil distribution	

Theme D: Risks & Impacts

No.	Posters Theme D	PhD student's work
D-01	Aiichiro Fujinaga (Osaka Prefectural College of Technology, Japan), Uchiyama, Morisawa, Yoneda (Kyoto University, Japan), Sasamoto (Construction Co.LTD, Japan) Proposal of a risk management methodology to contaminated sites in Japan	
D-02	Aurelian, Georgescu, Popescu (Research and Development National Institute for Metals and Radioactive Resources-ICPMRR, Romania) Environmental impact assessment of the uranium geologic exploration activity. Case study	
D-03	Baciocchi, Scozza, Verginelli (University of Rome Tor Vergata, Italy), Berardi (ISPESL, Italy), D'Aprile (APAT, Italy) Validation of transport factors equations in tier ii risk analysis models	
D-04	Barrutia, Hernández, Artetxe, Arana, García-Plazaola, Madariaga, Becerril (University of the Basque Country, Spain) Traffic-related trace metal accumulation in soils and vegetation of northern Spain	
D-05	Baykova, Shtamm, Vichutinskaya (Russian Academy of Sciences, Russia) Possible role of Fe-S in toxication of natural waters	Yes
D-06	Beretta, Marangoni, Masetti, Pedretti (Università degli Studi di Milano, Italy) Optimization of a 2D finite element unsaturated flow model in a deep NAPL-contaminated area in Rho (Milan, Italy)	
D-07	Berger, Kalbe, Eckardt, Helm, (Federal Inst. for Materials Res. and Testing (BAM) Berlin, Germany) An approach to estimation of uncertainty arising from sampling	
D-08	Bernáth (Megaterra Ltd, Hungary) Pesticides in the Groundwater – Case Study from Hungary	
D-09	Campioni, Sacilotto, Capelli (ENVIRON Italy S.r.l., Italy) Identifying background groundwater metal concentrations in a mining area – A case study	
D-10	Carlsson, Bendz, Enell (Swedish Geotechnical Institute (SGI), Sweden) Nano scale zero valent iron for remediation of soil contaminated with arsenic and chromium: 2. Oral bioaccessibility and leaching behavior	
D-11	Castillo (IHOBE-Basque Government, Spain), González, Urzelai, Otaegi, Ciprián (LABEIN, Spain) Risk assessment for ecosystems of alluvial plains from an abandoned mining area during its regeneration for recreational use	
D-12	Cave, Taylor, Wragg, Broadway (British Geological Survey, UK) Assessment of the use of dynamic human stomach models for in-vitro measurement of the bioaccessibility	
D-13	---	

No.	Posters Theme D	PhD student's work
D-14	Corazza, Abrão, Nobre Gimenez, Santos Yabe (Universidade Estadual de Londrina, Spain), de Oliveira (Universidade de São Paulo, Brazil) Monte Carlo Method applied to copper transport assessment in river sediment	
D-15	Crestaz, Patata, Tatangelo, Zanini (Snamprogetti SpA (ENI), Italy) 3D density-dependent groundwater flow modelling in assessment and optimization of containment pumping policy – the case study of an Italian coastal chemical plant	
D-16	Debiane, Fontaine, Durand, Grandmougin-Ferjani, Shirali, Lounès-Hadj Sahraoui (Université du Littoral Côte d'Opale, France), Garçon, Verdin (Laboratoire de Recherche en Toxicologie Industrielle et Environnementale, France) Oxidative stress in arbuscular mycorrhizal and non-mycorrhizal chicory roots subjected to PAH pollution	Yes
D-17	Dorransoro, Sierra, Roca, Aguilar (University of Grenada, Spain) Mineral alteration and neof ormation of heavy metals in pyritic mine spills from an accident in Aznalcollar (SW Spain)	
D-18	Elgh-Dalgreen, Düker, van Hees (Örebro University, Sweden) Recycling of remediated soil – evaluation of leaching tests as tools for classification	
D-19	Ermakova, Shushkova, Leontievsky (RAS, Russia) Bioavailability of glyphosate in soil	
D-20	---	
D-21	Falkenberg (NIRAS, Denmark), Jannerup (Region Sjælland, Denmark) Creating order in the face of chemical diversity – hazard identification and risk assessment for a former industrial chemical plant	
D-22	---	
D-23	Gay, Hazebrouck (INERIS, France), Provoost (RIVM, NL), Bakker, Lijzen, Hulot (VITO, Belgium) Vapor emissions from contaminated soils into buildings: development of the multilayer version of the VOLASOIL model for a depleting source	
D-24	Giaramida, Prosperi (MWH, Italy), Tamburini (BATTELLE, Switzerland) Bench scale and pilot test implementation to address chloromethanes impact within an operating pharmaceutical plant	
D-25	---	
D-26	---	
D-27	Hajdu, Gruiz (Budapest University of Technology and Economics, Hungary), Fenyvesi (Cyclolab Cyclodextrin R&D Laboratory Ltd., Hungary) Cyclodextrin-enhanced mutagenicity of pentachlorophenol	
D-28	Hemström, Toomväli, Wik (Swedish Geotechnical Institute (SGI), Sweden), Breitholtz, Stiernström (Stockholm University, Sweden) Preparation of eluates and evaluation of a biotest battery for ecotoxicological characterisation of waste	
D-29	Hofmann (Austria), Vd Kammer (Austria), Ottofülling (Austria) Risk Assessment of Engineered Nanoparticles in Aquatic Environments	
D-30	Isosaari, Parviainen (Helsinki University of Technology, Finland) Arsenic leaching from a mining site	
D-31	Loso, Vedagiri, Lehman, Kontonickas, Malsberger (URS Corporation, USA) Ecological risk assessment and remediation at Union Creek, Travis AFB, California	
D-32	Maboeta, (North-West University, South Africa), A. Reinecke, S. Reinecke (University of Stellenbosch, South Africa), Odendaal, Snyman (Cape Peninsula University of Technology, South Africa) Incorporating biomarkers in the assessment of risks of chemical contaminants towards South African soil diversity	
D-33	Maboeta, Claassens, van Rensburg, van Wyk, van Rensburg (North-West University, South Africa) Assessing the effects of platinum mining: the use of biological indicators in soil ecotoxicology	
D-34	Magee, Chappel, Haines (AMEC Earth & Environmental, USA), Longoni, Livio (AMEC Earth & Environmental, Italy) Population screening-level risk assessment of nasal tumors due to naphthalene exposure	
D-35	Magee, Penn, (AMEC Earth & Environmental, USA), Longoni, Livio (AMEC Earth & Environmental, Italy) Typical levels of tetrachloroethylene and trichloroethylene in residential indoor air	
D-36	Martí, De Pablo, Jiménez, Martínez-Lladó, Calderer, Rovira (Universitat Politècnica de Catalunya, Spain), Domènech, Realp, Marquez, Latres (Generalitat de Catalunya, Spain), Tarazona, Carbonell (INIA, Spain) Study of alternative approaches to calculate guideline concentrations of elements in soil protective for ecosystem	
D-37	Martí, Jiménez, de Pablo (Technical University of Catalonia, CTM, Spain) Ecological risk assessment of river basin due to contaminated sediments: preliminary results from the case of flix in Ebro river (Spain)	
D-38	Martí, Sánchez, Sierra, Cruañas, Garau (Lab Edafologia, Fac. Farmàcia, Spain) Ecotoxicity of metal pollution of soils as affected by soil type. Dose-response assessment and PNEC values	Yes
D-39	Massabò, Fedi, Paladino (University of Genoa, Italy), Catania (Fisia Italimpianti S.p.a., Italy) Use of lysimeters for probabilistic ecological risk assessment of nitrate contaminated groundwater in agricultural areas	
D-40	Michel, Simonnot (CNRS-ENSIC-INPL, France), Denys (INERIS, France), Ouvrard (INPL-INRA, France) Influence of heavy metals on PAH sorption onto soils	Yes
D-41	Mori, Poli, Ronchini, Sacchetti, Vignali (ERM Italy S.p.A., Italy) Background levels evaluation: two case studies concerning metals in soils	

