

POSTERS	S3- SOIL CHEMISTRY
No.	TITLE
S301-P	<p>BIOLEACHING OF HEAVY METALS IN CONTAMINATED SOILS UNDER THE ANAEROBIC CONDITION BY INDIGENOUS BACTERIA AND <i>Shewenella sp.</i></p> <p>S.R. Lee¹, H.T. Chon¹, J.U. Lee² ¹<i>Seoul National University, Seoul, South Korea</i> ²<i>Chonnam National University, Chonnam, South Korea</i></p>
S302-P	<p>INCUBATION EXPERIMENT FOR MEASURING SOME HEAVY METAL CONCENTRATIONS OF TWO FLOOD-PLAIN SOILS</p> <p>I. Issa¹, I. Czinkota², Y. Saleh³ ¹<i>Sirte University, Sirte, Libya</i> ²<i>Szent István University, Gödöllő, Hungary</i> ³<i>Al fateh University, Tripoli, Libya</i></p>
S303-P	<p>ADVANCES IN DEVELOPMENT AND EVALUATION OF SORBENT MATERIALS FOR ENVIRONMENTAL APPLICATIONS</p> <p>H.K. Karapanagioti, C. Kordulis, A. Lycourghiotis <i>University of Patras, Patras, Greece</i></p>
S304-P	<p>EFFECT OF LONG-TERM MSW COMPOST APPLICATIONS ON METAL UPTAKE BY CUCUMBER (<i>Cucumis sativus L.</i>) PLANT AND SOIL METAL BIOAVAILABILITY</p> <p>B. Topcuoglu <i>Akdeniz University, Antalya, Turkey</i></p>
S305-P	<p>THE BEHAVIOUR OF Zn ADSORPTION ON SOME CLAYEY ACID SOIL OF MALAYSIA</p> <p>I. Al-Hawas <i>King Faisal University, Al Hassa, Saudi Arabia</i></p>
S306-P	<p>IMMOBILIZATION OF POTENTIALLY TOXIC METALS USING DIFFERENT SOIL AMENDMENTS</p> <p>D. Uskokovič, D. Lestan <i>University of Ljubljana, Ljubljana, Slovenia</i></p>
S307-P	<p>APPLIANCE OF GEOCHEMICAL NORMALIZATION AND ENRICHMENT FACTORS FOR THE EVALUATION OF ENVIRONMENTAL CONTAMINATION WITH TRACE ELEMENTS IN SEDIMENTS</p> <p>S.M. Sakan, D.S. Đorđević <i>IChTM, Belgrade, Serbia</i></p>
S308-P	<p>BIOSURFACTANTS FROM <i>L. pentosus</i> AS ALTERNATIVE TO CHEMICAL SURFACTANTS FOR THE BIOREMEDIATION OF CONTAMINATED SOILS</p> <p>A.B. Moldes¹, R. Paradelo², D.R. Rosa¹, D. Rubinos², J.M. Cruz¹, P. Paseiro², M.T. Barral² ¹<i>Universidad de Vigo, Vigo, Spain</i> ²<i>Universidad de Santiago de Compostela, Santiago de Compostela, Spain</i></p>
S309-P	<p>STUDY OF PERMEABILITY AND CONTAMINANT FLOW IN GRANITOID ROCKS USING DYES</p> <p>J. Holeček¹, L. Rukavičková¹, J. Záruba² ¹<i>Czech Geological Survey, Prague, Czech Republic</i> ²<i>Arcadis Geotechnica, Prague, Czech Republic</i></p>
S310-P	<p>MONITORING OF SELENIUM CONTENT IN PARENTAL ROCKS FROM THE SOUTH - EASTERN PART OF ROMANIA</p> <p>M.M. Aldea, C. Luca <i>University Politehnica Bucharest, Bucharest, Romania</i></p>
S311-P	<p>THE IMPACT OF GARDENING ON HEAVY METALS SPECIATION IN SOILS</p>

