



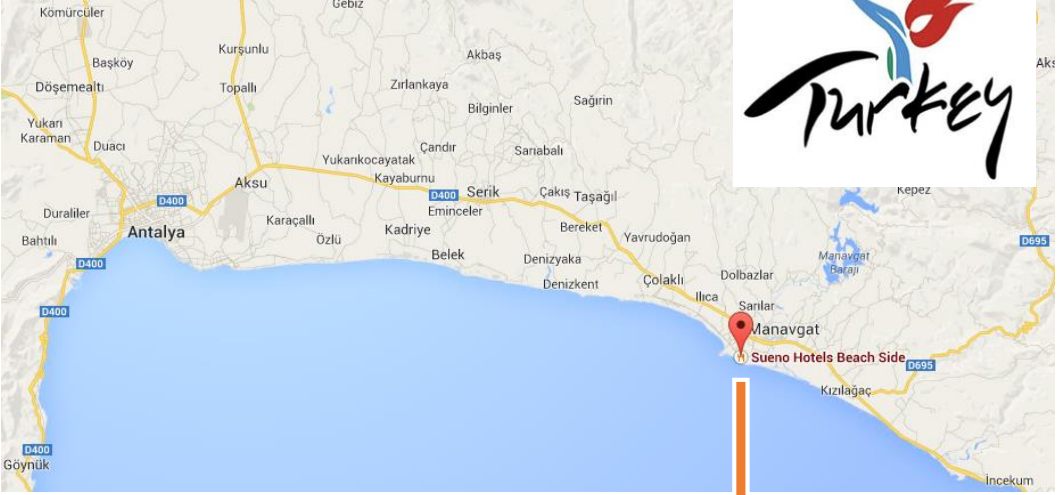
**9<sup>th</sup> International Soil Science Congress on  
“The Soul of Soil and Civilization”**

Soil Science Society of Turkey Cooperation with  
Federation of Eurasian Soil Science Societies

14 - 16 October 2014, Side, Antalya / Turkey



## VENUE



Registration  
Post-Congress Tour (optional)

: 13 October 2014 , time 14<sup>00</sup> – 18<sup>00</sup>  
: 17 October 2014, time 09<sup>00</sup> – 18<sup>00</sup>



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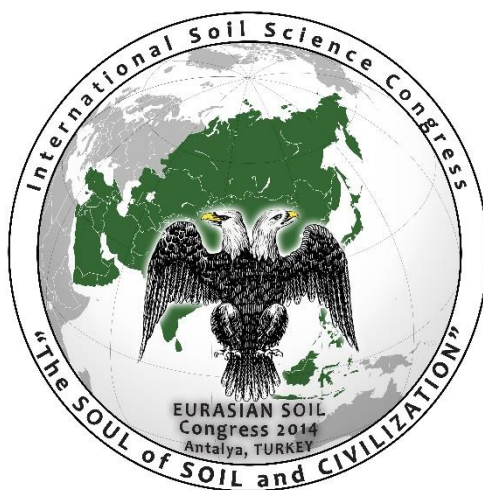
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## MAIN CINAR SALOON

Hour	October 14, 2014	MAIN CINAR SALOON
	Registration	
09 <sup>00</sup> - 10 <sup>40</sup>	<b>Opening Speeches</b> <ul style="list-style-type: none"> <li>- Rıdvan Kızılkaya, President of Organizing Committee</li> <li>- Ayten Namlı, President of Soil Science Society of Turkey</li> <li>- Gürsel Küsek, General Manager Republic of Turkey, Ministry of Food, Agriculture and Livestock General Directorate of Agricultural Reform</li> <li>- Hanifi Avcı, General Manager Republic of Turkey, Ministry of Forestry and Water Affairs General Directorate of Combating Desertification and Erosion</li> </ul>	
10 <sup>20</sup> - 10 <sup>40</sup>	Coffee break	
	Chair: Nazmi Oruç	Section: KEY NOTES
10 <sup>40</sup> - 11 <sup>20</sup>	<b>Invited Speaker 1</b> <b>New status of paleopedology in geo-biosciences</b> <b>Alexander O. Makeev</b>	
11 <sup>20</sup> - 12 <sup>00</sup>	<b>Invited Speaker 2</b> <b>Soils Sustaining Life</b> <b>Ahmet R.Mermut</b>	
12 <sup>00</sup> - 13 <sup>00</sup>	Lunch time	
13 <sup>00</sup> - 14 <sup>00</sup>	Poster Presentations	





# ORAL PRESENTATIONS



## October 14, 2014

Hour	October 14, 2014	CINAR SALOON A
	<b>Chair:</b> Nadezda Verkhovtseva	<b>Section: SOIL BIOLOGY &amp; BIOCHEMISTRY</b>
14 <sup>00</sup> -14 <sup>20</sup>	"External and internal nitrogen affect the corn residues mineralization in different ways" / Anna K. Kvitkina, Alla A. Larionova, Sergei S. Bykhovets (p.12)	
14 <sup>20</sup> -14 <sup>40</sup>	"Forest soils of Eurasia: comparative estimate of soil organic matter mineralization rate" / Valentin Lopes de Gerenyu, Irina Kurganova, Juan F. Gallardo Lancho (p.76)	
14 <sup>40</sup> - 15 <sup>00</sup>	"Development of plant growth-promoting bacterial based bioformulations using solid and liquid carriers and evaluation of their influence on growth parameters of tea" / Ramazan Çakmakçı, Yaşar Ertürk, Ali Atasever, Recep Kotan, Mustafa Erat, Atefeh Varmazyari, Kubilay Türkyılmaz, Ayhan Haznedar, Remzi Sekban (p.61)	
15 <sup>00</sup> - 15 <sup>20</sup>	"The relationship between soil urease activities and plant production in the cultivated grassland on Qinghai-Tibetan Plateau" / Yong Zhang (p.80)	
15 <sup>20</sup> –15 <sup>40</sup>	<b>Coffee break</b>	
	<b>Chair :</b> Shikui Dong	<b>Section: SOIL HEALTH &amp; QUALITY</b>
15 <sup>40</sup> –16 <sup>00</sup>	"Spatial distribution of dominant tree species in a tropical rain forest and its relation with site quality" / Armando Navarrete-Segueda, Christina Siebe-Grabach, Miguel Martínez-Ramos, Lorenzo Vázquez-Selem, Guillermo Ibarra-Manríquez (p.487)	
16 <sup>00</sup> –16 <sup>20</sup>	"Ecological evaluation of west Siberia middle taiga peat soils" / Ekaterina Kovaleva, Alexander Yakovlev (p.490)	
16 <sup>20</sup> –16 <sup>40</sup>	"Soil cover patterns analysis in soil processes and land quality evaluation" / Ivan I. Vasenev (p.498)	
16 <sup>40</sup> –17 <sup>00</sup>	"Soil quality assessment using linear and non-linear scoring functions" / Ali Volkan Bilgili, Mehmet Ali Çullu, Çiğdem Küçük, Salih Aydemir, Harold van Es (p.486)	
17 <sup>00</sup> –18 <sup>00</sup>	<b>Poster Presentations</b>	
18 <sup>00</sup> -20 <sup>00</sup>	<b>Dinner time</b>	
20 <sup>00</sup> - 24 <sup>00</sup>	<b>Welcome reception</b>	



