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| **Monday, September 25th  - Faculty of Agriculture, Novi Sad** **15:00–19:00 ARRIVAL AND REGISTRATION**  |

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| **Tuesday, September 26th  - Faculty of Agriculture, Novi Sad** **09:00–18:15 OPENING, PLENARY, ORAL AND POSTER PRESENTATIONS**  |
| **09:00 – 10:00**  | **REGISTRATION AND POSTER PLACEMENT**  |
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| **10:00 – 10:30** | **OPENING CEREMONY**  |
| **10:00 – 10:30** | Prof. Dr Milivoj Belić  | Soil Science Society of Serbia - President | Faculty of Agriculture, UNS |
| Prof. Dr Nedeljko Tica  | Dean  | Faculty of Agriculture, UNS |
| Guests |
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| **10:30 – 13:30**  | **PLENARY LECTURES** **Chair:** Milivoj Belić, Ljiljana Nešić, Vladimir Ćirić, Maja Manojlović  |
| PL.01 **10:30 – 10:50**  | **Soil testing system – basic tool for rational nutrient management in agriculture** *Pavel Čermák, Gabriela Mühlbachová, Tomáš Lošák, Jaroslav Hlušek*  |
| PL.02 **10:50 – 11:10**  | **Soil productivity and soil-based cropping in Europe***Gergely Tóth*  |
| PL.03**11:10 – 11:30**  | **Soil informatics and regional cooperation for sustainable management of soil resources and climate change mitigation – the EU Links4Soils project example** *Borut Vrščaj*  |
| **11:30- 12:00**  | **COFFEE**  |
| PL.04 **12:00 – 12:20**  | **Big data and remote sensing in soil science** *Vladimir Crnojević*  |
| PL.05 **12:20– 12:40**  | **Loess paleosols in the Vojvodina region, Northern Serbia: Paleopedology and paleoevironmental significance***Slobodan B. Marković* |
| PL.06**12:40-13:00**  | **The Assessment of the Soil Erosion and Runoff in the Sekularska River Catchment, Northeast Montenegro** Velibor Spalevic , Goran Barovic , Dusko Vujacic , Augusto César Ferreira Guiçardi, Ronaldo Luiz Mincato, Paolo Billi, Paul Sestras, Goran Skataric |
| PL.07**13:00-13:20**  | **Soil functional-environmental assessment and land-use optimization in Russia facing the global changes challenges***Vasenev I.I., Shoba S.A., Vasenev V.I.*  |
| **13:20-13:30** | **DISCUSSION** |
| **13:30– 15:00**  | **LUNCH**  |
| **15:00– 16:45**  | **ORAL PRESENTATIONS** *SECTION 1:* ***SOIL QUALITY*****Chair:** Pavel Čermák, Dragana Jošić, Maja Manojlović |
|  | ***Oral presentations - Invited speakers***  |
| 1SIOP1 **15:00– 15:15**  | ***INDIGENOUS PSEUDOMONAS CHLORORAPHIS SRAINS FROM DIFFERENT SOILS IN SERBIA: GENETIC DIVERSITY, PLANT GROWTH PROMOTING AND BIOCONTROL TREATS*** *Dragana Jošić*  |
|  | ***Oral presentations***  |
| 1SOP3**15:15– 15:25**  | ***NUTRIENT AVAILABILITY AND BALANCE UNDER DIFFERENT INORGANIC AND ORGANIC FERTILIZATION STRATEGIES IN A LONG-TERM FIELD EXPERIMENT****Gabriela Mühlbachová, Pavel Čermák and Martin Káš*  |