No.	Posters Theme D	PhD student's work
D-42	Motta, Di Paolo, Casadei (URS Italia S.p.A., Italy), Cottica (Fondazione Salvatore Maugeri – Centro Ricerche Ambientali di Padova, Italy) Vapor inhalation exposure assessment at a portion of a refinery under redevelopment	
D-43	Moutier, Halen (SPAQuE, Belgium) Lessons learned from six years of working with risk-based soil quality standards developed for contaminated land management in Wallonia, Belgium	
D-44	Ngo, Simonnot, Latifi (CNRS – ENSIC, France) Modelling and simulation of water and PAH transport in soil lysimeters	Yes
D-45	Orejudo, Mora, Carnicero (Agència Catalana De L' Aigua, Spain), Martí, López, De Pablo, Rovira (UPC, CTM, Spain) Simplified methodology for the sensitivity analysis of guideline values applied to water	
D-46	---	
D-47	Picone (Wageningen University, TNO, NL), Grotenhuis (Wageningen University, NL), van Gaans, Rijnaarts (TNO, NL) On-line sensor based monitoring of vertical risk: feasibility test	Yes
D-48	Polubesova, Sherman-Nakache, Chefetz (Hebrew University of Jerusalem, Israel) Effect of metals on pyrene binding to DOM fractions	
D-49	Pugh, Sellers (AMEC Earth & Environmental, USA), Flören (AMEC Earth & Environmental, Germany) Perchlorate: balancing a ubiquitous compound with an emergent contaminant status	
D-50	Quiot, Rollin, Bour (INERIS, France), Jordana, (ENVIROS, Spain) Schwartz (ANTEA, France), Goblet (ENSMP, France) Chlorinated solvents transport and natural attenuation modeling in groundwater	
D-51	---	
D-52	Sierra, Sánchez, Martí, Cruaños, Garau (Lab Edafologia, Fac. Farmàcia, Spain) Ecotoxicity of chlorophenolic compounds and PAHs pollution of soils as affected by soil type. Dose-response assessment and PNEC values	Yes
D-53	Sinkkonen, Hansi, Vesterinen, Kauppi, Strömmer (University of Helsinki, Finland) Impact of soil contaminants on plant growth depends on stand density and mobility of the contaminant	
D-54	Stumpe, Marschner (Ruhr-University Bochum, Germany) Factors controlling the biodegradation of 17 β -Estradiol, Estrone and 17 α -Ethinylestradiol in different natural soils	Yes
D-55	Tatàno, Giavazzi, Trabucchi (University of Urbino "Carlo Bo", Italy) The "ARA-CoSSSLs" university exercise approach of absolute risk analysis for contaminated sites: fundamentals and case-study application	
D-56	ten Hove (Soil Protection Technical Committee, NL) Restoration value for MTBE and ETBE in groundwater	
D-57	Tetsuo Yasutaka (Kokusai Kogyo Co., Ltd., Japan), Kimihito Nakamura (Kyoto University, Japan) Risk assessment processes for groundwater contamination based on the simultaneous water and pollutant transport model in the vadose zone – the case of a boron-contaminated site	
D-58	Urzelai, González, Ciprián, Otaegi (LABEIN, Spain), Castillo (IHOBE-Basque Government, Spain) Soil lead bioaccessibility study around a rural housing located in an abandoned mining area, focused to resident human health risk assessment	
D-59	Van Camp, Walravens (University of Ghent, Belgium) Simulating the transport of redox contaminants using a modification of the MT3DMS model	
D-60	Van Damme, Swennen, Dewit (K.U. Leuven, Belgium) Mobility and speciation of Zn, Pb and Cd in a contaminated overbank sediments: relation with past mining and smelting activities	Yes
D-61	---	
D-62	Vidal, Rodriguez (University of Barcelona, Spain), Santos Yabe, Abrao (Univ. Estadual de Londrina, Brazil), Rigol (University of Barcelona, Spain) Modelling sorption of metal binary mixtures in a mineral soil	
D-63	Wahl, Maboeta, Theron (North-West University, South Africa) Soil mesofauna as bioindicators of environmental disturbance at a platinum mine	
D-64	Wragg (British Geological Survey & Royal Military College of Canada, UK), Cave (British Geological Survey, UK), Ollson (Jacques Whitford Ltd, Canada), Reimer (Royal Military College of Canada, Canada) The bioaccessibility of Nickel in contaminated soils, can it be explained using solid phase distribution data?	
D-65	Wragg, Palumbo-Roe (British Geological Survey, UK) Lead bioaccessibility in Welsh mine waste samples	

Theme E: Remediation concepts & technologies

No.	Posters Theme E	PhD student's work
E-01	Aivalioti, Mavrikis, Gidaracos (Technical University of Crete, Greece) Use of MSW compost for the treatment of BTEX and MTBE contaminated groundwater in biobarriers	Yes

