



Institute of forestry, Belgrade



INTERNATIONAL UNION OF FOREST RESEARCH ORGANIZATIONS



EFI ASSOCIATED EVENT



INTERNATIONAL CENTRE OF FORESTRY AND FOREST INDUSTRIES



FACULTY OF APPLIED ECOLOGY

Organize

International Scientific Conference

**„FORESTS IN FUTURE - SUSTAINABLE USE, RISKS AND
CHALLENGES“**

4 -5 October 2012, Belgrade, Republic of Serbia

CONFERENCE PROGRAMME

Day 1, 4th October, Thursday

8⁰⁰ - 17⁰⁰

Participants and Guests Registration (4th floor)

11⁰⁰ -12³⁰

Official Conference Programme (Main conference room, 4th floor)

11⁰⁰ -11³⁰

Conference Opening Ceremony with Welcome Addresses

11³⁰ -12³⁰

Conference Committee Plenary Lecture

Key note Presentation

**- POSITIONING FOREST RESEARCH IN THE FUTURE – THE CONTRIBUTION OF
IUFRO**

Buck A. IUFRO

Institute of Forestry

Rakonjac Lj., Institute of Forestry, Belgrade, Serbia

Dedicated Plaques Assigning

12³⁰ -13⁰⁰

Coffee break

Pause for Taking Group Photos

13⁰⁰-14³⁰

Lunch in Hotel Mihajlovac

14³⁰-17³⁰

Scientific Conference working Programme

14³⁰-17³⁰

Scientific sessions (15⁴⁵-16⁰⁰ Coffee break)

14³⁰-17³⁰

Main Conference room, 4th floor

SECTION I - Forest Assessment, Modeling and Management, Forest management planning

Section I chairman's – moderators: Milos Eljos, Koprivica Miloš

Invited paper

- **ESTIMATES OF BIOMASS AND CARBON STOCK IN BEECH HIGH FORESTS IN SERBIA**
Koprivica M., Matović B., Vučković M., Stajić B., Čokeša V.

Oral presentations

- **STRUCTURAL AND PRODUCTION CHARACTERISTICS OF MIXED FORESTS OF BEECH AND SPRUCE ON KOPAONIK**
Medarević M., Banković S., Pantić D., Šljukić B., Obradović S., Borota D.
- **CHARACTERISTICS OF SILVER FIR DEVELOPMENT IN EVEN-AGED FORESTS AT DIFFERENT SITES ON Mt. GOČ**
Pantić D., Banković S., Medarević M., Šljukić B., Obradović S., Borota D.
- **DETERMINATION OF THE MOST APPROPRIATE METHOD OF ORIENTAL BEECH (*Fagus orientalis* Lipsky) STEM FORM COEFFICIENT IN TURKEY**
Carus S., Çatal Y.
- **MONITORING OF FOREST AREA CHANGES USING SNOW COVERED SATELLITE IMAGERY IN NORTHERN EUROPE**
Peterson U., Liira J.
- **HORIZONTAL SPATIAL ARRANGEMENT OF BEECH TREES IN PURE AND MIXED BEECH STANDS IN SERBIA**
Stajić B., Vučković M., Smiljanić M., Koprivica M., Matović B.
- **ACCURACY OF NUMERICAL INTEGRATION METHODS IN TREE VOLUME ESTIMATION**
Kitikidou K., Milios E., Gotsi M., Stampoulidis A., Vrizas K., Ketipis V.
- **OPTIONS FOR USING REMOTE SENSING AND ITS RELIABILITY IN STRUCTURAL AND SPATIAL DETERMINATION OF FOREST ECOSYSTEMS**
Pantić D., Medarević M., Tubić B., Borota D.
- **ASSESSING STAND DENSITY INDEX FROM NATIONAL FOREST INVENTORY DATA**
Eastaugh C.
- **OPERATING EFFICIENCY OF MTZ 1025 TRACTOR EQUIPPED WITH A SENSOR DISC HARROW IN THE TREATMENT OF POPLAR PLANTATIONS**
Danilović M., Gačić D., Đorđević Z.
- **FOREST REGENERATION SURVEY WITH AN ANGLE-DISTANCE METHOD: STUDY CASE OF NATURALLY REGENERATED CHAMAECYPARIS TREES**
Trifković S., Sakai T., Yamamoto H.
- **GROWTH MODELS OF SERBIAN SPRUCE (*Picea omorika* Pančić/Purkyně) TREES IN DIFFERENT BIOLOGICAL POSITIONS IN THE SEED ORCHARD "ZANOŽJE VITEZ"**
Dukić V., Mataruga M., Maunaga Z., Petrović D., Cvjetković B.
- **DEAD WOOD IN THE MANAGED BEECH FORESTS IN SERBIA**
Koprivica M., Matović B., Stajić S., Čokeša V., Jović Đ.
- **PRINCIPAL SCENARIOS OF BOREAL FORESTS MANAGEMENT: ESTIMATION FROM POINT OF VIEW OF SUSTAINABILITY AND THEORY OF GROWTH**
Alekseev A.
- **REAL FORESTS PRODUCTIVE WORTH DETERMINATION METHOD**
Lojo A., Delić S., Musić J.
- **TREE RINGS, FORESTS AND WATER**
Cherubini P.
- **INVESTIGATION OF STRUCTURAL CHARACTERISTICS OF *Fagetus-orientalis*, NAV, ASALEM, GUILAN, IRAN**
Razavi M., Abedi T., Pourbabaei H.
- **GEOMATICS IN FORESTRY: ANALYSIS OF SCIENTIFIC JOURNALS (2010-2011)**
Gajos M.