| 1SOP4**15:25 – 15:35**  | ***ETHICAL ASPECTS OF SOIL QUALITY*** *Snežana Belanović Simić, Ratko Kadović, Sara Lukić, Predrag Miljković, Aleksandar Baumgertela*  |
| 1SOP5**15:35– 15:45**  | ***INNOVATIVE GRANULAR MULTICOMPOSITE FERTILIZER BASED ON VERMICOMPOST-ANALYTICAL ASPECTS****Vladimir Beškoski, Aleksandra Đurić, Marija Lješević, Branka Kekez, Gordana Gojgić-Cvijovićb Miroslav M. Vrvić*  |
| 1SOP6**15:45 – 15:55**  | ***CONTENT AND MOBILITY OF ALUMINIUM IN ACID SOILS OF CENTRAL SERBIA***Miodrag Jelić, Vera Đekic, Ivica Đalović, Goran Dugalić, Nebojša Gudzić, Aleksandar Đikić  |
| 1SOP7**15:55 – 16:05**  | ***SOIL QUALITY AND PHOSPHOROUS STATUS IN LONG TERM FARMING SYSTEM OF MAIZE****Stanko Milić, Jordana Ninkov, Jovica Vasin, Tijana Zeremski, Živanov Milorad, Vesna Radovanović, Branka Žarković*  |
| 1SOP8**16:05– 16:15**  | ***NUMBER OF MICROORGANISMS IN FOREST SOIL-CORRELATION ANALYSES***Vladimira Seman, Simonida Đurić, Timea Hajnal Jafari, Dragana Stamenov  |
| 1SOP9**16:15– 16:25** | ***P-SOLUBILIZING FUNGI PERFORMANCE ON MANURE AND ROCK PHOSPHATE AND THEIR INFLUENCES ON SOIL AND PLANT PHOSPHOROUS IN CALCAREOUS SOILS****Musrafa Ismail Umar* |
| **16:25 – 16:45** | **DISCUSSION**  |
| **16:45 – 18:15**  | **POSTER PRESENTATIONS**  |
| **18:15-19:00** | **Assembly of Soil Science Society of Serbia** |
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| **Wednesday, September 27th  - Faculty of Agriculture, Novi Sad** **09:00–19:00 ORAL AND POSTER PRESENTATIONS**  |
| 09:00 – 12:30 | ORAL PRESENTATIONS*SECTION 2, SECTION 3:* ***Soil AND FOOD,*** ***Soil  HEALTH***Chair: Svetlana Antić-Mladenović, Jordana Ninkov, Dragoja Radanović |
|  | Oral presentations - Invited speakers |
| 2SIOP109:00 – 09:15  | ***RECLAMATION METHODS AND THEIR OUTCOMES IN SERBIAN MINING BASINS*** *Dragana Ranđelović*  |
|  | Oral presentations |
| 2SOP209:15 – 09:25  | ***SEVERE FLOOD IN SERBIA, 2014: IMPACT ON METALS AND METALLOIDS CONTENT IN ARABLE SOILS****Svetlana Antić-Mladenović, Mirjana Kresović, Dragan Čakmak, Veljko Perović,* *Elmira Saljnikov, Vlado Ličina*  |
| 2SOP309:25 – 09:35  | ***IMPACT OF REDOX CONDITIONS ON Tl MOBILIZATION IN PERIODICALLY FLOODED SOIL (POMORAVLJE)****Svetlana Antić-Mladenović, Mirjana Kresović, Jörg Rinklebe, Vlado Ličina*  |
| 2SOP409:35 – 09:45  | **MANAGEMENT OF WASTE CONTAINING POLYCHLORINATED BIPHENYLS TO LOWER THE RISK OF SOIL CONTAMINATION***Tatjana Golubović, Ivan Krstić, Slobodan Golubović*  |
| 2SOP509:45 – 09:55  | ***THE ASSESSMENT OF THE SOIL EROSION AND RUNOFF IN KATETE RIVER CATCHMENT MALAWI*** *Patrick Kalonde, Velibor Spalević, Shareef Mgwira*  |
| 2SOP609:55- 10:05  | ***BIOLOGICAL RECULTIVATION DEPOSOL IN OPEN PITS MB KOLUBARA*** *Gordana Djikic, Jadranka Vukasinovic*  |