No.	Posters Theme E	PhD student's work
E-02	Aivalioti, Vamvasakis, Gidarakos (Technical University of Crete, Greece) Adsorption of MTBE and BTEX on thermally pre-treated diatomite: kinetic and equilibrium batch experiments	Yes
E-03	Baillieu, Van Geert, Deman, De Moor, Burdick (ARCADIS Belgium, Belgium) Adaptive design as a tool for the successful application of enhanced reductive dechlorination by injection of carbohydrate	
E-04	Baillieu, Van Geert, Gevaerts (ARCADIS, Belgium), Potter, Suthersan (ARCADIS, US) Re-discovering remediation hydrogeology	
E-05	Baldock, Hart, Kingston, Thomas (Environmental Resources Management, UK) Verification approaches for in-situ remediation projects in the UK	
E-06	Barbafieri, Tassi (National Research Council, Italy) Testing mercury availability and plants uptake for phytoremediation in industrial contaminated soils	
E-07	Bastiaens, Van Nooten, Simons, Diels (VITO, Belgium) Design of multifunctional permeable reactive barriers (Multibarriers) for treatment of mixed contamination plumes: 2 cases	
E-08	Battaglia, Ruggeri (ENSR, Italy), Nakles (ENSR, USA) Management framework for coal tar DNAPLs at Manufactured Gas Plant (MGP) sites	
E-09	---	
E-10	Birnstingl (Regenesis, UK), Kelley (Regenesis, USA), Swindells (Geo ² Remediation Ltd, UK) Combining physical, chemical and biological technologies for soil and groundwater remediation – principles and case studies	
E-11	Block (FMC Corporation, USA) Activated persulfate in situ chemical oxidation for environmental remediation: activation chemistry and selection	
E-12	Boode (Tauf bv, NL) Displacement effect of ground water pumping on nearby contaminant plumes in a region with natural ground water flow	
E-13	Boronat, Nielsen, Nadal, Raventós (MediTerra, Spain), Castillo (IHOBE, Spain) Soil excavation guidelines in the Basque country (Spain)	
E-14	Bos (Tauf bv, NL), Clercx (Megatrac Benelux BV, NL), van der Horst (C-Fix B.V., NL) Immobilization: The remediation for now and the future	
E-15	Brown (ERM, Inc., USA), Thomas (ERM, Inc., UK), Dijkshoorn (ERM, Belgium) The reduction of Chromium VI, critical questions	
E-16	Buj, Torras, Martí, Rovira, de Pablo (University of Catalonia-UPC, Spain) Phase change on the surface of the monoliths of wastes treated by Stabilization / Solidification (S/S) techniques subjected to a semi-dynamic leaching test	Yes
E-17	Burden (UK MoD, UK) Remediation trials for the reuse of contaminated lagoon sediments by landfarming (ex-situ bioremediation)	
E-18	Calderer, Martí, Rovira, González, Pablo (CTM, UPC, Spain), Cortina (Technical University of Catalonia, Spain) Study of groundwater in situ bioremediation treatment by developing chemical indicators at laboratory scale	Yes
E-19	Campioni, Ceccarini (ENVIRON Italy S.r.l., Italy) Excavation and disposal of unsaturated soil with oil contamination, optimisation by field survey – Two case studies	
E-20	Campioni, Sacilotto, Capelli, Ceccarini, Baldi (ENVIRON Italy S.r.l., Italy) Physical and geohydrological containment for a former lead refinery: from field and laboratory tests to detailed design – A case study	
E-21	Cara, Sobral (CETEM/MCT, Brazil), Berdonces, García-Noguero, Esbrí, Higuera (Univ. Castilla la Mancha, Spain), Sérvulo (Federal University of Rio de Janeiro, Brazil) Preliminary study for mercury removal from soil by using acidophilic microorganisms	
E-22	Caridei, Molinari, Rizzitello (3000 SRL – Ecosurvey®, Italy) Smart-Stripping® remediation technology	
E-23	Carmona (Polytechnical University of Cartagena, Spain), Arocena (University of Northern British Columbia Prince George, Canada), Faz Cano Carmona (Polytechnical University of Cartagena, Spain) Leaching of copper, zinc and nitrate from undisturbed column of mined soil amended with pig manure	Yes