Posters

- **EFFECTS OF THINNING CUT OF BRUTIAN PINE (*Pinus brutia* TEN.) PLANTATION STANDS OF BURDUR REGION OF TURKEY**
Çatal Y., Carus S., Demirkol M.
- **FOREST MANAGEMENT IN PROTECTIVE WATERSHED AREA OF PALJANSKA MILJACKA ON JAHORINA MOUNTAIN**
Rajić-Bijelić B., Čabaravdić A.
- **HOMOGENEITY OF THE FIR AND SPRUCE STANDS IN MANAGEMENT UNIT "IGMAN"**
Ibrahimspahić A., Balić B., Lojo A.

14³⁰-15⁴⁵

Library Conference room, ground floor

SECTION III - Climate changes

Section III chairman's – moderators : Raftyannis Yannis, Babalik Ahmet, Ratknić Mihailo

Invited paper

- **CLIMATIC CHANGES AND THE CONCEPT OF SUSTAINABLE USE OF RENEWABLE NATURAL RESOURCES**
Ratknić M., Miletić Z., Braunović S., Stajić S., Čirković T

Oral presentations

- **FOREST FIRE PREVENTION AND CLIMATE CHANGE IN GREECE**
Raftoyannis Y.
- **THE RESPONSE OF NORWAY SPRUCE, EUROPEAN BEECH AND SILVER FIR ON CLIMATE VARIATION IN WEST CARPATHIANS**
Petráš R., Bošćan M., Mecko J., Šebeň V.
- **FORESTS – THE CRUCIAL PLAYER OF THE GLOBAL CARBON CYCLE – ENVIRONMENTAL SENSITIVITY AND SEASONAL COURSE**
Marek M.
- **CLIMATE CHANGE IN SERBIA AND ITS IMPACT ON FOREST ECOSYSTEMS**
Krstić M., Govedar Z., Bjelanović I., Keren S.
- **NORWAY SPRUCE MONOCULTURE VERSUS NEAR-NATURAL FOREST MANAGEMENT: COMPARISON OF ENERGY, CARBON AND ECONOMIC BALANCE**
Plch R., Pecháček O., Vala V., Pokorný R., Cudlín P.
- **CLIMATE CHANGE IN THE REPUBLIC OF SRPSKA, BOSNIA AND HERZEGOVINA AND POTENTIAL IMPACT ON FOREST ECOSYSTEMS**
Trbić G., Krstić M., Govedar Z., Bjelanović I., Keren S.
- **CHANGES IN SPECIES COMPOSITION OF VEGETATION AND EPIGEIC SPIDER COMMUNITIES IN OAK-HORNBEAM FOREST IN BĀB (SLOVAKIA) DURING 40 YEARS**
Oszlányi J., Gajdoš P., Halada L., David S.
- **THE OCCURRENCE AND DEVELOPMENT OF FUNGI ON TREES WITH MECHANICAL INJURIES UNDER THE INFLUENCE OF THE ANTHROPOGENIC FACTOR AND CLIMATIC CHANGES**
Marković M., Rajković S., Čokeš V.
- **EROSIVE PROCESSES IN THE ĐORĐEVAČKA RIVER BASIN (SOUTH-EAST SERBIA) IN THE PERIOD 1953-2011**
Braunović S., Kabiljo M.