Hour	October 14, 2014	CINAR SALOON B
	<b>Chair:</b> Evgeny Shein	<b>Section: SOIL PHYSICS &amp; MECHANICS</b>
14 <sup>00</sup> -14 <sup>20</sup>	"Soil water retention and structure stability as affected by water quality" / Amrakh I. Mamedov (p.89)	
14 <sup>20</sup> -14 <sup>40</sup>	"Soil salinization and sodisation in the irrigated perimeter of Mina (northwest Algeria). Diagnosis by combined measurements of electromagnetic and saturated hydraulic conductivities" / Ouanouki Mokhtar, Kradia Laid, Benkhelifa Mohammed (p. 92)	
14 <sup>40</sup> -15 <sup>00</sup>	"Comparison of the methods for soil moisture retention characteristics regarding the soil texture and the various moisture ranges" / Hasan Sabri Öztürk, Wolfgang Durner, Amir Haghverdi, Birgit Walter (p.112)	
15 <sup>00</sup> -15 <sup>20</sup>	"Land use and soil texture are the main drivers of soil CO <sub>2</sub> emission response to the climate extremes" / Irina Kurganova, Valentin Lopes de Gerenyu, Tatiana Myakshina, Dmitry Sapronov (p.115)	
15 <sup>20</sup> -15 <sup>40</sup>	<b>Coffee break</b>	
	<b>Chair:</b> Ahmet R.Mermut	<b>Section: SOIL EROSION &amp; CONSERVATION</b>
15 <sup>40</sup> -16 <sup>00</sup>	"Soil erosion and conservation in two geomorphic and recreational environments" / Deirdre Dragovich (p.207)	
16 <sup>00</sup> -16 <sup>20</sup>	"Influence of rainfall, soil textural composition and surface cover on erosional losses on abandoned farmlands in the rainforest zone, Southern Nigeria" /Anthony Innah Iwara, Fatai Olakunde Ogundele (p.213)	
16 <sup>20</sup> -16 <sup>40</sup>	"Change of fluctuations of soil properties in kashtanozem in extremely uniform conditions under agricultural impacts" / Irina Mikheeva (p.220)	
16 <sup>40</sup> -17 <sup>00</sup>	"Statistic and probability characteristics of rain factor R in Slovak Republic" / Lucia Maderkova, Jaroslav Antal (p.222)	
17 <sup>00</sup> -18 <sup>00</sup>	<b>Poster Presentations</b>	
18 <sup>00</sup> -20 <sup>00</sup>	<b>Dinner time</b>	
20 <sup>00</sup> -24 <sup>00</sup>	<b>Welcome reception</b>	

Hour	October 14, 2014	CINAR SALOON C
	<b>Chair:</b> David Pinsky	<b>Section: SOIL CHEMISTRY</b>
14 <sup>00</sup> -14 <sup>20</sup>	"Swelling clays and salt-affected soils: demixtion of Na / Ca clays as the rationale for discouraging the use of sodium adsorption ratio (SAR)" / Guilhem Bourrie (p.164)	
14 <sup>20</sup> -14 <sup>40</sup>	"Chemical characteristics of the amorphous minerals extracted from Andisol's B Horizon from Central Java, Indonesia" / Eko Hanudin, Niluh Putu Sri Ratmini, Bambang Hendro Sunarminto (p.160)	
14 <sup>40</sup> - 15 <sup>00</sup>	"The use of soil methods in archeology in Mikulcice" / Jan Hladky, Martin Brtnicky, Jindrich Kynicky, Anna Hammerova (p.168)	
15 <sup>00</sup> - 15 <sup>20</sup>	"Determination of sorption characteristics of Zn (II) onto natural and physically modified zeolites"/ Kadir Saltali, Nihan Tazebay (p.170)	
15 <sup>20</sup> -15 <sup>40</sup>	<b>Coffee break</b>	
	<b>Chair:</b> Tatiana Minkina	<b>Section: SOIL POLLUTION &amp; REMEDIATION</b>
15 <sup>40</sup> -16 <sup>00</sup>	"Assisted bioremediation tests on three natural soils contaminated with benzene" / Maria Manuela Carvalho, Maria Cristina Vila, Cristina Delerue-Matos, Maria Teresa Oliva-Teles, António Fiúza (p.357)	
16 <sup>00</sup> -16 <sup>20</sup>	"Environment-friendly method for benzo[a]pyrene extraction from soils" / Svetlana Sushkova, Saglara Mandzhieva, Tatiana Minkina, Galina Vasilyeva, Irina Tiurina (p.393)	
16 <sup>20</sup> -16 <sup>40</sup>	"Mineralogy and weathering of smelter-derived particles in contrasting soils" /Vojtech Ettler, Martin Mihaljevic, Bohdan Kribek, Alice Jatossikova (p.402)	
16 <sup>40</sup> -17 <sup>00</sup>	"Remediation of cadmium contaminated vertisol mediated by Prosopis charcoal and Coir pith" /Palaninaicker Senthilkumar, Duraisamy Prabha, Subpiramaniyan Sivakumar Chandra Venkatasamy Subbhuraam (p.336)	
17 <sup>00</sup> -18 <sup>00</sup>	<b>Poster Presentations</b>	
18 <sup>00</sup> -20 <sup>00</sup>	<b>Dinner time</b>	
20 <sup>00</sup> - 24 <sup>00</sup>	<b>Welcome reception</b>	

## October 15, 2014

Hour	October 15, 2014	CINAR SALOON A
	<b>Chair:</b> Shikui Dong	<b>Section: PLANT NUTRITION &amp; FERTILIZATION</b>
09 <sup>00</sup> -09 <sup>20</sup>	"Effects of water stress and different levels of nitrogen on yield, yield components and WUE of sunflower hybrid iroflor" / Shahram Lak (p.707)	
09 <sup>20</sup> -09 <sup>40</sup>	"Improving nutrient elements uptake in lettuce under Light Emitting Diode irradiation" / Armaghan Amoozgar, Ahmad Mohammadi Ghehsareh, Mohammad R. Sabzalian (p.636)	
09 <sup>40</sup> -10 <sup>00</sup>	"The effect of phosphate solubilizing microbe on soil phosphate, growth, yield of maize and P fertilizer efficiency on Ultisol at field and green house experiment " / Betty Natalie Fitriatin, Anny Yuniarti, Tien Turmuktini (p.648)	
10 <sup>00</sup> -10 <sup>20</sup>	"The management of quality and safety of chemical fertilizers in Turkey" / Iknur Dede, Bahri Gündüz (p.663)	
10 <sup>20</sup> -10 <sup>40</sup>	<b>Coffee break</b>	
	<b>Chair:</b> Alexander O. Makeev	<b>Section: SOIL FERTILITY</b>
10 <sup>40</sup> -11 <sup>00</sup>	"Changes in the physical and chemical absorbing power and nutritive regime of replantosol formed on loess in the foothills of Ile Alatau" / Bakhytzhhan Yelikbayev (p. 310)	
11 <sup>00</sup> -11 <sup>20</sup>	"Changes in selected soil properties affected by long-term organic and chemical fertilization practices in Mediterranean Turkey" / Oğuz Can Turgay, David Buchan, Bram Moeskops, Bart De Gussemme, İbrahim Ortaş, Stefaan De Neve (p.290)	
11 <sup>20</sup> -11 <sup>40</sup>	"Establishing a soil reference system for fertility assessment and monitoring at plot level in the highlands of Mindanao, Philippines" / Guadalupe Dejarne-Calalang, Laurent Bock, Gilles Colinet (p.266)f	
11 <sup>40</sup> -12 <sup>00</sup>	"Implementation of precision agriculture technology at Russian State Agrarian University – Moscow Timiryazev Agricultural Academy" / Alexey I. Belenkov, Mikhail A. Mazirov, Valeria A. Arefieva (p.306)	
12 <sup>00</sup> -13 <sup>00</sup>	<b>Lunch time</b>	
13 <sup>00</sup> -14 <sup>00</sup>	<b>Poster Presentations</b>	
	<b>Chair:</b> Tomas Losak	<b>Section: PLANT NUTRITION &amp; FERTILIZATION</b>
14 <sup>00</sup> -14 <sup>20</sup>	"Regulation of growth and some vital physiological processes in salt stressed maize ( <i>Zea mays</i> L.) plants by exogenous application of plant growth compounds" / Cengiz Kaya, Osman Sönmez, Muhammed Ashraf, Levent Tuna (p.649)	
14 <sup>20</sup> -14 <sup>40</sup>	"Effect of potassium chloride on some responses of annual shoots of <i>Citrus aurantium</i> seedling under low temperature stress" / Esmael Dordipour, Zeinab Rafie-Rad, Yahya Tajvar, Mohsen Olamaei, Alireza Shykh Eshkevari (p.654)	
14 <sup>40</sup> -15 <sup>00</sup>	"Plant growth and potassium supply dynamics on a chernozem soil of a long-term fertilization and irrigation experiment with maize monoculture in Hungary" / Imre Vago, Marianna Sipos, Laszlo Tolner, Imre Czinkota, Gergely Szilagyi, Janos Katai (p.664)	
15 <sup>00</sup> -15 <sup>20</sup>	"Poultry feather wastes recycling possibility as soil nutrient" / Mezes Lili, Nagy Attila, Galya Bernadett, Tamas Janos (p.677)	
15 <sup>20</sup> -15 <sup>40</sup>	<b>Coffee break</b>	
	<b>Chair:</b> Füsün Gülser	<b>Section: SOIL HEALTH &amp; QUALITY</b>
15 <sup>40</sup> -16 <sup>00</sup>	"Central Russia agroecosystem monitoring with CO2 fluxes analysis by eddy covariance method" / Joulia Meshalkina, Alexis Yaroslavtsev, Ilya Mazirov, Miljan Samardzic, Riccardo Valentini, Ivan Vasenev (p.499)	
16 <sup>00</sup> -16 <sup>20</sup>	"The role of probiotic microorganisms in the control of health and fertility of soil" / Nadezda Verkhovtseva, Evgeny Milanovskiy, Evgeny Shein (p.503)	
16 <sup>20</sup> -16 <sup>40</sup>	"Allelopathy of root exudates of invasive species <i>Ambrosia artemisiifolia</i> " / Lea Lojkova, Jindrich Figala, Borivoj Klejdus, Samuel Lvoncik, Valerie Vranova, Pavel Formanek (p.504)	
16 <sup>40</sup> -17 <sup>00</sup>	"A modified soil quality index (SQI) to assess soil quality of alpine grassland" / Shikui Dong (p.507)	
17 <sup>00</sup> -18 <sup>00</sup>	<b>Poster Presentations</b>	
18 <sup>00</sup> -20 <sup>00</sup>	<b>Dinner time</b>	