No.	Posters Theme E	PhD student's work
E-24	Casselberry, Strunk Jr. (Rohm and Haas Company, USA), Buzzelli, Muezzin (CH2M HILL srl, Italy) Remediation of pesticide-contaminated soil at a manufacturing plant in Italy	
E-25	---	
E-26	---	
E-27	Clausen, Geiger, Fidler, Sigman (University of Central Florida, USA) Using mechanically alloyed metals to degrade TATP, TNT, and RDX	
E-28	Collins, Gareth Stewart, Tickner (The University of Reading, UK) Use of composts and compost like outputs to remediate petroleum contaminated soils	
E-29	Collivignarelli, Vaccari (University of Brescia, Italy) Applicability of chelating agents for chemical and phyto-extraction of heavy metals from contaminated soils	
E-30	Cossu, Raga (University of Padua, Italy), Rossetti, Cestaro (SpinOff Srl, Italy) In situ aeration for the remediation of an old landfill: results and perspectives	
E-31	Crowley (Regenesis, Dublin, Ireland), Farone, (Applied Power Concepts, USA), Birnstingl (Regenesis, UK) The effects of ph on enhanced reductive dechlorination: growth vs. activity	
E-32	Crowley, (Regenesis, Ireland), Mork (Regenesis, USA), Birnstingl (Regenesis, UK) Performance comparisons of oxygen releasing compounds	
E-33	De Biase, Thullner, Baeder-Bederski, Oswald (UFZ, Germany), Maier (University of Tübingen, Germany) Reactive transport simulation of microbial contaminant degradation in vertical soil filter systems	Yes
E-34	de la Fuente, Silva, Carvalho, Delerue-Matos (ISEP, REQUIMTE, Portugal), Fiúza (ISEP, CIGAR, Portugal) Pretreatment of zero-valent iron for reactive permeable barriers in chromium (IV) remediation	Yes
E-35	---	
E-36	Denisova, Hairullina, I. Breus, V. Breus, Archipova (Kazan State University, Russia), Anzishkina (Russian Federal Nuclear Center, Russia) The influence of nitrogen fertilizer and zeolite-containing material on microbial activity of hydrocarbon contaminated leached chernozem	
E-37	Diels, Gemoets (VITO, Belgium) In situ sludge consolidation: a sustainable and ecological solution for sludge disposal in river beds or landfills?	
E-38	Dorronsoro, Sierra, Roca, Aguilar (Universidad de Granada, Spain) Mineral alteration and neoformation of heavy metals in pyritic mine spills from an accidente in Aznacollar (SW Spain)	
E-39	Etxebarria, Susaeta, Díaz (GAIKER Technological Centre, Spain) Evaluation of the potential of natural attenuation of cyanide contaminated ground waters	
E-40	Farhadian (Université Blaise Pascal & Isfahan High Education and Research Institute, Iran), Larroche, Duchez (Université Blaise Pascal, France), Borghei (Sharif University of Technology, Iran), Troquet, Vachelard (Université Blaise Pascal & Biobasic Environment, France) BTX removal from groundwater using biologically activated charcoal	Yes
E-41	Feigl, Gruiz (Budapest University of Technology and Economics, Hungary), Anton (Hungarian Academy of Sciences, Hungary), Fekete (Mecsek-Öko Inc., Hungary) Combined chemical and phytostabilisation of metal polluted soils – From microcosms to field experiments	Yes
E-42	Filonov, Nechaeva, Puntus, Gafarov, Sokolov, Shkidchenko, Kosheleva, Boronin (RAS, Russia) Psychrotrophic microorganisms and catabolic plasmids for oil spill bioremediation in cold climates	
E-43	Franzetti, Bestetti (University of Milano-Bicocca, Italy), Caredda La Colla (University of Cagliari, Italy) Washing of oil and metal contaminated soils with microbial emulsifiers from <i>GORDONIA</i> SP. STRAIN BS29	Yes
E-44	Frasconi, Meniconi, Nocentini, Pinelli (University of Bologna, Italy) 1,1,2,2-tetrachloroethane aerobic cometabolic biodegradation by propane- and methane-utilizing consortia in slurry bioreactors	
E-45	Gallego, López, Bauzá, Grifoll (University of Barcelona, Spain) Cooperative degradation of polycyclic aromatic hydrocarbons by mycobacteria and new Gram-negative soil isolates	
E-46	García Frutos, Escolano (CIEMAT, Environment Department.), Laguna (HERA AG AMBIENTAL) Feasibility study of biotreatment of a silt-clay fraction from contaminated soil by hydrocarbons	
E-47	García-Martínez, Tejada, Rodríguez-Morgado, Parrado (University of Sevilla, Spain), Díaz (Gaiker, Centro Tecnológico, Spain) Role of organic nitrogen on soil biostimulation: effects on biochemistry, biodiversity and bioremediation of atrazine contaminated soils	
E-48	Geloni (Snamprogetti SpA, Italy), Battistelli (Snamprogetti SpA, Italy), Balboni (Syndial SpA, Italy) Modeling long term performances of a composite cement-bentonite cut-off wall exposed to phosphogypsum landfill leachate	
E-49	Girbent (Bioibérica S.A., Spain), Martí, Clarens, Seco, González, De Pablo, Rovira (Ctm, Spain), Marginet, Roig (Aiica, Spain) Laboratory tests for the application of a byproduct from heparin manufacturing process to the washing of soils contaminated by petroleum hydrocarbon products	
E-50	Gräber, Blankenburg (TU Dresden, Germany), Kemmesies (KP Ingenieurgesellschaft, Germany) SIWAPRO DSS – a computer aided leachate forecast tool	
E-51	Gregoir, De Naeyer, Van Dyck (OVAM, Belgium), Lookman, Gemoets (VITO, Belgium) Evaluation of soil remediation projects in Flanders: a review for 2001–2006	