| 2SOP710:05- 10:15 | ***Land Degradation Neutrality in Serbia****Zivotic, Lj.,Golubović, S., Radmanovic, S., Belic, M., Djordjevic, A* |
| 2SOP810:15- 10:25 | ***MANAGEMENT OF CONTAMINATED SITES IN THE REPUBLIC OF SERBIA*** *Dragana Vidojević, Nataša Baćanović, Branislava Dimić*  |
| 2SOP910:25- 10:35 | ***TRACE ELEMENTS in soils AND PLANTS OF urban PARKS in Novi Sad (Serbia)*** *Maja Manojlović, Massimo Angelone, Giovanna Armiento, Ranko Čabilovski, Vladimir Ćirić, Maria Rita Montereali,Cinzia Crovato, Maurizio De Cassan, Dragana Vidojević*  |
| 10:35 – 10:55  | **DISCUSSION**  |
| 10:55 - 11:25  | **COFFEE BREAK** |

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|  | Oral presentations - Invited speakers |
| 3SIOP111:25– 11:40  | ***ARSENIC CONTENT AND DISTRIBUTION IN AGRICULTURAL SOILS OF VOJVODINA PROVINCE, SERBIA*** *Jordana Ninkov, Dušan Banjac, Stanko Milić, Jovica Vasin, Jelena Marinkovi,* *Borislav Banjac, Aleksandra Mihailović*  |
| 3SIOP211:40– 11:55  | ***CROP ADAPTATION STRATEGIES FOR PHOSPHORUS-USE EFFICIENCY IMPROVMENT****Ivica Đalović, Yinglong Chenb, Srdjan Šeremešić, Miodrag Jelić, Vladimir Ćirić, Dragiša Milošev*  |
|  | Oral presentations |
| 3SOP311:55 – 12:05  | ***FOLIAR TREATMENT OF SE AND 24- EPIBRASSINOLIDE AS WAYS OF PLANTS ADAPTATION****Voronina L.P., Morachevskaya E.V.* |
| 3SOP412:05- 12:15 | ***Trace elements in soils and vegetables on organic farms in Serbia*** *Maja Manojlović, Ranko Čabilovski, Klara Marijanušić, Dragan Kovačević*  |
| 12:15-12:30  | **DISCUSSION** |
| 12:30– 14:00  | **LUNCH** |
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| 14:00– 16:35 | ORAL PRESENTATIONS*SECTION 4, SECTION 5:* ***Soil ORGANIC MATTER, PEDOLOGY*****Chair**: Jovica Vasin, Tatjana Mitkova, Aleksandar Đorđević |
|  | Oral presentations - Invited speakers |
| 4SIOP1 14:00 – 14:15  | ***COMPOSTS AND DIGESTATES FROM ORGANIC WASTES AS SUSTAINABLE ALTERNATIVE TO SYNTHETIC FERTILIZERS****Adele Muscolo, Teresa Papalia, Giovanna Settineri, Federico Romeo, Carmelo Mallamaci, Emilio Attinà, Maria Rosaria Panuccio*  |
|  | Oral presentations |
| 4SOP214:15 – 14:25  | ***CARBON FOOTPRINT ASSESSMENT OF THE FIELD CROPS IN A LONG-TERM EXPERIMENT OF CHERNOZEM*** *Srđan Šeremešić, Vladimir Ćirić, Ivica Đalović, Jovica Vasin, Dragiša Milošev, Bojan Vojinov*  |
| 4SOP314:25 – 14:35  | ***SOIL ORGANIC CARBON STOCKS IN THE REPUBLIC OF SERBIA*** *Dragana Vidojević, Maja Manojlović, Aleksandar Đorđević, Ljiljana Nešić, Branislava* *Dimić* |
|  | Oral presentations - Invited speakers |
| 5SIOP114:35– 14:50  | ***CLASSIFICATION OF SALINE SOILS IN VOJVODINA PROVINCE, SERBIA****Jovica Vasin, Jordana Ninkov, Stanko Milić, Milorad Živanov, Milivoj Belić, Ljiljana Nešić, Vladimir Ćirić* |