Hour	October 15, 2014	CINAR SALOON B
	<b>Chair:</b> Jaroslav Antal	<b>Section: SOIL EROSION &amp; CONSERVATION</b>
09 <sup>00</sup> -09 <sup>20</sup>	"Reservoir sediment prediction in Duhok dam using artificial neural network and conventional methods" / Lida Issazadeh, Marwan B.I. Govay (p.227)	
09 <sup>20</sup> -09 <sup>40</sup>	"The anthropogenic sodium sulfate minerals as an intensification factor of wind erodibility of the soils in Segzi plain at the east of Esfahan, Iran" / Mohammad Akhavan Ghalibaf (p.229)	
09 <sup>40</sup> -10 <sup>00</sup>	"Monitoring the effect of conservation practices on the erosion rates in some small watersheds in Eastern Romania" / Nelu Popa, Dumitru Nistor, Cosmin Hurjui, Eugen Filiche, Gabriel Petrovici (p.231)	
10 <sup>00</sup> -10 <sup>20</sup>	"CaCl <sub>2</sub> activation and reaction mechanism of the yellow river sediment" / Junxia Liu, Ran Hai, Lei Zhang, Jiujun Yang (p.223)	
10 <sup>20</sup> -10 <sup>40</sup>	<b>Coffee break</b>	
	<b>Chair:</b> Amrakh Mamedov	<b>Section: SOIL PHYSICS &amp; MECHANICS</b>
10 <sup>40</sup> -11 <sup>00</sup>	"The investigation of hysteresis and soil compaction on calibration curve of gypsum block" / Kami Kaboosi (p.117)	
11 <sup>00</sup> -11 <sup>20</sup>	"Estimation of dynamic equilibrium in a polydisperse soil system" / Vladimir S. Kryshchenko, Lyudmila Y. Goncharova, Natalya E. Kravtsova, Oleg M. Golozubov (p.122)	
11 <sup>20</sup> -11 <sup>40</sup>	"Improvement of the engineering properties of soils using biological method" / Nader Hataf, Alireza Baharifard (p. 126)	
11 <sup>40</sup> -12 <sup>00</sup>	"Conceptual model of water stable soil aggregate" / Evgeny Milanovskiy, Evgeny Shein (p.105)	
12 <sup>00</sup> -13 <sup>00</sup>	<b>Lunch time</b>	
13 <sup>00</sup> -14 <sup>00</sup>	<b>Poster Presentations</b>	
	<b>Chair:</b> Salih Aydemir	<b>Section: SOIL MANAGEMENT &amp; RECLAMATION</b>
14 <sup>00</sup> -14 <sup>20</sup>	"Steady state of carbon dioxide efflux from permafrost soil in two fallow systems" / Albina A. Danilova, Natalia B. Barashkova, Aleksandra P. Arjakova, Basiona B.Ustinova (P.430)	
14 <sup>20</sup> -14 <sup>40</sup>	"Effects of rice husk compost application on soil quality parameters in greenhouse conditions" / Zeynep Demir, Coşkun Gülser (p.513)	
14 <sup>40</sup> -15 <sup>00</sup>	"Problems and perspectives for the agriculture in Blagoevgrad District" / Boyko Kolev, Nevena Miteva (p.439)	
15 <sup>00</sup> -15 <sup>20</sup>	"Estimating root activity of a drip-irrigated peach orchard under the soil and climate conditions of a semi-arid region in Romania" / Cristian Paltineanu, Leinar Septar (p.443)	
15 <sup>20</sup> -15 <sup>40</sup>	<b>Coffee break</b>	
	<b>Chair:</b> Douaoui Abdelkader	<b>Section: GEOSTATISTICS, REMOTE SENSING &amp; GIS</b>
15 <sup>40</sup> -16 <sup>00</sup>	"Assessing soil degradation and its relationship to soil quality base upon remotely sensed data" / Hamid Reza Matinfar, Azar Fariabi (p.597)	
16 <sup>00</sup> -16 <sup>20</sup>	"Information support of land and water productivity management models on the basis of SOTER in Uzbekistan" / Galina Stulina, Abduvahob Ismanov (p.588)	
16 <sup>20</sup> -16 <sup>40</sup>	"Identification of heavy metal sources in soil and dust of urban and industrial areas of Bushehr Province (southwestern Iran) using multivariate statistical analyses" / Zeinab Naderizadeh, Hossein Khademi, Shamsollah Ayoubi (p.404)	
16 <sup>40</sup> -17 <sup>00</sup>	"Study of pasture territories using remote sensing data" / Gulchekhra Nabieva, Laziza Gafurova, Akmal Asadov (p.589)	
17 <sup>00</sup> -18 <sup>00</sup>	<b>Poster Presentations</b>	
18 <sup>00</sup> -20 <sup>00</sup>	<b>Dinner time</b>	

Hour	October 15, 2014	CINAR SALOON C
	<b>Chair:</b> Nikolay Khitrov	<b>Section: SOIL GENESIS, CLASSIFICATION &amp; MAPPING</b>
09 <sup>00</sup> -09 <sup>20</sup>	"Regional analysis of soil middle-term trends due to phytocenosis and climate changes" / Natalia I. Belousova, Ivan I. Vasenev, Dina I. Nazimova (p.547)	
09 <sup>20</sup> -09 <sup>40</sup>	"The actualities of soils classification improvement in Lithuania" / Jonas Volungevicius, Laurynas Jukna, Darijus Veteikis (p.548)	
09 <sup>40</sup> -10 <sup>00</sup>	"Geochemical combination in the structure of soil cover Baraba lowland" / Nadezhda Dobrotvorskaya (p.551)	
10 <sup>00</sup> -10 <sup>20</sup>	"Principles of soil mapping of urban areas" / Elena Sukhacheva, Boris Aparin (p.539)	
10 <sup>20</sup> -10 <sup>40</sup>	<b>Coffee break</b>	
	<b>Chair:</b> Domen Lestan	<b>Section: SOIL POLLUTION &amp; REMEDIATION</b>
10 <sup>40</sup> -11 <sup>00</sup>	"Domestic sewage and its availability of some heavy metals in soil depths" / Amir Hossein Davami, Ali Gholami (p.320)	
11 <sup>00</sup> -11 <sup>20</sup>	"Evaluation of optimal number of soil samples for detail reconstruction of initial field of Cs-137 contamination in Chernobyl affected areas" / Maxim Ivanov, Valentin Golosov, Eugenia Shamshurina (p.363)	
11 <sup>20</sup> -11 <sup>40</sup>	"Influence of soil microbial activities by long-term mercury contamination" / Marco Contin, Alberto Piani, Fabio Zoz, Alessandro Acquavita, Laura Catalano, Ali Khakbaz, Maria De Nobili (p.356)	
11 <sup>40</sup> -12 <sup>00</sup>	"Tracing the metal dynamics in semi-arid soils near mine tailings using stable Cu and Pb isotopes" / Martin Mihaljevic, Vojtech Ettler, Vladislav Chrastny, Vít Penizek, Ales Vanek, Bohdan Kribek, Ondra Sracek, Petr Drahota, Benjamin Siyowi Mapani, Akalemwa Fred Kamona (p.361)	
12 <sup>00</sup> -13 <sup>00</sup>	<b>Lunch time</b>	
13 <sup>00</sup> -14 <sup>00</sup>	<b>Poster Presentations</b>	
	<b>Chair:</b> Abdolhossein Parizangeneh	<b>Section: SOIL HYDROLOGY &amp; POLLUTION</b>
14 <sup>00</sup> -14 <sup>20</sup>	"Desiccation of a silt block in a dam reservoir: Modelling and lab experiments" / Anvar R. Kacimov, Ali K. Al-Maktoumi, Said S. Al-Ismaily, Hamad A. Al-Busaidi (p.409)	
14 <sup>20</sup> -14 <sup>40</sup>	"Nitrogen and phosphorus contamination in some groundwater of Amik Plain, Turkey" / Necat Ağca, Sema Karanlık, Mehmet Yalçın (p.420)	
14 <sup>40</sup> -15 <sup>00</sup>	"Integrated technologies for the regulation of water, salt and soil conditions supporting agricultural irrigation systems in Kazakhstan" / Rakhym Bekbayev, Yermekkul Zhaparkulova (p.424)	
15 <sup>00</sup> -15 <sup>20</sup>	"Environmental impact of fluoride around the aluminum factory in Seydişehir-Turkey: An overview" / Nazmi Oruç	
15 <sup>20</sup> -15 <sup>40</sup>	<b>Coffee break</b>	
	<b>Chair:</b> Necat Ağca	<b>Section: SOIL CHEMISTRY</b>
15 <sup>40</sup> -16 <sup>00</sup>	"The role of composition and properties of mineral matrix in transformation of corn residues" / David L. Pinskiy, Anastasiya N. Maltseva, Berta N. Zolotareva (p.157)	
16 <sup>00</sup> -16 <sup>20</sup>	"How the sorption of benzene in soils contaminated with aromatic hydrocarbons is affected by the presence of biofuels" / Maria Manuela Carvalho, Maria Cristina Vila, Fernanda Rohden, Mónica Rosas, Teresa Oliva-Teles, Joana Dias, Anthony Danko, António Fiuza (p.173)	
16 <sup>20</sup> -16 <sup>40</sup>	"The role of pyrogenic and cryogenic processes in 137Cs migration in frozen soils" / Peter Sobakin (p.181)	
16 <sup>40</sup> -17 <sup>00</sup>	"Effect of soil properties in phosphorus sorption" / Revekka Koliniati, Evaggelia Golia, Vasileios Antoniadis (p.194)	
17 <sup>00</sup> -18 <sup>00</sup>	<b>Poster Presentations</b>	
18 <sup>00</sup> -20 <sup>00</sup>	<b>Dinner time</b>	