No.	Posters Theme E	PhD student's work
E-52	Groudeva, Doycheva, Krumova (University of Sofia, Bulgaria), Groudev (University of Mining and Geology, Bulgaria) Simultaneous removal of oil and heavy metals from contaminated soils	
E-53	Habtie, Meskens (Soresma NV, Belgium), Pels (Hannover Milieu- en Veiligheidstechniek B.V., NL) Enhanced Reductive Dechlorination: Case-studies to illustrate the different possibilities for carbon sources and injection methods	
E-54	Haemers (Deep Green SA, Belgium), Halen (Société Publique d'Aide à la Qualité de l'Env. (Spaque s.a.), Belgium), Beaulieu (Ministère du Développement durable, de l'Environnement et des Parcs, Canada) A Methodology for assessing a sustainability level for soil remediation options	
E-55	Harries (CL:AIRE/SuRF UK), Reinke, Scott (Shell Global Solutions, UK) Does incorporation of external costs and benefits into remediation decision-making enhance the sustainability of outcomes in the management of contaminated land?	
E-56	Haupt, Kilger (Hamburg Ministry of Urban Development and Environment, Germany), Luchterhandt (Büro Luchterhandt Stadtplanung Hamburg, Germany), Tschistowskaja (Federal Environmental Agency, Germany), Lund, Ihle (IGB Ingenieurgesellschaft mbH, Germany) Revitalization of brownfields in Saint Petersburg – development of a tech-finder for the remediation of contaminated sites	
E-57	Hentati (CEO, SEACNVS, Tunisia) Natural attenuation – case of Taparura project in Sfax	
E-58	Henzler, Richnow, Kästner (Helmholtz Centre for Environmental Research – UFZ, Germany) Compartment transfer - development of near-natural groundwater remediation techniques for megasites	
E-59	Hill, Seech, Bolanos-Shaw, M. Mueller (The Adventus Group, Canada/USA), Al Jeroue (OMI, Inc., Canada) Full-Scale bioremediation of PCP impacted soil	
E-60	Hill, Seech, Bolanos-Shaw, M. Mueller (The Adventus Group, Canada/USA), Cole (Naval Facilities Engineering Command, USA), Hughes (The SHAW Group, USA) In-situ pre-treatment of organic explosives in soil at the US Yorktown Naval Weapons Station	
E-61	Hill, Seech, Duchene, Mueller (Adventus, Canada), Robinson (LFR Inc., USA) Daramend for elimination of potential soil vapors	
E-62	Hill, Seech, J. Mueller, Bolanos-Shaw, M. Mueller (The Adventus Group, Canada/USA) In-Situ and Ex-Situ Chemical Reduction of Pesticides in Soil	
E-63	Hoffmann, Kassahun (GFI Groundwater Research Institute GmbH Dresden, Germany), Seifert (TU Freiberg, Germany), Kutschke (G.E.O.S. Freiberg Ingenieurgesellschaft mbH, Germany), Jenk (WISMUT GmbH, Germany) Preliminary investigations to establish a reductive reaction zone in the flooded uranium mine Königstein	
E-64	Jeong, Seung-Woo, Chung-hyun Song, Sung-Dong Kim (Kunsan National University, Korea), Sung-whan Koh (Ecophil Co., Korea) Scale-up of cosolvent+air flooding for enhanced removal of NAPL entrapped in porous media	
E-65	Jirku, Cejkova, Masak, (Institute of Chemical Technology, Czech Republic) Use of humic substances to modulate some functions and properties of fungal biodegraders	
E-66	Jourdain, Saadaoui, Falcinelli, Haemers, Bareel (Deep Green SA, Belgium) Recycling applications of thermally treated soil – application as concrete products	
E-67	Kapranov, Zharikov, Konoplev, Dyadishcheva (The RCT&HRB, SPA 'Typhoon', Russia) The assessment of the efficiency of microbial remediation of soils and silts, contaminated with polychlorinated biphenils	
E-68	Kauppi, Sinkkonen, Romantschuk (University of Helsinki, Finland) Enhancing bioremediation of oil contaminated soil in cold climate	Yes
E-69	Kelley, Mork (Regenesis, USA), Birnstingl (Regenesis, UK) Contaminant degradation studies with alkaline, in-situ chemical oxidation agents	
E-70	Kingston, Thomas (ERM UK LtdUK) Sustainable remediation – how will climate change impact remediation technology selection? another tick box or a new paradigm for technology selection?	
E-71	Kozubek (ENACON Prague, Czech Republic) Case study: Feasibility study of remedial action at the former fuel and oil storage site in Czech Republic	
E-72	---	
E-73	Lausdei (ENVIRON Italy + Università di Roma "La Sapienza", Italy), Di Palma (Università di Roma "La Sapienza", Italy) Experimental study of dissolved MtBE removal from a saturated media by chemical oxidation	
E-74	Leale, Liberto, Lucchini (URS Italia S.p.A., Italy) A method for real time optimisation of hydraulic barrier abstraction rates during seasonal hydraulic conditions	
E-75	Leale, Maione (URS Italia S.p.A, Italy), Needham (URS, UK) Increasing flow model reliability to assess hydraulic barrier performance during variable seasonal hydraulic conditions	
E-76	Leuschner, Olean (ENSR, USA), McCormick (Orange & Rockland Utilities, USA), Maribeth (USA), Walsh (Mira Development, USA) Manufactured Gas Plant (MGP) site remediation and redevelopment using in situ technologies	
E-77	Lord, Atkinson, Street (University of Teesside, UK), Lane (Centre for Lifelong Learning, UK), Scurlock (National Farmers' Union, UK) Biomass, Remediation, re-Generation (BioReGen Life Project): Reusing brownfield sites for renewable energy crops	
E-78	Mangeret, Atteia (University of Bordeaux, France), Rollin (INERIS, France), Kergaravat (ADEME, France) Comparisons of degradation kinetics of chloroethenes in groundwater between microcosm and field scale	Yes

No.	Posters Theme E	PhD student's work
E-79	Maring, van Duijne (TNO, NL) SOILECTION for selecting optimal strategies for (in-situ) remediation	
E-80	---	
E-81	Marschner, Haag (Ruhr-University Bochum, Germany), Mueller (Saxon State Agency for Environment and Geology, Germany) Plant- and site-specific success of meliorative additives in immobilizing heavy metals in contaminated garden soils	
E-82	Maxwell, Clausen, Milum, DeVor, Geiger (University of Central Florida, Orlando, USA), Quinn (NASA, USA) Remediation of heavy metals in sediments using emulsified zero valent metals	
E-83	McFarland, Lundmark, Sheedy (HLA ENSR, Australia) Are we wasting money on some PAH clean-ups?	
E-84	Medvedeva, Zaitseva, Polyak (Saint-Petersburg Scientific Research Center for Ecological Safety, Russia), Zharikov (Research Center for Toxicology and Hygienic Regulation of Biopreparations, Russia) Development of microbiological technology for bioremediation of soil contaminated by chemical warfare agent mustard gas	
E-85	Meerkerk, Zwaan, Falcinelli, Haemers (Deep Green BV, NL) Off site Thermal Desorption treatment in Rotterdam of dioxin contaminated soil from Sweden	
E-86	Meskens (Soresma NV), Ayyaswami (Fleming, USA) Sensitivity of substrate limited degradation to monod parameters: a numerical study	
E-87	Meyer (WSP Remediation Limited, UK) Case study of a major LNAPL recovery project within fractured sandstone and lessons learned	
E-88	Millioli (Ministry of Science & Technology (CETEM/MCT), Federal University of Rio de Janeiro (EQ/UFRJ), Brazil), Servulo, Dias de Carvalho (EQ/UFRJ, Brazil), Sobral (CETEM/MCT, Brazil) Bioremediation of crude oil – bearing soil: comparative analysis of the addition of two anionic surfactants as for the toxicity, and crude oil biodegradation	Yes
E-89	Millioli (Ministry of Science & Technology (CETEM/MCT), Federal University of Rio de Janeiro (EQ/UFRJ), Brazil), Servulo, Dias de Carvalho (EQ/UFRJ, Brazil), Sobral (CETEM/MCT, Brazil) Monitored Natural Attenuation for crude oil-bearing soil: Evaluation of oil biodegradability and toxicity for long term contamination	Yes
E-90	Molnár, Gruiz (Budapest University of Technology and Economics, Hungary), Fenyvesi (Cyclolab Cyclodextrin R&D Laboratory Ltd., Hungary) Comparative evaluation of biological methods to support decision-making for biodegradation-based soil remediation	
E-91	---	
E-92	Mork, Kelley (Regenesis, USA), Crowley (Regenesis, Ireland) In Situ Chemical Reduction for Chlorinated Solvent Remediation – Merits and Limitations	
E-93	Musmeci, Beccaloni, Cicero, Coccia, Giovannangeli, Gucci, Lacchetti, Paradiso, Scaini, Vanni (Italian National Institute of Health, Italy) PCBs soil contamination: application in situ of a bioremediation technology. Operating procedure and preliminary investigation	
E-94	Muszyński, Tabernacka, Karwowska (Warsaw University of Technology, Poland) Research on optimum composition of media for cultivation of Arthrobacter spp. strain active in soil bioremediation	
E-95	Muszyński, Tabernacka, Łebkowska (Warsaw University of Technology, Poland) Immobilization of biocatalysts in sorbents used for soil remediation	
E-96	Nathanail, J. (Land Quality Management Ltd, UK), P. Nathanail (Land Quality Management Ltd, and University of Nottingham, UK) The advantages of computer-aided conceptual site modelling	
E-97	Nathanail, P. (Land Quality Management Ltd, and University of Nottingham, UK) Cabernet	
E-98	Navarro, Iimura, Ichikawa, Tatsumi (National Institute of Advanced Industrial Science and Technology (AIST), Japan) Extraction and biodegradation enhancement of PAHs from contaminated soil with an aqueous DNA solution	
E-99	Nazaré Couto, Vasconcelos (CIIMAR/CIMAR & Universidade do Porto, Portugal) Case study: remediation of hydrocarbons from a refinery's soil – a biological approach	Yes
E-100	Nechaeva, Filonov, Akhmetov, Boronin (RAS, Russia) In situ bioremediation of crude oil contaminated soils in Pushchino, Moscow Region, Russia	Yes
E-101	Negulyaev (Kryvyi Rig Botanical Garden, Ukraine) Forming of amidohydrolases activity in technogenic edatopes with the different types of phytorecultivation	
E-102	Olgiati, Massone (Austep Srl, Italy) Remediation of an industrial active site contaminate with organic compounds in soil and groundwater	
E-103	Park, Park, Lee (Daewoo Institute of Construction and Technology, Korea) Heating characteristics of a fuel contaminated site applying electrical resistance heating	
E-104	Pedron, Rosellini, Petruzzelli (Inst. of Ecosystem Study CNR, Italy) Potential and limitation of phytoextraction in very acidic soil contaminated by heavy metals	
E-105	Pensaert, Dor, Nollet, Van den Bossche, Nollet, Van Dycke (DEC NV, DEME Environmental Contractors, Belgium) The Svartsjö project: environmental dredging and dewatering of pulp-and-paper sludges	
E-106	Pensaert, Zwaenepoel (DEC NV, DEME Environmental Contractors, Belgium) Vanhove (ERM Environmental Resources Management, Belgium), Dewilde, De Naeyer (OVAM (Public Waste Agency of	