| 5SIOP214:50-15:05 | ***ESTIMATION OF SOIL TEXTURE IN VOJVODINA REGION BY MEANS OF DRIFT SPECTROSCOPY*** *Branislav Jović, Vladimir Ćirić, Marina Kovačević, Srđan Šeremešić* |
| 15:05-15:25  | ***COFFEE*** |
|  | Oral presentations |
| 5SOP315:25 – 15:35  | ***PHYSICAL - MECHANICAL PROPERTIES OF VERTISOLS FROM PCINJA DISTRICT****Slađana Golubović, Svjetlana Radmanović, Zorica Tomić, Ljiljana Nešić, Aleksandar Đorđević* |
| 5SOP415:35 – 15:45  | ***PEDOLOGICAL CHARACTERISTICS PROTECTED AREA „VELIKA PLEĆ – VRAŽIJI VIR“ ON THE MOUNTAIN MALJEN****Sonja Tošić, Milan Knežević, Ratko Kadović, Olivera Košanin, Marko Perović*  |
| 5SOP515:45- 15:55 | ***A CONTRIBUTION TO THE MORPHOLOGY OF THE JERINA KARST SOIL TYPES OF THE TERRA ROSSA GROUP*** Borut Vrščaj  |
| 5SOP615:55- 16:05 | ***MINERALOGICAL AND GEOCHEMICAL PROPERTIES OF SOIL AROUND KUTI LAKE*** *Stanko Ružičić, Jura Banfić*  |
| 5SOP716:05- 16:15 | ***The impact of agriculture on the Cambisol soil developed on the area of the Velika Gorica water well field*** Stanko Ružičić, Zoran Kovač, Dražen Tumara  |
| 16:15-16:35  | **DISCUSSION** |
| 16:35 – 19:45  | ORAL PRESENTATIONS*SECTION 6 , SECTION 7:* ***Soil INFORMATICS , SOIL AND WATER*** Chair: Borut vrščaj, Borivoj Pejić, Pavel Benka |
|  | Oral presentations - Invited speakers |
| 6SIOP116:35- 16:50  | ***eSOIL – AN END-USER ORIENTED SOIL INFORMATION WEB GIS PLATFORM***Borut Vrščaj, Janez Bergant  |
|  | Oral presentations |
| 6SOP316:50 – 17:00  | ***THE TILLAGE RESISTANCE SENSOR RESPONSE TO THE DIFFERENT SOIL CONDITIONS****Marko Kostić, Nebojša Dedović, Tibor Molnar* |
| 6SOP417:00- 17:10  | ***CREATION OF THE MACEDONIAN SOIL INFORMATION SYSTEM, APPLICATION OF DIGITAL SOIL MAPPING AND SOIL QUALITY ASSESSMENT****Borut Vrščaj, Laura Poggio, Duško Mukaetov, Ronald Vargas*  |
| 6SOP517:10- 17:20  | ***ASSESSING THE NITROGEN BALANCE IN AN AGRICULTURAL WATERSHED AREA – A GIS STUDY TOWARDS IMPROVEMENT OF THE CHEMICAL AND ECOLOGICAL STATUS OF THE CROSS-BORDER KUČNICA RIVER****Marjan Šinkovec, Jani Bergant, Borut Vrščaj*  |
| 6SOP617:20- 17:30  | ***MAPPING POTENTIAL TRUFFLE GROWING AREAS IN SLOVENIA – AN OPPORTUNITY FOR ADDITIONAL AGRICULTURAL ACTIVITY****Janez Bergant, Marjan Šinkovec, Borut Vrščaj*  |
| 6SOP717:30- 17:40  | ***THE GIS-BASED LAND SUITABILITY ASSESSMENT FOR VINEYARDS – DERIVING INFORMATION FOR MUNICIPAL LAND USE PLANNING***Janez Bergant, Borut Vrščaj  |
| *6SOP8**17:40-17:50*  | ***APPLICATION OF ALXP COMPUTER MODEL FOR FERTILIZATION RECOMMENDATION IN CONSERVATION SOIL TILLAGE SYSTEMS****Boris Đurđević, Danijel Jug, Irena Jug, Vesna Vukadinović, Bojan Stipešević, Bojana Brozović*  |
| 17:50- 18:10 | ***COFFEE*** |
|  | Oral presentations - Invited speakers |