## October 16, 2014

Hour	October 16, 2014	CINAR SALOON A
	<b>Chair:</b> David Pinsky	<b>Section: SOIL POLLUTION &amp; REMEDIATION</b>
09 <sup>00</sup> -09 <sup>20</sup>	"Concentration and spatial distribution of total and bioavailable heavy metals in top soils in Taham district of Zanjan province, Iran" / Abdol Hossein Parizanganeh, Robab Saberinia, Ali Hajabolfath, Abbas Ali Zamani (p.376)	
09 <sup>20</sup> -09 <sup>40</sup>	"Transformation of organic carbon and properties of light-chestnut soils in the Kenkiyak field under the influence of oil pollution" / Abdulla Saparov, Saken Dosbergenov, Tatiana Tomina (p.313)	
09 <sup>40</sup> -10 <sup>00</sup>	"The perspectives for the typical sampling of soil samples with bioassay on the example of the development of chemical industry" / Dmitry V. Seifert, Inna V. Ovsyannikova, Halil F. Mulyukov (p.334)	
10 <sup>00</sup> -10 <sup>20</sup>	"Heavy metal content and its spatial variability in the soils of the area of the gold mine in Gadabay Region, Azerbaijan" /Elton Mammadov (p.340)	
10 <sup>20</sup> -10 <sup>40</sup>	<b>Coffee break</b>	
	<b>Chair:</b> Nadezda Verkhovtseva	<b>Section: SOIL BIOLOGY &amp; BIOCHEMISTRY</b>
10 <sup>40</sup> -11 <sup>00</sup>	"Alterations of fungal metabolism under decreasing oxygen level" / Jiri Jirout (p.36)	
11 <sup>00</sup> -11 <sup>20</sup>	"Different effects of degeneration on soil nutrients, microbial biomass and enzyme activities in alpine meadow and steppe of the Qinghai-Tibet Plateau in China" / Xuexia Wang, Shikui Dong (p.78)	
11 <sup>20</sup> -11 <sup>40</sup>	"Influence of plant exudates, essential oils and or some different bacteria solution on the productivity of <i>P. Vulgaris</i> and soil microbial community" / Veyssel Turan, Serdar Bilen (p.77)	
11 <sup>40</sup> -12 <sup>00</sup>	"Diversity of soil crust ecosystem of Central Svalbard based on cyanobacteria and microalgae" / Ekaterina Pushkareva, Otakar Strunecky, Josef Elster (p.24)	
12 <sup>00</sup> -13 <sup>00</sup>	<b>Lunch time</b>	
13 <sup>00</sup> -14 <sup>00</sup>	<b>Poster Presentations</b>	
	<b>Chair:</b> Mikhail Mazirov	<b>Section: SOIL FERTILITY</b>
14 <sup>00</sup> -14 <sup>20</sup>	"What are the facilities of using saline soil as a forage area with halophytic plants?" /Aysel M. Ağar, Sevinç Uslu Kiran, Fatma Özkay, Nezaket Adıgüzel, Atıla Güntürk, Mecit Vural (p.433)	
14 <sup>20</sup> -14 <sup>40</sup>	"An investigation of climate trends and Soil fertility at horticultural experience station of Kamalabad of Karaj/Iran after fourteen years" / Mitra Mirabdulbaghi (p.282)	
14 <sup>40</sup> - 15 <sup>00</sup>	"Fertility and productivity of soils in the Czech Republic" / Vaclav Voltr, Martin Hruska, Pavel Fronek, Tomas Hlavsa (p.303)	
15 <sup>00</sup> - 15 <sup>20</sup>	"Wildfire effects on soil microbial biomass and soil respiration" / Aliye Sepken Kaptanoğlu Berber (p.8)	
15 <sup>20</sup> -15 <sup>40</sup>	<b>Coffee break</b>	
	<b>Chair:</b> Cengiz Kaya	<b>Section: PLANT NUTRITION &amp; FERTILIZATION</b>
15 <sup>40</sup> -16 <sup>00</sup>	"Effects of elevated ozone on root biomass, mycorrhizal colonisation and soil properties: a field study of a semi-natural grassland community" / Naomi Rintoul, Sylvia Toet, Simon Peacock, Neil Cape, Mike Ashmore (p.668)	
16 <sup>00</sup> -16 <sup>20</sup>	"Fertilization level and available nutrients content in arable land of the Czech Republic" / Pavel Cermak, Jaroslav Hlusek, Tomas Losak (p.697)	
16 <sup>20</sup> -16 <sup>40</sup>	"The effect of soil and foliar application of magnesium on yields and quality of <i>Vitis vinifera</i> , L. Grapes" / Tomas Losak, Andrea Zatloukalova, Jaroslav Hlusek, Pavel Pavlousek, Mojmir Baron, Pavel Cermak (p.621)	
17 <sup>00</sup> -18 <sup>00</sup>	<b>Concluding Remarks</b>	
18 <sup>00</sup> -20 <sup>00</sup>	<b>Dinner time</b>	
20 <sup>00</sup> - 24 <sup>00</sup>	<b>Turkish night</b>	