No.	Posters Theme E	PhD student's work
	Flanders), Belgium) Case-study of the first remediation in Flanders by means of on-site immobilization on a heavy metal impacted site	
E-107	Petzold (Consultant, Munster, Germany) Natural Attenuation – new word, but proven technique for groundwater and soil remediation	
E-108	Pollock, Cetois (Churngold Remediation, UK), Block (FMC Corporation, UK) Treatment of a Former Chemical Manufacturing Site Contaminated with Chlorinated Benzenes Using Activated Persulfate Oxidation	
E-109	Popov, Konoplev (Scientific Research and Production Association “Typhoon”, Russia), Maslova, Arkhipova (Obninsk State Technical University for Nuclear Power Engineering, Russia), Moskalchuk (National Academy of Sci. of Belarus, Belarus) Radiocaesium interception potentials of organo-mineral amendments and their mixtures with soils: importance of organo-mineral interactions	
E-110	Porto, Biasiolo, Brambilla (Consorzio Copernico, Italy), Bestetti, Franzetti, Gandolfi (Università di Milano Bicocca, Italy), Saponaro (Politecnico di Milano, Italy) Biodegradation of aniline and its derivatives by a biosparging system	
E-111	Qianxin Lin, Mendelsohn (Louisiana State University, USA) Effectiveness of phytoremediation by <i>Juncus roemerianus</i> for diesel-contaminated coastal wetlands	
E-112	Rios, Appasamy, Roberts, Williams (The University of Wolverhampton, UK) An integrated canal remediation system for wastewater treatment in the Birmingham Canal Navigations (bcn) main line, West Midlands (England) with potential recreation, education and tourism alternatives	
E-113	---	
E-114	---	
E-115	---	
E-116	Roland, Buchenhorst, Holzer, Trommler (Helmholtz Centre for Environmental Research – UFZ, Germany) Electrode design for radio-frequency soil heating	
E-117	Romero, Santos, Vicente (Universidad Complutense Madrid, Spain) Removal of Ethylbenzene Sorbed on Soil by Fenton’s Reagent and Potassium Permanganate: Study Comparative	
E-118	Ross, MacLeod, Harvey (Arcadis Geraghty and Miller Int. Ltd, UK), Block (FMC Corporation), Burdick (ARCADIS NV) In-situ chemical oxidation via activated persulphate for remediation of multiple organic contaminants	
E-119	Ruttens (Hasselt University, Belgium), Mench (University of Bordeaux, France), Kumpiene (Luleå University of Technology, Sweden), Müller (Saxon State Agency for Environment & Geology, Germany), Cundy (University of Brighton, UK), Friesl-Hanl (Austrian Research Centers GmbH – ARC, Austria), Renella (University of Florence, Italy), Tlustos (Faculty of Agrobiology, Food and Natural Resources, Czech Republic), Bert (INERIS, France), Marschner (Ruhr-University Bochum, Germany), Puschenreiter (BOKU - University of Natural Resources & Applied Life Sciences, Austria) SUMATECS – Sustainable Management of Trace Element Contaminated Soils: a SNOWMAN-ERANET funded project	
E-120	Salvati, Curti (SYNDIAL S.p.A., Italy), Veggi (Studio Geotecnico Italiano s.r.l., Italy) Syndial site of Cengio – banks and groundwater containment and drainage system	
E-121	Sasso (Eni SpA, Italy), Arlotti, Bianco, Colombo, Fusè (Foster Wheeler Italiana SpA, Italy) In-situ chemical oxidation and enhanced Fenton’s reaction using a natural ferrous iron for remediation of soil and groundwater impacted by hydrocarbon	
E-122	Schols, Diels, Laenen, Vanbroekhoven (VITO, Belgium), Swennen (Geography - geology, Belgium), Smolders (Land Management and Economics, Belgium) Stability of metal precipitates formed during immobilization of metals from polluted groundwater by means of in situ precipitation	Yes
E-123	Schoups (Technical University Delft, NL), Seuntjens, Bastiaens, Queenie Simons (VITO, Belgium), Sapion (Sapion Hans Environmental Consulting, Belgium) A reactive transport model for VOCL-contaminated groundwater remediation using zero-valent iron barriers	
E-124	Sellers (AMEC Earth & Environmental, USA), Longoni (AMEC Earth & Environmental, Italy) Nanotechnology and Environmental Protection: Risks and Rewards	
E-125	Shulaev, Emelianov (Kazan State Technological University, Russia) Zakharova (“Sibneft-Noyabrskneftegas” Company, Russia) Fattakhov (Arbuzov Institute of Organic and Physical Chemistry, Kazan Scientific Centre, Russian Academy of Sciences, Russia) Synthetic preparation “Melaphene” for bioremediation of oil-cut soils	
E-126	Soares, Arias (University of Barcelona, Spain), Fraser, Barker (University of Waterloo, Canada), Grifoll (University of Barcelona, Spain) Identification of PAH-microbial metabolites in creosote contaminated soils and groundwater	
E-127	Sviridov, Shushkova, Ermakova, Leontievsky (RAS, Russia), Zharikov (Federal Medico-Biological Agency, Russia) Degradation of organophosphonates by soil bacteria	
E-128	---	
E-129	---	
E-130	Torapava, Davydov, Torapava, Tsitou, Radkevich (Sosny National Academy of Sciences of Belarus, Belarus) The scientific foundation of radionuclide Th(IV) extraction technology from liquid radioactive wastes	
E-131	Uytbroek, Leys, Baillieul, De Moor, Van Geert, Burdick, Gevaerts (ARCADIS Belgium, Belgium) Stimulated aerobic biodegradation with calcium peroxide to treat a BTEX contamination	

