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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 | | | | |
| 2SIOP1  09:00 – 09:15 | ***RECLAMATION METHODS AND THEIR OUTCOMES IN SERBIAN MINING BASINS***  *Dragana Ranđelović* | | | | |
|  | Oral presentations | | | | |
| 2SOP2  09:15 – 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* | | | | |
| 2SOP3  09:25 – 09:35 | ***IMPACT OF REDOX CONDITIONS ON Tl MOBILIZATION IN PERIODICALLY FLOODED SOIL (POMORAVLJE)***  *Svetlana Antić-Mladenović, Mirjana Kresović, Jörg Rinklebe, Vlado Ličina* | | | | |
| 2SOP4  09:35 – 09:45 | **MANAGEMENT OF WASTE CONTAINING POLYCHLORINATED BIPHENYLS TO LOWER THE RISK OF SOIL CONTAMINATION**  *Tatjana Golubović, Ivan Krstić, Slobodan Golubović* | | | | |
| 2SOP5  09:45 – 09:55 | ***THE ASSESSMENT OF THE SOIL EROSION AND RUNOFF IN KATETE RIVER CATCHMENT MALAWI***  *Patrick Kalonde, Velibor Spalević, Shareef Mgwira* | | | | |
| 2SOP6  09:55- 10:05 | ***BIOLOGICAL RECULTIVATION DEPOSOL IN OPEN PITS MB KOLUBARA***  *Gordana Djikic, Jadranka Vukasinovic* | | | | |
| 2SOP7  10:05- 10:15 | ***Land Degradation Neutrality in Serbia***  *Zivotic, Lj.,Golubović, S., Radmanovic, S., Belic, M., Djordjevic, A* | | | | |
| 2SOP8  10:15- 10:25 | ***MANAGEMENT OF CONTAMINATED SITES IN THE REPUBLIC OF SERBIA***  *Dragana Vidojević, Nataša Baćanović, Branislava Dimić* | | | | |
| 2SOP9  10:25- 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 | |
| 3SIOP1  11:25– 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* | |
| 3SIOP2  11:40– 11:55 | ***CROP ADAPTATION STRATEGIES FOR PHOSPHORUS-USE EFFICIENCY IMPROVMENT***  *Ivica Đalović, Yinglong Chenb, Srdjan Šeremešić, Miodrag Jelić, Vladimir Ćirić, Dragiša Milošev* | |
|  | Oral presentations | |
| 3SOP3  11:55 – 12:05 | ***FOLIAR TREATMENT OF SE AND 24- EPIBRASSINOLIDE AS WAYS OF PLANTS ADAPTATION***  *Voronina L.P., Morachevskaya E.V.* | |
| 3SOP4  12:05- 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 | |
| 4SOP2  14:15 – 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* | |
| 4SOP3  14:25 – 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 | |
| 5SIOP1  14:35– 14:50 | ***CLASSIFICATION OF SALINE SOILS IN VOJVODINA PROVINCE, SERBIA***  *Jovica Vasin, Jordana Ninkov, Stanko Milić, Milorad Živanov, Milivoj Belić, Ljiljana Nešić, Vladimir Ćirić* | |
| 5SIOP2  14:50-15:05 | ***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 | |
| 5SOP3  15:25 – 15:35 | ***PHYSICAL - MECHANICAL PROPERTIES OF VERTISOLS FROM PCINJA DISTRICT***  *Slađana Golubović, Svjetlana Radmanović, Zorica Tomić, Ljiljana Nešić, Aleksandar Đorđević* | |
| 5SOP4  15:35 – 15:45 | ***PEDOLOGICAL CHARACTERISTICS PROTECTED AREA „VELIKA PLEĆ – VRAŽIJI VIR“ ON THE MOUNTAIN MALJEN***  *Sonja Tošić, Milan Knežević, Ratko Kadović, Olivera Košanin, Marko Perović* | |
| 5SOP5  15:45- 15:55 | ***A CONTRIBUTION TO THE MORPHOLOGY OF THE JERINA KARST SOIL TYPES OF THE TERRA ROSSA GROUP***  Borut Vrščaj | |
| 5SOP6  15:55- 16:05 | ***MINERALOGICAL AND GEOCHEMICAL PROPERTIES OF SOIL AROUND KUTI LAKE***  *Stanko Ružičić, Jura Banfić* | |
| 5SOP7  16:05- 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 |
| 6SIOP1  16:35- 16:50 | ***eSOIL – AN END-USER ORIENTED SOIL INFORMATION WEB GIS PLATFORM***  Borut Vrščaj, Janez Bergant |
|  | Oral presentations |
| 6SOP3  16:50 – 17:00 | ***THE TILLAGE RESISTANCE SENSOR RESPONSE TO THE DIFFERENT SOIL CONDITIONS***  *Marko Kostić, Nebojša Dedović, Tibor Molnar* |
| 6SOP4  17:00- 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* |
| 6SOP5  17:10- 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* |
| 6SOP6  17:20- 17:30 | ***MAPPING POTENTIAL TRUFFLE GROWING AREAS IN SLOVENIA – AN OPPORTUNITY FOR ADDITIONAL AGRICULTURAL ACTIVITY***  *Janez Bergant, Marjan Šinkovec, Borut Vrščaj* |
| 6SOP7  17:30- 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 |
| 7SOP2  18:25 – 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* |
| 7SOP3  18:35 – 18:45 | ***APPLICATION OF INFILTRATION POOLS IN REDUCING RUNOFF FROM URBAN BASINS***  *Ranka Erić, Željko Vasilić, Miloš Stanić, Vesna Đukić* |
| 7SOP4  18:45 – 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* |
| 7SOP5  18:55 – 19:05 | ***ECONOMIC ANALYSIS OF AGROKAPILARIS IRRIGATION SYSTEM APPLICATION IN OPEN FIELD IN ARID CONDITIONS***  *Jonel Subić, Zdenko Zloh* |
| 7SOP6  19:05 – 19:15 | ***ECONOMIC ANALYSIS OF AGROKAPILARIS IRRIGATION SYSTEM APPLICATION IN ORGANIC GREENHOUSE VEGETABLE PRODUCTION***  *Nataša Kljajić, Milan Ugrinović* |
| 7SOP7  19:15- 19:25 | ***OCCURRENCE OF DROUGHT AND NEEDS FOR IRRIGATION IN CENTRAL VOJVODINA***  *Livija Maksimović, Svetimir Dragović, Borivoj Pejić, Stanko Milić, Ksenija Mačkić* |
| 7SOP8  19:25- 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** |