| 7SIOP1 18:10-18:25  | ***VERTICAL / CITY FARMING IN SERBIA AS AN ALTRENATIVE TO SOIL FARMING IN HORTICULTURE*** ***- GENERAL OVERVIEW -*** *Dubravka Savić, Žarko Ilin*  |
|  | Oral presentations |
| 7SOP218:25 – 18:35  | ***WATER-YIELD RELATIONS OF DRIP IRRIGATED MAIZE IN TEMPERATE CLIMATIC CONDITIONS****Borivoj Pejić, Ksenija Mačkić, Vladimir Sikora, Livija Maksimović, Branka Kresović, Boško Gajić, Ivica Đalović*  |
| 7SOP318:35 – 18:45  | ***APPLICATION OF INFILTRATION POOLS IN REDUCING RUNOFF FROM URBAN BASINS****Ranka Erić, Željko Vasilić, Miloš Stanić, Vesna Đukić*  |
| 7SOP418:45 – 18:55 | ***SPATIAL AND TEMPORAL ESTIMATION OF FLOODING AND EROSION SUSCEPTIBLE AREAS BY APPLICATION OF A PHYSICALLY BASED DISTRIBUTED MODEL****Vesna Đukić, Ranka Erić, Sara Lukić*  |
| 7SOP518:55 – 19:05  | ***ECONOMIC ANALYSIS OF AGROKAPILARIS IRRIGATION SYSTEM APPLICATION IN OPEN FIELD IN ARID CONDITIONS*** *Jonel Subić, Zdenko Zloh*  |
| 7SOP619:05 – 19:15  | ***ECONOMIC ANALYSIS OF AGROKAPILARIS IRRIGATION SYSTEM APPLICATION IN ORGANIC GREENHOUSE VEGETABLE PRODUCTION****Nataša Kljajić, Milan Ugrinović*  |
| 7SOP719:15- 19:25  | ***OCCURRENCE OF DROUGHT AND NEEDS FOR IRRIGATION IN CENTRAL VOJVODINA*** *Livija Maksimović, Svetimir Dragović, Borivoj Pejić, Stanko Milić, Ksenija Mačkić*  |
| 7SOP819:25- 19:35  | ***NEW TEHNOLOGIES IN IRRIGATION PRACTICE*** *Spasenija Gajinov, Borivoj Pejić, Srđan Krčo, Ksenija Mačkić, Livija Maksimović*  |
| 19:35- 19:45 | **DISCUSSION**  |

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| **Thursday, September 28th  - 08:00–20:00 FIELD TRIP**  |
| 8:00  | **Departure from the Faculty of Agriculture ( at the faculty garage, entrance 3)**  |
| 8:00- 9:30  | **Tour of the Kovilj Monastery, monastery of the Serbian Orthodox Church in Bačka, in Vojvodina from the 17th century.****It was built in honor of the Holy Archangels Michael and Gabriel. Monastery is under the protection of the state since 1949, as a cultural monument.**  |
| 10:15- 12:00  | **Tour the Rimski Šančevi - Institute of Field and Vegetable Crops- 2 pedological profiles of chernozem on the loess terrace of South Backa ( One in intensive field production and the other in the forest- Establishing the influence of the land use change on soil).****Refreshment and snacks.**  |
| 12:45- 13:15  | **Location Veternik- Soil profile of Solonetz – Natural meadow** |
| 13:35- 15:00  | **Tour the contemporary apple orchards at AD Podunavlje- Čelarevo, Delta Agrar, the soil profile of Chernozem on alluvial silt.****Refreshment and tasting apples.**  |
| 15:00- 16:30  | **Tour the fields of Janko Medveđ, the most successful carpets producer in Vojvodina, soil profile of the Humogley (Gleysol).****Refreshment.**  |
| 17:00- 20:00  | **Carda Braša, near Begeč on the Danube - fish dish and music.**  |
| 20:00  | **Return to Novi Sad**  |