Posters

- **PLANTING METHOD INFLUENCE SPRUCE SEEDLINGS GROWTH ON FORESTED AREA ON Mt KOPAONIK AND IMPACT ON MICROCLIMATE**
Đukić M., Đunisijević Bojović D., Dožić S., Obratov Petković D., Grbić M., Bjedov I.
- **THE GROWTH AND BIODIVERSITY OF SPRUCE STANDS IN VARIABLE CLIMATE CONDITIONS (CASE STUDY)**
Gil W., Ambroży S., Grodzki W.
- **THE ANTIOXIDATIVE CAPACITY OF FOUR BASIDIOMYCETOUS FUNGAL SPECIES FROM FRUŠKA GORA PROVENANCE AS A POTENTIAL BIOCHEMICAL INDICATORS OF ENVIRONMENTAL DISTURBANCE**
Trudić B., Karaman M., Kebert M., Galović V., Novaković M.
- **THE IMPACT OF CLIMATE CHANGE ON REPRODUCTIVE POTENTIAL OF INVASIVE SPECIES *Aster lanceolatus* WILLD.**
Nešić M., Obratov-Petković D., Bjedov I., Skočajić D., Đunisijević-Bojović D.
- **EFFECTS OF CLIMATE CHANGE ON THE TURKISH FORESTS**
Babalik A., Sarikaya O.
- **NORWAY SPRUCE (*Picea abies* (L.) H. KARST.) DAMAGE AND CLIMATE CHANGE**
Žemaitis P., Stakėnas V., Ozolinčius R.
- **BIOENGINEERING METHODS FOR ERODED REGIONS WITH APPLICATION OF SOME USEFUL PLANT SPECIES**
Matić V., Tatović N.

14³⁰-15⁴⁵

Hall 27, first floor

SECTION X - Wildlife management

Section X chairman's – moderators: Beşkardeş Vedat, Popović Z.

Invited paper

- **STATE AND TRENDS OF THE HUNTING SECTOR IN SERBIA AS THE BASE FOR THE SUSTAINABLE GAME MANAGEMENT**
Popović Z., Lavadinović M.V., Djordjević M., Beuković M.

Oral presentations

- **BIOLOGICAL CARRYING CAPACITY OF FOREST VEGETATION FOR THE RED DEER RE-INTRODUCTION IN THE AREA OF HUNTING GROUND HOMOLJE NEAR ŽAGUBICA**
Marinović Lj., Lavadinović M.V., Cvjetičanin R., Ristić Z.
- **CORRELATION BETWEEN THE EGG SHELL COLOR AND PHEASANT EGG INCUBATION**
Ristić Z., Ušćebrka G., Marković V., Lavadinović M.V., Stojanović S., Kovačević M.
- **COMPARATIVE ANALYSIS OF HUNTING GROUNDS IN THE AREA OF BELGRADE**
Gačić D., Danilović M., Mladenović S.
- **WILDLIFE RESERVES, MANAGEMENT PLANS AND PLANNING EFFORTS IN TURKEY**
Beşkardeş V., Arslangündoğdu Z., Hızal E., Ketten A., Yöntem O.
- **FOREST CERTIFICATION AND PROTECTION OF THE BIRD FAUNA IN SERBIA**
Puzović S.