	<p>AFFECTED BY SMELTERS ACT</p> <p>I. Popescu, R. Balint <i>University Politehnica Bucharest, Bucharest, Romania</i></p>
S312-P	<p>UPTAKE OF NICKEL, ZINC, CADMIUM, CHROMIUM AND LEAD BY VARIOUS <i>BACILLUS</i> sp.</p> <p>A. Kumar¹, B.S. Bisht², V.D. Joshi³ ¹<i>Himachal Institute of Life Science Paonta Sahib, Sirmour, India</i> ²<i>HNBGU, Campus Badshahithaul Tehri, India</i> ³<i>Govt. PG College Kotdwara Garhwal, Uttarakhand, India</i></p>
S313-P	<p>CADMIUM SORPTION AS INFLUENCED BY CARBONATE FORMS OF CLAY FRACTION OF SOME CALCAREOUS SOILS IN AL-HASSA</p> <p>I.A. Alhawas <i>King Faisal university, Hofuf, Saudi Arabia</i></p>
S314-P	<p>HYDROGEN PEROXIDE STABILIZATION WITH CHELATING AGENTS IN SOILS FOR ISCO TECHNOLOGY</p> <p>F. Vicente, A. Romero, A. Santos, J.M. Rosas <i>Universidad Complutense Madrid, Madrid, Spain</i></p>
S315-P	<p>BCR SEQUENTIAL EXTRACTION OF SELECTED METALS FROM SOIL OF ORGANIC FARMING APPLE ORCHARD</p> <p>M. Zeiner¹, I. Juranović Cindrić², G. Medunić², Š. Kampać², N. Tomašić², G. Stinger¹ ¹<i>University of Natural Resources and Life Sciences, Vienna, Austria</i> ²<i>University of Zagreb, Zagreb, Croatia</i></p>
S316-P	<p>BIOMASS ASHES – DISTRIBUTION OF PLANT NUTRIENTS IN THE DIFFERENT ASH FRACTIONS</p> <p>M. Kröppl, C. Lanzerstorfer <i>University of Applied Sciences Upper Austria, Wels, Austria</i></p>
S317-P	<p>GEOGENIC SOIL CONTAMINATION BY CHROMIUM AND NICKEL IN EASTERN SLOVAKIAN FLYSH BELT – SOME ENVIRONMENTAL IMPLICATIONS</p> <p>E. Komanická, O. Ďurža, J. Čurlík, E. Jurkovič <i>Comenius University Bratislava, Bratislava, Slovakia</i></p>
S318-P	<p>DIAGENETIC PRODUCTS OF β-CAROTANE IN SEDIMENTS FROM LOPARE BASIN (BOSNIA AND HERZEGOVINA)</p> <p>N. Grba, A. Šajnović, K. Stojanović, B. Jovančičević <i>University of Belgrade, Belgrade, Serbia</i></p>
S319-P	<p>Ni AND Co IMMOBILIZATION IN AQUEOUS SOLUTION THROUGH SYNTHETIC HIDROXYAPATITE</p> <p>A. Corami, V. Ferrini, S. Mignardi <i>University La Sapienza, Rome, Italy</i></p>
S320-P	<p>THE ROLE OF GYPSUM KARST IN CONTAMINANT TRANSPORT FROM AGH DARREH TAILING DAM IN IRAN</p> <p>Y.N. Ghogh¹, H.R. Nasser² ¹<i>Golestan regional water Co., Iran</i> ²<i>Shahid beheshti university, Iran</i></p>
S321-P	<p>TOXIC METALS LEACHING FROM COLUMNS OF MINE TAILINGS AMENDED WITH COMPOST</p> <p>M. Contin, F. Zoz, M. De Nobili <i>University of Udine, Udine, Italy</i></p>
S322-P	<p>ASSESSING AND MAPPING INCREASED DROUGHT RISKS IN AGRICULTURAL SYSTEMS AS A RESULT OF CLIMATE CHANGE</p>

	<p>M. Slejko¹, G. Gregorič², K. Bergant^{1,2}, S. Stanič¹ ¹<i>University of Nova Gorica, Nova Gorica, Slovenia</i> ²<i>Environmental Agency of the Republic of Slovenia, Ljubljana, Slovenia</i></p>
S323-P	<p>EVALUATION OF THE ADSORPTION CAPACITY OF THE HEAVY METALS Cd AND Pb BY SYNTHESIZED Fe OXIDES AND HYDROTALCITE</p> <p>M.P.F. Fontes, P.M.A. Xavier <i>Universidade Federal de Viçosa, Viçosa, Brazil</i></p>
S324-P	<p>ENVIRONMENTAL BIOGEOCHEMISTRY OF EUTROPHIC SEDIMENT REMEDIATED WITH CALCIUM NITRATE AND PHOSLOCK™ IN LABORATORY MICROCOSMS</p> <p>A.A. Mozeto¹, T.M. Yamada¹, A.P.E. Sueitt¹, A.F. de Oliveira¹, M.R.L. do Nascimento², B.M. de Farias³ ¹<i>Laboratório de Biogeoquímica Ambiental, São Carlos, Brazil</i> ²<i>LAPOC-CNEN, Poços de Caldas, Brazil</i> ³<i>CENPES-Petrobras, Rio de Janeiro, Brazil</i></p>
S325-P	<p>TEBUCONAZOLE SORPTION ON SELECTED SOIL MINERALS</p> <p>E. Čadková, R. Kaliszová, M. Komárek <i>Czech University of Life Sciences Prague, Prague, Czech Republic</i></p>
S326-P	<p>BUILDING A HUMIC-METAL BINDING CONSTANTS DATABASE</p> <p>M. Filella <i>University of Geneva, Versoix, Switzerland</i></p>