Hour	October 16, 2014	CINAR SALOON B
	<b>Chair:</b> Ivan Vasenev	<b>Section: GEOSTATISTICS, REMOTE SENSING &amp; GIS</b>
09 <sup>00</sup> -09 <sup>20</sup>	"Digital mapping of landscapes based on soil morphology in the plain of Lower- Cheliff (Algeria): Application of remote-sensing" / Ibrahim Yahiaoui, Abd-el-Kader Douaoui, Ahmed Ziane (p.601)	
09 <sup>20</sup> -09 <sup>40</sup>	"Mapping soil salinity in irrigated land using optical remote sensing data" / Rachid Lhissou, Abderrazak El Harti, Karem Chokmani (p.573)	
09 <sup>40</sup> -10 <sup>00</sup>	"Remote sensing use in the discrimination of landscape patterns diversity in the lower Cheliff plain, Algeria" / Djamel Eddine Mokhtari, Abd Elkader Douaoui, Ibrahim Yahiaoui (p.593)	
10 <sup>00</sup> -10 <sup>20</sup>	"Combination of remote sensing and kriging to improve soil salinity mapping in the Hmadna plain (Algeria)" / Douaoui Abdelkader (p.594)	
10 <sup>20</sup> -10 <sup>40</sup>	<b>Coffee break</b>	
	<b>Chair:</b> Jaroslav Antal	<b>Section: SOIL EROSION &amp; CONSERVATION</b>
10 <sup>40</sup> -11 <sup>00</sup>	"Applying a 'regional' focus to the 'universal' principles of erosion and sediment control" / Grant Witheridge, Simon Cavendish (p.238)	
11 <sup>00</sup> -11 <sup>20</sup>	"Transporting capacity of small depth flows as the prerequisite of eroded soil formation" / Valerii Demidov (p.241)	
11 <sup>20</sup> -11 <sup>40</sup>	"The new volumetric approach for field measurements of rill erosion" / Veronika Sobotkova, Miroslav Dumbrovsky (p.243)	
11 <sup>40</sup> -12 <sup>00</sup>	"Role of wind erosion in dust-salt masses migration, soil salinization and degradation (in the coastal area of Azerbaijan)" / Tahira Gahramanova, Anar Mehdiyev, Hasan Dursun (p.240)	
12 <sup>00</sup> -13 <sup>00</sup>	<b>Lunch time</b>	
13 <sup>00</sup> -14 <sup>00</sup>	<b>Poster Presentations</b>	
	<b>Chair:</b> Evgeny Shein	<b>Section: SOIL PHYSICS &amp; MECHANICS</b>
14 <sup>00</sup> -14 <sup>20</sup>	"Geological problems in the realization of underground infrastructure in the natural environment" / Nikolay Zhechev (p.129)	
14 <sup>20</sup> -14 <sup>40</sup>	"Effect of aging on the physical properties of landfill cover layers" /Ruediger Anlauf, Andreas Reichel (p.135)	
14 <sup>40</sup> - 15 <sup>00</sup>	"Soil compaction assessment by penetrometer measurements on maize field" Kamdem Kanko Nicodemus, Sema Karabağ, Wim Cornelis, Günay Erpul (p.137)	
15 <sup>00</sup> - 15 <sup>20</sup>	"Initial soil water content as a factor affecting determination of unsaturated soil hydraulic conductivity in situ using tension infiltrometer" / Svatopluk Matula, Marketa Mihalikova, Jana Lufinkova, Kamila Batkova (p.140)	
15 <sup>20</sup> -15 <sup>40</sup>	<b>Coffee break</b>	
	<b>Chair:</b> Amrakh Mamedov	<b>Section: SOIL MANAGEMENT &amp; RECLAMATION</b>
15 <sup>40</sup> -16 <sup>00</sup>	"Reclamation of disturbed areas in the industrial zones of Bulgaria" / Maria Shishmanova, Boyko Kolev (p.438)	
16 <sup>00</sup> -16 <sup>20</sup>	"Biochar effects on saline and none-saline soil properties of the Harran Plain Southeastern Turkey" / Salih Aydemir, Halil Arı, Osman Sönmez, Cengiz Kaya, Ebru Pinar Saygan, Osman Altun (p.470)	
16 <sup>20</sup> -16 <sup>40</sup>	"PRECOS framework: Measure the impacts of the global changes on soils, water, agriculture and territories to better anticipate the future" / Trolard Fabienne, Bourrié Guilhem, Dangeard Marie-Lorraine, Di Virgilio Nicola, Fouletier Mireille, Géniaux Ghislain, Napoleone Claude, Pascal Olivier, Reynders Suzanne, Rossi Federica, Taub Ilana, Tennant Mike (p.476)	
17 <sup>00</sup> -18 <sup>00</sup>	<b>Concluding Remarks</b>	
18 <sup>00</sup> -20 <sup>00</sup>	<b>Dinner time</b>	
20 <sup>00</sup> - 24 <sup>00</sup>	<b>Turkish night</b>	

Hour	October 16, 2014	CINAR SALOON C
	<b>Chair:</b> Nikolay Khitrov	<b>Section: SOIL MINERALOGY &amp; SOIL GENESIS</b>
09 <sup>00</sup> -09 <sup>20</sup>	"Automorphic soils of North Forest – Tundra subzone (North-East of European Russia)" / Galina Rusanova, Svetlana Deneva, Olga Shakhtarova, Elena Lapteva (p.555)	
09 <sup>20</sup> -09 <sup>40</sup>	"Study of soils formation origin based on mineralogical studies (A case study: Marand region)" / Ommolbanin Jafari Tarf, Ali Asghar Jafarzadeh, Goly Abasi (p.525)	
09 <sup>40</sup> -10 <sup>00</sup>	"Pyrogenesis and automorphic soil formation in continental taiga of Northeast Asia" / Alexander Chevychelov (p.541)	
10 <sup>00</sup> -10 <sup>20</sup>	"Paleosols and climate of the steppe zone in early iron age: Identifying short term warming of climate on slightly-sensors soils" / Liudmila N. Plekhanova (p. 569)	
10 <sup>20</sup> -10 <sup>40</sup>	<b>Coffee break</b>	
	<b>Chair:</b> Abdolhossein Parizangeneh	<b>Section: SOIL POLLUTION &amp; REMEDIATION</b>
10 <sup>40</sup> -11 <sup>00</sup>	"Studies on different concentration of Lead (Pb) and sewage water on Pb uptake and growth of Radish ( <i>Raphanus sativus</i> )" / Qudratullah Khan, Fahim Akhtar Jatoi, Obaid Ullah Sayal (p.377)	
11 <sup>00</sup> -11 <sup>20</sup>	"Heavy metals accumulation and transformation in soils of tecnogenic zone on the basis of the long-term monitoring research" /Tatiana Minkina, Galina Motusova, Saglara Mandzhieva, Marina Burachevskaya, Olga Nazarenko (p.394)	
11 <sup>20</sup> -11 <sup>40</sup>	"Evaluating effects of sewage sludge on soil chemical and biological properties and heavy metals amounts (incubation experiment)" /Shima Farasat, Ayten Namli, M. Onur Akça F. Dilek Sanin (p.390)	
11 <sup>40</sup> -12 <sup>00</sup>	"Chelant washing of metal polluted garden soils: can remediated soil be used as a plant substrate" / Domen Lestan, Masa Jelusic (p.345)	
12 <sup>00</sup> -13 <sup>00</sup>	<b>Lunch time</b>	
13 <sup>00</sup> -14 <sup>00</sup>	<b>Poster Presentations</b>	
	<b>Chair:</b> Tatiana Minkina	<b>Section: SOIL POLLUTION &amp; REMEDIATION</b>
14 <sup>00</sup> -14 <sup>20</sup>	"Assesment of steel-smelting waste slag and moliding sand impact on ecological soil condition" / Zukhra Gaynullina, Anastasia Gorlenko (p.405)	
14 <sup>20</sup> -14 <sup>40</sup>	"The effects of Gytja on plant growth and nickel contents of lettuce ( <i>Lactuca Sativa</i> ) in nickel contaminated soils" / Füsün Gülsel, Ferit Sönmez, Siyami Karaca, T. Hasibe Gökkaya (p.352)	
14 <sup>40</sup> - 15 <sup>00</sup>	"Influence of atmospheric emissions of nitrogen compounds on the biochemical parameters of soils of European Russia" / Irina Averkieva, Irina Grosovskaya, Kristina Ivahenko (p.348)	
15 <sup>00</sup> - 15 <sup>20</sup>	"Using the triad approach to urban soil samples quality assessment" / Maria Pukalchik, Vera Terekhova, Maria Akulova (p.358)	
15 <sup>20</sup> -15 <sup>40</sup>	<b>Coffee break</b>	
	<b>Chair:</b> Ivan Vesenev	<b>Section: SOIL GENESIS, CLASSIFICATION &amp; MAPPING</b>
15 <sup>40</sup> -16 <sup>00</sup>	"Soil information system of Zhambyl area" / Konstantin Pachikin, Olga Erokhina (p.549)	
16 <sup>00</sup> -16 <sup>20</sup>	"Some key concepts of urban soils classification" / Boris Aparin, Elena Sukhacheva (p.537)	
16 <sup>20</sup> -16 <sup>40</sup>	"Distribution of Vertisols with gilgai topography in Russia" / Nikolay B. Khitrov, Yurii I. Cheverdin, Nataliya P. Chizhikova, Nataliya V. Kalinina, Ludmila V. Rogovneva, Dmitriy I. Rukhovich, Valeriy P. Vlasenko (p.562)	
17 <sup>00</sup> -18 <sup>00</sup>	<b>Concluding Remarks</b>	
18 <sup>00</sup> -20 <sup>00</sup>	<b>Dinner time</b>	
20 <sup>00</sup> - 24 <sup>00</sup>	<b>Turkish night</b>	