- **HUNTING-TOURIST SIGNIFICANCE OF FENCED HUNTING GROUNDS**
Ristić Z., Marković V., Lavadinović M.V., Božić D., Barović V., Kovačević M.
- **MORPHOLOGICAL CHARACTERISTICS OF PHEASANT EGGS AND THEIR INFLUENCE ON THE EMBRYONIC AND NEONATAL DEVELOPMENT OF PHEASANT CHICKENS**
Ušćebrka G., Ristić Z., Stojanović S., Žikić D., Kanački Z., Bošnjak D.
- **IMPROVEMENT OF VETERINARY LEGISLATION IN HUNTING IN ACCORDANCE WITH EU STANDARDS**
Urošević M., Ristić Z., Petrović J., Jajić I

16⁰⁰-17³⁰

Hall 27, first floor

SECTION IX - Biomass and carbon of forest ecosystems

Section IX chairman's – moderators: Oszlányi Julius, Veselinović Milorad

Invited paper

- **WOOD BIOMASS CHALLENGE AND OBLIGATION OF THE 21ST CENTURY**
Veselinović M., Vilotić D., Mitrović S., Šijačić-Nikolić M., Stefanović T.

Oral presentations

- **FOREST RESIDUE UTILIZATION IN BEECH STANDS THINNING**
Danilović M., Milovanović B., Karić S.
- **PRIMARY PRODUCTION OF CALORIFIC VALUE OF POPLAR CLONES IN SLOVAKIA**
Petráš R., Oszlányi J., Jamnická G., Mecko J.
- **THE INFLUENCE OF FERTILISING ON GROWTH OF SEEDLINGS *Paulownia* spp.**
Mitrović S., Veselinović M., Vilotić D., Bojović S., Šijačić-Nikolić M., Čule N.
- **APPLICATION OF CARBON CYCLE MODELING IN SUSTAINABLE MANAGEMENT OF FOREST ECOSYSTEMS**
Radojević U., Milovanović J., Šijačić-Nikolić M.
- **ECONOMIC AND SOCIAL CHALLENGES OF BIOMASS PRODUCTION SUSTAINABILITY IN SERBIA**
Spasić S., Jovanović B.
- **ABOVEGROUND PHYTOMASS MENSURATION OF HORNBEAM TREES IN THE STANDS OF CENTRAL PART OF THE RIGHT-BANK FOREST-STEPPE ZONE.**
Andrii Z.
- **REVITALIZATION OF BEECH STANDS - ECOLOGICAL NECESSITY AND POTENTIAL OF BIOMASS UTILISATION**
Bobinac M., Andrašev S.
- **THE CONCEPT OF OBTAINING DRIED BIOMASS FROM COMBUSTION PROCESS AND ITS USE FOR BRIQUETTES PRODUCTION**
Topić R., Cuprić N., Dedić A.
- **MORFO-PHYSIOLOGICAL CHARACTERISTICS OF *Miscanthus X giganteus* IN THE FIRST TWO YEARS OF DEVELOPMENT**
Mitić N., Đorđević A., Dražić G., Milovanović J.

Posters

- **BIOMASS PRODUCTION IN CULTIVATED WETLAND ECOSYSTEMS**
Dražić G., Đorđević A., Arandelović M., Mitić N., Babović N.
- **POTENTIAL OF BIOMASS FROM SERBIAN FORESTS FOR COMBINE HEAT AND POWER COGENERATION**
Dedić A., Matić V., Salemović D.
- **RELATIONSHIP BETWEEN THE FOREST STAND ENERGY BALANCE AND FOREST CARBON STORAGE**
Marková I., Marek M.
- **WOOD BIOMASS AND DIFFERENT WAYS OF ITS UTILIZATION IN CHP PLANTS**
Dedić A.