No.	Posters Theme E	PhD student's work
E-132	Uzinger, Anton (Hungarian Academy of Sciences, Hungary) Effect of lignite as a stabilising agent for toxic metals in a soil incubation experiment	Yes
E-133	---	
E-134	Vanbroekhoven, Van Roy, Seuntjens, Diels (VITO, Belgium) Impact of nitrate on the behaviour and immobilisation of heavy metals in sandy aquifers in the presence of a carbon source	
E-135	Verdin, Durand, Sahraoui (Université du Littoral Côte d'Opale, France), Garçon, Shirali (Laboratoire de Neuroimmunologie des annélides), Sautière (Université des Sciences et Technologies de Lille, France) Modifications in the <i>Fusarium solani</i> polypeptide pattern induced by the polycyclic aromatic hydrocarbon, Benzo[a]pyrene	
E-136	Wegner (Mull und Partner Ingenieurgesellschaft mbH, Germany), Wieschemeyer, Hoffmann, Kringel, Dethlefsen, Schlenz, Poggendorf, Wienberg, Blumöhr Modelling complete Degradation of Chloroethenes in Urban Aquifer through reductive and oxidative Processes	
E-137	Wijn (In-Situ Technieken, NL), Nicolaes (Arcadis Regio Zuid, NL), Bruning (Wageningen University, NL) Solid peroxides as ongoing sources of oxygen, fundamental and field results	
E-138	Wilson, Kelley (Regenesys, USA), Birnstingl (Regenesys, UK) Innovative, cost-effective, controlled-release electron donor for enhanced reductive dechlorination: laboratory development to field verification	
E-139	Young-Jin Kim, Jae Shik Chung, Gwanghun Lee, Chan Yu, Kyoungphile Nam (Seoul National University, Korea) Development of a Permeable Reactive Barrier System Integrated with Biostimulation Technology	
E-140	Zainescu, Albu (National R&D Institute for Textile and Leather, Romania), Voicu (Research Institute for Soil Science and Agrochemistry, Romania), Sandru (Research Institute of Plants Protection, Romania), Albu (S.C. Pielorex S.A. Bucharest, Romania) Remediation and conditioning of degraded or contaminated soils using the biocompost based on organic wastes	
E-141	Zakariadze, Gagelidze, Amiranashvili, Tsigroshvili (GEO-ECO TAO (Geo-Ecology, Testing and Assessment Operations) – NGO, Georgia) Biostimulation of oil-destructive bacteria in contaminated soil with combined nutrient media "Glouton Plus"	
E-142	Zanuzzi, Faz (Technical University of Cartagena, Spain) Reduction of risks of reclaimed mine soils from SE Spain	Yes
E-143	---	
E-144	---	
E-145	Zharikov, Kiseleva, Krainova, Dyadishcheva, Zharikov (Federal Medico-Biological Agency (RCT&HRB), Russia), Leontievsky, Shushkova, Ermakova (Russian Academy of Sciences, Russia) Technology of "in situ" bioremediation of soils contaminated by phosphororganic pesticides	

Theme F: Sustainable & risk based land management

No.	Posters Theme F	PhD student's work
F-01	Amantia, Cammarata, Donini (URS Italia S.p.A., Italy), Molinari, (ENI, Italy) Groundwater and soil remediation of a large scale site: from conceptual modelling to final design of a complex in situ remediation system	
F-02	Amantia, Cammarata, Donini, Manetti, Violetti (URS Italia S.p.A., Italy), Molinari (ENI, Italy) Application techniques of groundwater protection in a coastal area – a case study of injection/pumping hydraulic barrier	
F-03	Amantia, Firmani, Piccapietra, Violetti (URS Italia S.p.A., Italy) Three dimensional groundwater flow analysis in a coastal area affected by a physical and hydraulic injection barrier	
F-04	Arduini, Porto, Zelioli, Carraro, Gangemi (Provincia di Milano, Italy), Martinelli, Dadomo, (ARPA Emilia Romagna, Italy) Nitrates in groundwater (Northern Italy): isotopic prospection in high vulnerability area	
F-05	Battaglia, Ruggeri (ENSR, Italy) Probabilistic cost model for estimation of environmental liabilities at contaminated sites – concepts and applications	
F-06	Black, (WSP Environmental, USA), Connell (WSP Environmental, UK) Environmental Liability Transfer: First known European Liability Buy Out, Former Kodak Photochemical Site, United Kingdom	
F-07	---	
F-08	Campioni, Baldi, De Carli, Abbattista (ENVIRON ITALY S.r.l., Italy) A web Geographical Information System to manage the environmental data	
F-09	Claessens, Versluijs (RIVM, The Netherlands) Risks with current landuse in areas with special policy attention	
F-10	Dijcker, van der Wijk, Zanetti (Witteveen+Bos, NL), Belm (NIRAS A/S, Denmark), Ignjatovic, Popovic (Regional Environmental Center, Serbia) Priority assessment of heavily polluted area's in Serbian riversheds; a practical approach	
F-11	Edelman, van Wijk (Landmark Nederland bv, NL) From bare data to valuable information: the Landmark approach	