# WORKSHOP PROGRAMME





	<b>Chair:</b> Primož Simončič	<b>Section: WORKSHOP PROGRAMME “Forest Soil Carbon Dynamics in Time and Space”</b>
<b>09<sup>00</sup> -09<sup>15</sup></b>	“Presentation of Section objectives and EUFORINNO Project” P.Simončič, H.Kraigher	
<b>09<sup>15</sup> -10<sup>00</sup></b>	Keynote talk 1 : “The carbon isotopic below-ground: current advances and limitations” Z.Kayler	
<b>10<sup>00</sup>–10<sup>30</sup></b>	<b>Coffee break</b>	
<b>10<sup>30</sup>–10<sup>50</sup></b>	“Stable isotopes: general principles and applications in ecology” S.Zavadlav	
<b>11<sup>50</sup>–11<sup>10</sup></b>	“Use of stable isotope dendrochronology in reconstruction of past environments” T.Levanič	
<b>11<sup>15</sup>–14<sup>00</sup></b>	<b>Lunch time</b>	
<b>14<sup>00</sup> -14<sup>45</sup></b>	Keynote talk 2 : “Crop and Soil management Effects on Carbon Sequestration” İ.Ortaş	
<b>14<sup>45</sup>–15<sup>15</sup></b>	<b>Coffee break</b>	
<b>15<sup>15</sup> -15<sup>35</sup></b>	Carbon Dynamics of krast grassland subjected to woody-plant encroachment M.Ferlan	
<b>15<sup>35</sup> -16<sup>00</sup></b>	“Molecular approaches in identification of ectomycorrhizae and mycorrhizal communities” H.Kraigher	
<b>16<sup>00</sup> -17<sup>00</sup></b>	“Concluding remarks” P.Simončič, İ.Ortaş	



# POSTER PRESENTATIONS



No	SECTION A: SOIL BIOLOGY & BIOCHEMISTRY
A1	"Effect of irrigation water salinity on growth of <i>Bradyrhizobium</i> spp." / Alaa Eadan Hasan
A2	"Population testate amoebae soils of the Mediterranean coast of Turkey" / Anatoly Bobrov
A3	"The soil organic matter and the microbial community in sealed urban soils of Rostov-on-Don, Russia" / Andrey Gorovtsov, Sergey Gorbov, Tatyana Varduni, Sulejman Tagiverdiev, Olga Bezuglova
A4	"Biological activity of peatland cryogenic soils in North Taiga ecosystems of Western Siberia" / Anna Bobrik, Olga Goncharova, Georgiy Matyshak
A5	"Preliminary characterization of iron oxidizing bacteria in soil covered gleyic processes" / Anna Zięba, Zagorski Zbigniew
A6	"Microbial biomass C and organic C content of natural soil aggregates" / Aylin Erkoçak, Rıdvan Kızılkaya
A7	"Soil fungi of the Harran plain and salinity relations" / Aysin Bilgili, Çiğdem Küçük, Zeki Doğan, Ali Volkan Bilgili
A8	"Biochar amendment affects soil enzyme activities and tomato, pepper, lettuce plants productivity" / Ayten Namlı, M. Onur Akça
A9	"Biological activity of Agrochernozem under different anthropogenic loads according to real-time PCR data" / Azida Tkhakakhova, Olga Kutovaya, Ekaterina Ivanova, Anatoly Pavlyuchenko
A10	"Molecular identification of strains producing Chitinase enzyme in <i>Streptomyces</i> 19" / Peyvand Samimifar, Alireza Dehnad, Mohammad Ali Ebrahimi, Bakhshi Khaniki, Behnam Tahmasebpour, Gader Ghaffari
A11	"Changes in microbial biomass, soil respiration and enzyme activities in Zn contaminated soil under field condition" / Betül Bayraklı, Rıdvan Kızılkaya
A12	"Microbiological activity in saline conditions: Case study of salted soils in the region of Relizane (Algeria)" / Bouchenafa Nadia, Dellal Abdelkader
A13	"Effect of meadowfoam ( <i>Limnanthes alba</i> , L) seed meal application on soil biological parameters" / Cafer Türkmen, David Myrold
A14	"Comparative studies for microbiological activities under normal and saline conditions" / Dellal Abdelkader, Bouchenafa f
A15	"Influence of natural petroleum acids of naphtenic type on the growth of five strains of <i>Pseudomonas</i> sp. in liquid culture" / Dragana Stamenov, Simonida Duric, Timea Hajnal-Jafari
A16	"The investigation of lignin biodegradation by bacteria which were isolated from various organic waste composting" / Esin Eraydın Erdogan, Ayten Namlı
A17	"Relationships between catalase enzyme activity and NPK contents of soils in Avsar Campus, Kahramanmaraş, Turkey" / F. Şüheyda Hepşen-Türkay, Murat Durmuş, Tuğrul Yakupoğlu
A18	"Biological characteristics of kiwifruit orchard soils in Ordu, Turkey" / Funda Irmak Yılmaz
A19	"The effects of biochar application on soil biological properties and plant growth" / Funda Irmak Yılmaz
A20	"Mycorrhizas effects on nutrient interception in two riparian grass species" / Hamid Reza Asghari, Timothy Richard Cavagnaro
A21	"Potential quality of organic inputs for soil carbon sequestration in forest ( <i>Pinus pinaster</i> Ait.) and grassland ( <i>Lolium perenne</i> L.) habitats" / Irene Fernandez
A22	"Long-term (10 years) natural recovery after wildfire on temperate coniferous forests: Soil organic matter composition and Dynamics" / Ana Cabaneiro, Irene Fernandez
A23	"Comparing CO2 emissions and potential C mineralization in soils under eucalyptus plantations from the NW of Spain" / Ana Cabaneiro, Irene Fernandez
A24	"Influence of spinosad on soil microbiological characteristics in Albic Luvisol" / Rıdvan Kızılkaya, İzzet Akça, Tayfun Aşkın, Iraidia Samofalova, Vladimir Olekhov, Natalya Mudrykh
A25	"Soil microbiological consequences of a long-term fertilization experiment in Hungary" / Janos Katai, Agnes Zsuposne Olah, Zsolt Sandor, Magdolna Tallai, Gergely Szilagyi, Imre Vago

<b>A26</b>	"The ability of microbial biomass to increase rhizosphere phosphorus availability in saline soil during the growth of six genotypes of durum wheat" / Khaoula Boudabbous, Nadhira Ben Aissa, Ali Sahli, Youssef Trifa, Hajer Slim Amara
<b>A27</b>	"Soil microbial biomass and gas-production activity (CO <sub>2</sub> ) in Chernozems of different land use" / Kristina Ivashchenko, Vyacheslav Vasenev, Nadezhda Ananyeva
<b>A28</b>	"Biological activity of soils developed on heaps, determined by micromorphological methods" / Krystyna Ciarkowska, Katarzyna Solek-Podwika
<b>A29</b>	"Soil biological activity of chatkal biosphere reserve in Uzbekistan" / Dilfuza Egamberdieva, Lazizakhon Gafurova*, Gulchekhra Nabieva
<b>A30</b>	"Impact of conventional tillage on N-transforming microorganisms in saline soil under cotton" / Laziza Gafurova, Sayyora Murodova, Dilfuza Egamberdieva, Kakhramon Davranov
<b>A31</b>	"Soil respiration and GHG emission response to environment characteristics in agro-ecosystems" / Ligita Balezientiene
<b>A32</b>	"Screening new <i>Sinorhizobium</i> isolates for salinity, pH and drought tolerance exopolysaccharide production and improving growth of alfalfa ( <i>Medicago sativa</i> )" / Mahboobeh Abolhasani Zeraatkar, Amir Lakzian
<b>A33</b>	"Changes of microbiological properties and yield response of wheat in <i>Actinomadura geliboluensis</i> inoculated soils" / Maira Kussainova, Ridvan Kizilkaya
<b>A34</b>	"Antimicrobial pigment produced by desert <i>Streptomyces ramulosus</i> " / Majid Baserisalehi, Saba Azimi, Nima Bahador
<b>A35</b>	"Character of interactions of saprophytic soil microflora via gaseous Metabolites" / Marina L. Sidorenko
<b>A36</b>	"Effect of volatile metabolites from germinating seeds of the soil bacteria" / Marina L. Sidorenko, Lyubov S. Buzoleva
<b>A37</b>	"Carbon dynamics of karst grasslands subjected to woody-plant encroachment" / Mitja Ferlan, Klemen Eler, Dominik Vodnik
<b>A38</b>	"An investigation on the possibilities of using Kombucha (Kombu Tea) and mix microorganisms culture which are Kombucha production waste in agriculture as microbial fertilizer" / Murat Durmuş, Ridvan Kizilkaya
<b>A39</b>	"Investigation of soil microbiota in Western Kazakhstan region using high-throughput sequencing" / Nurlan Sergaliev, Murat Kakishev, Artur Zhiengaliev, Mihail Volodin, Evgenii Andronov, Alexander Pinaev
<b>A40</b>	"In Forensic Sciences: Soil and CSI" / Murat Mert, Ayten Namlı, Fatih Kolay
<b>A41</b>	"Change of the microorganisms quantity in irrigative grey-brown and Meadow-Sierozemic under vegetable soils" / Naila Orujova, Magerram Babayev, Gunel Asgerova
<b>A42</b>	"Change of catalase activity of clay textured soil with 2,4-D (Dichlorophenoxyacetic acid) herbicide applied" / Nalan Kars, Imanverdi Ekberli
<b>A43</b>	"Isolation and identification of ferric reducing bacteria and evaluation of their roles in iron availability in two calcareous soils" / Nasrin Ghorbanzadeh
<b>A44</b>	"Biological activity of sod-podzolic soils on different kinds of farmland" / Natalya M. Mudrykh, Iraida A. Samofalova
<b>A45</b>	"Microbial activity of different earthworms species casts" / Natalya V. Kostina, Juliya E. Kozlova, Tatyana A. Kuznetsova, Marat M. Umarov
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<b>A49</b>	"Effects of land use on changes in soil microbial biomass and residual indices as ecological indicators in temperate grasslands" / Rajasekaran Murugan, Ralf Loges, Friedhelm Taube, André Sradnick, Rainer Georg Joergensen
<b>A50</b>	"Effect of no-tillage on the biodiversity of soil phytopathogenic fungi in the semi arid area (case of Setif area)" Rouag Nouredine, Abdelkader Fahima, Bounechada Mustapha, Makhlof Abdelhamid