19⁰⁰-22⁰⁰

Ceremonial Dinner

Day 2, 5th October, Friday

8⁰⁰ - 14⁰⁰

Participants and Guests Registration (4th floor)

9⁰⁰-12³⁰

Scientific Conference working Programme

9⁰⁰-12³⁰

Scientific sessions (10³⁰-10⁴⁵ Coffee break)

9⁰⁰-12³⁰

Main conference room, 4th floor

SECTION VI - Forest protection

Section VI chairman's – moderators: Georgiev Georgi , Tabaković –Tošić Mara

Invited papers

- **BIOLOGICAL CONTROL – CURRENT TREND IN FOREST PROTECTION**
Tabaković-Tošić M., Golubović Čurguz V., Radulović Z., Georgiev G., Mirchev P.
- **DEVELOPMENT OF MAJOR PATHOGENS AND PESTS INFLUENCED BY THE ABIOTIC AND BIOTIC FACTORS**

Oral presentations

- **PRESENT STATE OF BEECH BARK DISEASE IN SERBIA**
Karadžić D., Milanović S., Radulović Z.
- **USE AND EFFICIENCY OF SOIL HERBICIDES IN CONTROLLING AMBROSIA (*Ambrosia artemisiifolia* L.) IN SPRUCE SEEDLINGS PRODUCTION (*Picea abies* L. KARST)**
Miličević I., Isajev V., Mataruga M., Janjić V., Delić S.
- **OCCURRENCE OF PATHOGENS FROM THE *Phytophthora* GENUS IN FLOODED FORESTS OF THE LOWER SREM**
Milenković I., Keča N., Letić Lj., Nikolić V.
- **RELATIONSHIPS BETWEEN POWDERY OAK MILDEW AND WEATHER VARIABLES**
Marković M., Rajković S.
- **THE PROSPECT OF A SHORT-TERM PRESERVATION OF THE OAK LOGS AT THE FOREST STORAGE USING ENVIRONMENTALLY FRIENDLY PRESERVATIVES**
Mirić M., Ivković S., Vuković M.
- **BIOLOGY, HOST SPECTRUM AND GENETIC VARIABILITY OF DOTHISTROMA IN THE CR.**
Jankovský, L., Dvorak M., Tomesova, V., Palovčikova, D., Tomšovský M.
- **ESTABLISHMENT OF HYMENOPTEROUS ENTOMOFAUNA ON INDIGO BUSH *Amorpha fruticosa* L. IN REPUBLIC OF SERBIA**
Gagić Serdar R., Mihajlović Lj., Mladenović K., Bilibajkić S.
- **SURVIVAL OF FIVE WOOD DECAYING FUNGI TREATED WITH THE CERTAIN ENVIRONMENTALLY FRIENDLY WOOD-PRESERVATIVES IN VITRO**
Mirić M., Ivković S., Vuković M.
- **DEGREE OF DEFOLIATION AND THICKNESS STRUCTURE OF TREE STANDS IN STARA PLANINA MT. (BALKAN RANGE), OBJECT OF LONG-TERM OBSERVATIONS**
Tsakov H., Delkov A.
- **DISTRIBUTION OF *Entomophaga maimaiga* HUMBER, SHIMAZU AND SOPER (ENTOMOPHTHORALES: ENTOMOPHTHORACEAE) ON BALKAN PENINSULA**
Georgiev G., Tabaković-Tošić M., Pilarska D., Mirchev P., Georgieva M., Petkov P., Pilarski P.
- **FLIGHT ACTIVITY AND BIOLOGY OF *Ips sexdentatus* BOERNER IN BLACK PINE (*Pinus nigra* ARNOLD) FORESTS OF ISPARTA, TURKEY**
Sarikaya O.
- **TECHNIQUE DEVELOPMENT OF THE SENGON PROTECTION FROM *Ganoderma* INFECTION**
Herliyana N.E., Taniwiryo D., Minarsih H.