No.	Posters Theme F	PhD student's work
F-12	Ertel, Schug (Sachverständigen-Büro Dr. Ertel, Germany) EUBRA European Brownfield Revitalisation Agenda	
F-13	Gonçalves de Castro, Bezerra Ferreira, da Silva Rosa, Canhão, Coelho, de Melo Krahenbuhl, Caleffi, Linhares de Azevedo, Lemes, da Silva Santos, Matos Villa Martignoni, Fernandes Ferreira (PETRÓLEO BASILEIRO S.A. – Petrobras, Brazil) Project for structuring the management of contaminated areas in oil refining industry – the experience of a Brazilian petroleum company	
F-14	Gruiz, Vaszita, Zaletnyik, Siki (Budapest University of Technology and Economics, Hungary) GIS-based catchment scale modelling of soil loss by erosion in an abandoned mining area	
F-15	Joris, Seuntjens, Bronders (VITO, Belgium), van der Grift, Janssen (TNO, NL) An integrated subsurface transport modelling approach to assess regional water contamination of Cd and Zn by historic smelter emissions: unsaturated zone	
F-16	Kerr, Burford (Griffith University, Australia) The transformation of soil phosphorus in a sub-tropical river system	Yes
F-17	Leys, Van Geert (ARCADIS, Belgium), Corten (ARCADIS, NL), Roelofsens (City of Heerlen, NL) Diffuse soil pollution in relation to land use: case study city of Heerlen (Netherlands)	
F-18	Leys, Van Geert (ARCADIS, Belgium), Corten (ARCADIS, NL), Roelofsens (City of Heerlen, NL) Methodology – Marginal exceeding of soil parameters	
F-19	Maring, Picone, Aguilera (TNO, NL) START, Spatial and Temporal Assessment of human Risk-Tool – a GIS tool for decision making in land redevelopment	
F-20	Martí, Rovira, Pablo (CTM, UPC, Spain), Cortina, Portella (Technical University of Catalonia, Spain) Development of an integrated methodology for the evaluation of the environmental risk derived from acid draining of mine tailings to groundwater	
F-21	---	
F-22	Pizzol, Agostini, Critto, Foramiti (Consorzio Venezia Ricerche, Italy), Giove, Zabeo, Marcomini (University Ca' Foscari of Venice, Italy), D'alessandro, Carlon (Joint Research Center, Italy) Decision support system for ranking of potentially contaminated sites at regional scale	Yes
F-23	Strikwold, Smit (Van Hall Larenstein Training & Consultancy, NL), Boeije (Arcadis, NL), Moet (Park, NL), van Loenhout, van der Plas (Attika, NL) Sludge? Please in my back yard!	
F-24	Tetsuo Yasutaka (Kokusai Kogyo Co., Ltd., Japan) Risk/benefit analysis of applying human health risk assessment to lead-contaminated sites in Japan	
F-25	---	
F-26	Tuinstra (Soil Protection Technical Committee, NL) Soil pathogens and sustainable land management	
F-27	---	
F-28	Weingran (HIM GmbH, Germany), Tiehm, Müller (Water Technology Center, Germany), Schad (I.M.E.S. GmbH, Germany), Alt, Jacob (CDM Consult GmbH, Germany) Pilot test and field construction of a funnel-and-gate biobarrier on a former tar factory site	
F-29	<i>NEW</i> Reeve, Eilbeck, Cruickshank (Sellafield Ltd, UK) Planning Contaminated Land Management of the Sellafield Nuclear Site into the 22 nd Century	
F-30	<i>NEW</i> Sorková (Czech University of Life Sciences, Czech Republic), Dusílek (AQUATEST Inc., Czech Republic) Earthworms and Contaminated Land - Promise for Future	

Theme G: Complete cases

No.	Posters Theme G	PhD student's work
G-01	Anastasiadou, Gidarakos (Technical University of Crete, Greece) Risk assessment for the restoration of an inactive asbestos mine & use as a disposal site	
G-02	Angeloni, Bavestrelli (Montana Srl, Italy), Murgia Remediation and environmental rehabilitation design of the Baccu Locci mine site (Southern Sardinia, Italy)	
G-03	Bernstein (Consorzio Venezia Nuova, Italy), Petracca (Magistrato alle Acque di Venezia, Italy) Ten years of actions in Porto Marghera by the Venice Waters Authority for the protection of the lagoon of Venice	
G-04	Bollati (Eni SpA, Italy), Arlotti, Zinni, Sardano, Boggi, Cavaliere, Lunghi, Sommaria (Foster Wheeler Italiana SpA, Italy) Brownfield redevelopment: approaches and strategies for remediation of a former oil refinery	
G-05	Consonni, Perotti, Raimondi (Italferr S.p.A., Italy), Captini (CAV.To.Mi., Italy), Vicentini (Terna S.p.A., Italy) Remediation of an abusive disposal area of acid slimes	
G-06	D'Aprile, Boeri (APAT, Italy), Pucci (ARPAL, Italy) Lebanon oil-spill: geological assessment of the Jieh power plant area	
G-07	---	
G-08	---	
G-09	---	
G-10	---	
G-11	---	
G-12	Lunghi, Zattra, Arlotti (Foster Wheeler Italiana SpA, Italy) Complex industrial sites data management in GIS environment	
G-13	---	
G-14	Mori, Nogueira Bard, Sobral (Centre for Mineral Technology – CETEM, Brazil), Aguiar (National Institute of the Industrial Property – INPI, Brazil) Platinum-group metals recovery from exhausted automotive catalysts by electroleaching	
G-15	Rodriguez-Ruiz (Gaiker Technological Centre & UPV/EHU, Spain), Diaz (Gaiker Technological Centre, Spain), Marigómez (UPV/EHU, Spain) Integrated evaluation of a derelict mine soil health status	Yes
G-16	---	

Posters of Provincia di Milano

PdM 1	Arduini, Dadomo, Martinelli, Porto, Zelioli, Carrar Nitrates in groundwater (northern Italy): isotopic prospection in high vulnerability area	
PdM 2	Fasoli, Gangemi, Arduini, Valentini, Pistocchi, Marelli GIS Software for Forecast Modelling of Flux And Pollutants' Transport in Aquifers	

295 posters + 16 spaces for last min. posters → 311

As at May 14, 2008