<b>A51</b>	"Assessment of earthworm production in two different periods during the vermicomposting organic materials" Saeid Shafaei, Ahmad Ahmadian, Masoud Amini
<b>A52</b>	"Survival efficiency of rhizobium spp. in insecticide treated medium and their ability to promote growth of insecticide treated chickpea ( <i>Cicer arietinum</i> )" Sajid Mahmood Nadeem, Safdar Hussain, Muhammad Ibrahim
<b>A53</b>	"Bio-ecological characteristics of the soil in Baku" / Samira Nadjafova
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<b>A57</b>	"Effects of inoculates on abundance of Actinomycetes in alfalfa rhizosphere" / Snezana Andjelkovic, Tanja Vasic, Jasmina Radovic, Snezana Babic, Zoran Lugic, Dragan Terzic, Simonida Djuric
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<b>A59</b>	"Assessment of microbial biomass and enzyme activities in soil under temperate fruit crops in North Western Himalayan Region" / Sovan Debnath, Ashok K. Patra, Nazeer Ahmed, Sarvendra Kumar, Bramha S. Dwivedi
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<b>A61</b>	"Molecular approaches in identification of ectomycorrhizae and mycorrhizal communities" Tine Grebenc, Marko Bajc, Hojka Kraigher
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<b>A63</b>	"Effects of temperature moisture and nitrogen input on soil respiration of grassland ecosystem" / Yinghui Liu, Yue Li, Lei Niu, Yuqiang Tian
<b>A64</b>	"The effect of temperature and organic matter change on soil respiration in a Central European oak forest" / Zsolt Kotroczo, Zsuzsa Veres, Borbala Biro, Janos Attila Toth, Istvan Fekete
<b>A65</b>	"Effect of herbicide's ingredients on soil microbiological processes in a small plot experiment" / Zsolt Sandor, Agnes Zsuposne Olah, Janos Katai, Magdolna Tallai, Gergely Szilagyi

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<b>B5</b>	"Effect of manure on organic carbon contents and fractal dimensions of aggregates" / Coşkun Gülser, Feride Candemir, Yasemin Kanel, Salih Demirkaya
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<b>B7</b>	"Estimating soil moisture status in peach tree orchards by using crop water stress index" / Cristian Paltineanu, Leinar Septar, Cristina Moale, Gheorghe Lamureanu, Hüsnü Demirsoy, Eyüp Selim Köksal, Rıdvan Kızılkaya, İdris Macit
<b>B8</b>	"Effect of pumice on water retention capacity in soil, growth and yield of spring safflower in dryland conditions" / Davoud Zarehaghi
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<b>B31</b>	"An investigation of shaft resistance in pile jacking and pile driving by finite elements method" / Nader Hataf, Mostafa Barati
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<b>B37</b>	"Water-physical properties of soil of Bukhara Oasis" / Rakhmon Qurvontoev, Sevara Nazarova
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<b>B39</b>	"Transport of bromide in sand columns: Effect of particle size and water surface tension" / Seval Sünal, Sabit Erşahin
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<b>B44</b>	"Shallot of local Palu variety responses under different watering interval, puddling and liming in Palu Valley entisols" / Uswah Hasanah, Danang Widjajanto
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<b>B46</b>	"The relationship between soil physical properties and alpine plant diversity on Qinghai-Tibet Plateau" / Lin Tang, Shikui Dong

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<b>C2</b>	"Scrutinizing of quality indicators of industrial waste gas compressor station Bengestan for irrigation of green spaces" / Ali Gholami, Maryam Chehrenamayenaseri
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<b>C4</b>	"Pressure calcimeter as a simple method for measuring the CaCO <sub>3</sub> content of soil and comparison with Scheibler calcimeter" / Ali Şenlikci, Mustafa Doğu, Emel Eren, Ebru Çetinkaya, Sevinç Karadağ
<b>C5</b>	"The bean ( <i>Phaseolus vulgaris</i> L.) rhizospheric effect on the desorption kinetics of copper using DTPA in amended soils with sewage sludge" / Alireza Hosseinpur
<b>C6</b>	"Relation between exchangeable sodium ratio (ESR) and sodium adsorption ratio (SAR) in some selected soils of Duhok Governorate" / Amer W. Abdul-Kareem, Farhad Ali Hashim
<b>C7</b>	"Usage of X-ray absorption spectroscopy methods in molecular-structural state studies of the Cu (II) and Zn (II) ions in soils" Dina Nevidomskaya, Tatiana Minkina, Alexander Soldatov, Galina Motuzova, Yuliya Podkovyrina
<b>C8</b>	"Determination of plant available boron in agricultural soil by using voltammetric method" / Ebru Çetinkaya, Koray B. Dönmez, Seda Deveci, Mustafa Doğu, Yücel Şahin
<b>C9</b>	"Evaluation of groundwater quality and its suitability for agriculture use in Minufiya governorate, Egypt" / El-Husiny A. Abou Hussien, Wael M. Nada
<b>C10</b>	"Investigation of a novel soil analysis method in agricultural areas of Çarşamba plain for fertilizer recommendation" / Emel Eren, Yalcın Öksüz, Sevinç Karadağ, Selin Özen, Zafer Gemici, Rıdvan Kızılkaya
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<b>C12</b>	"Study of the attachment mechanism of potassium in soils. Application to the montmorillonites bionic Na-Ca" / Hachemi Zaidi, Abdallah Bakhti, Rachid Khatem, Naima Sayah, Mohamed Larid
<b>C13</b>	"Influence of different fertilization on the dissolved organic carbon, nitrogen and phosphorus accumulation in acid and limed soils" Ieva Jokubauskaite, Alvyra Slepetiene, Danute Karcauskiene