Posters

- **SAME PHYSIOLOGICAL CHARACTERISTICS OF THE TWO PATHOGENIC FUNGI FROM *Ophiostoma* GENUS**
Golubović Čurguz, V., Karadžić, D.
- **IMPACT OF THE PRINCIPAL CHARACTERISTICS OF SOIL ON THE ABUNDANCE AND DISTRIBUTION OF THE *Entomophaga maimaiga* RESTING SPORES AND SOIL MICROORGANISMS**
Tabaković-Tošić M., Golubović Čurguz V., Miletić Z., Pižurica R.
- **INFLUENCE OF GYPSY MOTH FOOD ON THE BIOLOGICAL EFFICACY OF THE TESTED INSECTICIDES**
Tabaković-Tošić M., Koprivica M.
- **INVESTIGATION OF *Cydia splendana* HÜBNER AND *Cydia amplana* HÜBNER AS PESTS OF PEDUNCULATE OAK ACORN**
Drekić M., Vasić V.
- **BOTRYOSPHERACEAE FOUND ON DECLINING WOODY HOSTS IN SERBIA**
Zlatković M., Keča N.
- **MOST COMMON DISEASE OF HORSE CHESTNUT (*Aesculus hippocastanum* L.)**
Radulović Z., Karadžić D., Milenković I., Milanović S.
- **NATURAL FOREST DYNAMICS FOLLOWING BARK BEETLE CALAMITIES IN THE ALPINE NATIONAL PARK BERCHTESGADEN (GERMANY)**
Winter B., Baier R., Ammer C.
- **CONTRIBUTION TO THE KNOWLEDGE OF THE FAMILY PHYTOSEIIDAE (ACARI) ON OAK TREES FROM AVALA MOUNTAIN**
Mladenović K., Gagić Serdar R., Čokeša V.

9⁰⁰-12³⁰

Library Conference room, ground floor

SECTION VII - Forest policy

Section VII chairman's – moderators: Stojanovska Makedonka, Nevenić Radovan

Invited paper

- **OVERVIEW OF SUSTAINABLE GOVERNANCE OF NATURAL RESOURCES AND NATURE CONSERVATION**
Nevenić R., Bilibajkić B., Ilija Djordjević I., Zoran Poduška Z., Gagić Serdar R

Oral presentations

- **POSITIONING FOREST RESEARCH IN THE FUTURE – THE CONTRIBUTION OF IUFO**
Buck A.
- **THE RISE AND DOWNFALL OF THE PRIVATE FORESTRY SECTOR INITIATIVE IN CROATIA**
Kiš K.
- **PROTECTED AREA AND THEIR INTEGRATED MANAGEMENT – A CHALLENGES FOR IN THE FUTURE NATURE ECOSYSTEM MANAGEMENT**
Haska, H., Tabaku, V., Metalia R., Damo, R.
- **ADOPTION OF NEW FOREST POLICY IN ALBANIA IN RELATION WITH CURRENT FORMS OF OWNERSHIP IN THE FORESTS, FOR A THEIR GOOD GOVERNANCE**
Haska, H., Tabaku, V., MetaliajR., Damo, R.
- **FIRES IN FORESTS, SOME OF MAIN CAUSES THAT CAUSE THEM - A REVIEW CASE IN LAST YEARS FROM**

ALBANIA

Haska, H., Kaci, A., Habibi, B.

- **FRESHWATER RESOURCES IN ALBANIA AND THEIR IMPORTANCE FOR VEGETATION - ACTUAL SITUATION, PROBLEMS AND PERSPECTIVE**
Canaj E., Peculi V.
- **GOODS AND SERVICES OF FOREST ECOSYSTEMS**
Yeşil A.
- **ROLE OF STAKEHOLDERS IN THE IMPLEMENTATION OF THE HABITATS DIRECTIVE IN CROATIA**
Lovrić M., Lovrić N., Martinić I., Landekić M., Vuletić D.
- **ORGANISATION OF FOREST ENTERPRISE AND ITS INFLUENCE ON CAPACITY TO MANAGE NATURE PROTECTED AREAS**
Poduška Z., Đorđević I.
- **ECOLOGICAL AND ECONOMIC EVALUATION OF BELGRADE “URBAN TREES”**
Maletić A.
- **ENTRANCE FEES AS REVENUE SOURCE FOR NATURE PROTECTION IN THE NATIONAL PARK KOPAONIK**
Šumarac P., Saković B.
- **NON-WOOD FOREST PRODUCTS-BASED ENTERPRISES IN WESTERN SERBIA: ORGANISATION OF EXTERNAL SUPPLY CHAIN**
Nedeljković J., Nonić D., Ranković N., Mandić V.
- **THE POLICY OF FINANCING PUBLIC SERVICES IN FORESTRY**
Petrášová V.
- **BASIC PROJECTIONS OF THE ACTION PROGRAMME OF SUSTAINABLE DEVELOPMENT OF SERBIAN FORESTS**
Aleksić P., Tomović T., Jović P.
- **SITUATION OF ILLEGAL GRAZING IN TURKISH FOREST FROM PAST TO PRESENT**
Sarikaya O., Babalik A.
- **RUSSIAN VIEW ON THE BOLOGNA PROCESS**
Chubinsky A., Chubinsky M.
- **THE BASIC CHARACTERISTICS OF NTFPS - BASED ENTERPRISES' BUSINESS IN MACEDONIA AND SERBIA**
Stojanovska M., Nedanovska V., Stojanovski V., Nedeljković J., Nonić D.