<b>C14</b>	"Role of forest canopy on proton budget of the selectively logged peat forest in central Kalimantan, Indonesia" / Ahmad Kurnain
<b>C15</b>	"Influence of grain size on the chemical composition of soil" / Martin Brtnicky, Jan Hladky, Jindrich Kynicky, Anna Hammerova
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<b>C18</b>	"Origin, distribution and transformation of authigenic carbonates in loessic soils" / Martin Kolesar, Jan Curlik
<b>C19</b>	"Fractionation of boron and its relationship with soil properties in Eastern littoral soils of Caspian Sea" / Maryam Samani, Esmaeel Dordipour, Farhad Khormali, Kambiz Bazargan
<b>C20</b>	"Research of the applicability of Mehlich-3 multnutrient extraction method in Thrace region soils" Mehmet Ali Gürbüz, Emine Avşar, Tuğçe Ayşe Kardeş
<b>C21</b>	"Geochemistry of alluvial and desert aquifers in agricultural soils of South Egypt" / Mohamed Soliman Ibrahim, Mohamed Kamal Roshdi, Ahmed Ghalib, Hoseny Farrag
<b>C22</b>	"Role of potassium bearing minerals in desorption of reserved potassium in some soils of Northern Iraq" / Mohammed Al-Obaidi, Hazim Ahmed, Mohammed Khalil
<b>C23</b>	"Study of the nature and content of water-soluble organic compounds in soils of the North-East of the European part of Russia" / Elena Shamrikova, Olesya Kubik, Ivan Gruzdev, Vladimir Punegov
<b>C24</b>	"Soil phosphorus fractions in Harran Plain" / Osman Sönmez, Cengiz Kaya, Salih Aydemir, Tahir Polat, Gülçin Şener
<b>C25</b>	"Boron adsorption onto benchmark soils of New Zealand and its relationship with selected soil properties" / Raza U. Khan, Loga P. Loganathan, Chris W. Anderson, Jianming Xu, Peter Clinton
<b>C26</b>	"The adsorption of heavy metals in the soil, depending on the size of soil particles" / Saglara Mandzhieva, Tatiana Minkina, David Pinski, Elena Antonenko, Tatiana Bauer, Svetlana Sushkova
<b>C27</b>	"Application of olive mill wastewater at different rates in olive field: Effects on the chemical and microbial properties of soil" / Salwa Magdich, Chedlia Ben Ahmed, Béchir Ben Rouina, Makki Boukhris, Emna Ammar
<b>C28</b>	"Influence of humic acid and different organic manures on pristine point of zero charge (PPZC)" / Sanjib Kar
<b>C29</b>	"Stable isotopes: General principles and applications in ecology" / Sasa Zavadlav, Tom Levanic
<b>C30</b>	"Selenium in soils of Moldova" / Ivan Kapitalchuk, Nadezhda Golubkina, Marina Kapitalchuk, Sergey Sheshnitsan
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<b>C32</b>	"Modeling of soluble salts in deficit irrigation for sugar beet and sugar cane in province of Khuzistan, Iran" / Shabnam Alinejad, Feridon Kaveh
<b>C33</b>	"Understanding the humic acid interaction with calcium, barium, and strontium ions in soil: A spectroscopic investigation" / Sofia Oufqir, Paul R. Bloom, Brandy M. Toner
<b>C34</b>	"Influence of <i>Olea europea</i> L. and <i>Ficus Carrica</i> L. fine root activity on the K biodisponibility and clay mineralogy of the rhizosphere" / Sophia Mouas-Bourbia, Pierre Barre, Malika Boudiaf-Nait Kaci, Malika Mouffok, Mohamed Rebbouh, Lila Kessouri, Hallima Ouahab, Arezki Derridj, Bruce Velde
<b>C35</b>	"Elevation kinetics of non-exchangeable potassium release and correlation with soil characteristics" / Vahid Sarvi, Hamidreza Matinfar, Arezo Mahdavi, Azade Mikhak
<b>C36</b>	"Effect of organic fertilizers on different forms of phosphorus and corn yield in Moghan region" Vahid Sarvi, Mohammad Feizian, Azade Mikhak, Arezo Mahdavi
<b>C37</b>	"Geochemical characteristics of the red soil and parent carbonate rocks from SW Bulgaria" / Veselin Mladenov, Emilia Raeva, Stefka Pristavova, Marlena Yaneva, Tsveta Stanimirova, Ahinora Baltakova
<b>C38</b>	"Acid-base properties of humic acids isolated from different sources" / Wael M. Nada, El-Husiny A. Abou Hussien



<b>C39</b>	"Influence of pyrolysis temperature on chemical and physical properties of sewage sludge biochar" / Zahra Khanmohamadi, Majid Afyouni, Mohamad Reza Mosadeghi
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<b>D2</b>	"Assessment of soil erosion with MPSIAC and EPM methods using Arc-GIS package, case study: Chalderan watershed in northwest of Iran" / Ali Aryanfar, Yosef Nabipoor, Morteza Samadian
<b>D3</b>	"Investigating the effects of erosion control efforts on improving soil properties in areas damaged by dam and road building" / Mehmet Özalp, Ferit Dehşet, Bülent Turgut
<b>D4</b>	"Aggregate stability as an indicator of soil crusting, soil erodibility and sediment characteristics for interrill erosion" / Djamal Saidi, Zineb Hamel, Adda Ababou, Abdelkader Bouthiba
<b>D5</b>	"Study of classification and estimation models for soil loss in soil disturbance of engineering construction" / Duihu Ning, Xiaoying Liu, Pengfei Du
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<b>D7</b>	"Effects of organic conditioner applications on soil loss under simulated rainfall conditions" / Elif Öztürk, Nutullah Özdemir, Ömrüm Tebessüm Kop
<b>D8</b>	"Using of spectral and geomorphometric data for water erosion mapping in El Ksiba Region in the central high atlas mountains of Morocco" / El-Mostafa Bachaoui *, Bahija Bachaoui, Soufiane Maimouni, Rachid Lhissou, Abderrazak El-Harti, Abderrahman El-Ghma
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<b>D13</b>	"Assessing the relation of splash erosion with rainfall intensity" Hossein Khaledian
<b>D14</b>	"Transformation of polydispere organization of solid phase in eroded chernozems in the Preural Region" / Ilgiz Khabirov, Ilyusya Gabbasova, Ruslan Suleymanov
<b>D15</b>	"Soil degradation caused by water erosion and its economical aspects" / Jana Podhrazska, Josef Kucera, Petr Karasek
<b>D16</b>	"Work of soil and risks of agricultural erosion : Case of the itinerary technical cereal on tray of Mostaganem, Northwest Algeria" / Mohamed Larid, Abdelkader Boualem, Rachid Khatem, Abdellah Bakhti
<b>D17</b>	"Development of a lanthanide based particle tracer for soil erosions applications" / Laura Cruickshank, Simon Officer, Marc Stutter, Pat Pollard
<b>D18</b>	"Research progress on soil erosion of pisha sandstone area in Loess Plateau" / Lei Zhang *, Jiu-Jun Yang, Xue-Ping Wang, Zhi-Hua Liu
<b>D19</b>	"Effects of cover crops on soil erosion over olive orchards" / Mehmet Parlak, Altıngül Özasan Parlak, Emre Türkmen
<b>D20</b>	"Runoff characteristics of improved tillage vs. conventional tillage under simulated rainfall" / Mzezewa Jestinos, Leon D. van Rensburg
<b>D21</b>	"Effects of organic and inorganic amendments on soil erodibility" / Nutullah Özdemir, Elif Öztürk, Ömrüm Tebessüm Kop, İmanverdi Ekberli
<b>D22</b>	"Sediment yield in Ankara Haymana - Soğulca, İkizce, Kızılıkoyun and Nallıhan – Bozyaka reservoir catchments" Oğuz Demirkıran, Suat Akgül, Yakup Köşker

<b>D23</b>	"Evaluation of suitable methods for stabilization of coastal dunes in Samsun-Bafra" / Serkan İç, Ayşe Erel, Remziye Şengül, Osman Özdemir
<b>D24</b>	"Different pasture amelioration methods effects on soil and water conservation in natural pasture area of minoz creek basin" / Serkan İç, Ayşe Erel, Coşkun Gülser
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<b>E3</b>	"Effect of oil palm press biochar and or/cowdung incubation on selected soil properties and yield of lettuce on tropical Haplic Acrisol" Christian Adler Phares, Daniel Okae-Anti
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<b>E6</b>	"Fertility of calcareous chernozem of the Rostov region under different tillage systems" / Dmitry V. Bozhkov, Olga A. Biryukova, Anna M. Medvedeva, Vladimir V. Tereshchenko
<b>E7</b>	"Assessment of the environmental status of soils with kinetic model of biological growth and rate of growth of agricultural crops" / Michael Gendugov, Gennadiy Glazunov 2, Elena Lotvina
<b>E8</b>	"Alleviating the infertility of an acid sulfate soil by using ground magnesium limestone with or without calcium silicate" / Elisa Azura Azman, Seishi Ninomiya Roslan Ismail, Shamshuddin Jusop
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<b>E11</b>	"Determination of the some soil fertility status of Rhizomatous Iris ( <i>Iris</i> Spp.) plant grown in flora of Turkey" / Erdinç Uysal, Kamil Erken, Erdal Kaya, Serdar Erken
<b>E12</b>	"Mathematical models for soil fertility of Azerbaijan" / Amin I. Ismayilov, Fariz Mikayilsoy
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