Posters

- **INSTITUTIONAL, LEGAL AND ORGANIZATIONAL FRAMEWORK OF NATURE PARK GOLJIA**
Saković B., Šumarac P.
- **LEVEL OF STAKEHOLDERS PARTICIPATION IN SPATIAL DECISION MAKING PROCESSES**
Lovrić L., Lovrić M., Martinić I.
- **ANALYZING TRENDS IN THE ESTABLISHMENT OF PROTECTED AREAS ON THE TERRITORY OF REPUBLIC OF SERBIA**
Đorđević I., Poduška Z., Češljarić G., Stefanović T., Nevenić R.
- **USE OF SOCIAL NETWORKS IN SE „SRBIJAŠUME“**
Antić J., Zelić M., Jančić G.
- **SOME OF NON WOOD FOREST PRODUCTS IN THE LAKES DISTRICT REGION OF TURKEY AND THEIR USAGE FIELDS**
Sarikaya A.

9⁰⁰-12³⁰

Hall 27, first floor

SECTION VIII - Environmental protection

Section VIII chairman's – moderators: Tucek Jan, Dražić Dragana

Invited paper

- **RESEARCH RESULTS AND CONTRIBUTION OF INSTITUTE OF FORESTRY IN ENVIRONMENT IMPROVEMENT AND PROTECTION IN SERBIA**
Dražić D., Brašanac-Bosanac Lj., Čule N., Češljarić G., Popović V.

Oral presentations

- **EFFECT OF SUPPLEMENTS ON VITALITY OF BLACK LOCUST USED FOR RECULTIVATION OF COPPER MINE TAILINGS**
Pilipović A., Orlović S., Stojnić S., Vasić V.
- **CONSERVATION VALUE INDICATORS OF FORESTS AND FOREST-LIKE HABITATS IN HISTORIC AGRICULTURAL LANDSCAPES**
Liira J., Lõhmus K.
- **FUNCTIONAL TERRAIN CLASSIFICATION IN THE SPATIAL DECISION SUPPORT SYSTEM ENVIRONMENT**
Tucek J.
- **RESEARCH OF DEFOLIATION ON ICP FORESTS SAMPLE PLOTS IN THE REPUBLIC OF SERBIA**
Stefanović T., Poduška Z., Đorđević I., Češljarić G., Nevenić R.
- **FORESTS AS A BIOLOGICAL BASIS FOR TOURISM VALORISATION OF VELIKI JASTREBAC**
Dražić D., Brašanac-Bosanac Lj., Jović Đ., Veselinović M., Nikolić B., Čule N., Mitrović S.
- **MONITORING OF HEAVY METALS CONCENTRATIONS IN FOREST ECOSYSTEMS OF THE NATIONAL PARK “FRUŠKA GORA”**
Stanković D., Krstić B., Trivan G., Bjelanović I., Ivanović S.
- **MONITORING OF MANGANESE CONCENTRATIONS IN THE AREA OF THE NATIONAL PARK “FRUŠKA GORA”**
Stanković D., Trivan G., Oljača, R., Ivanović S.
- **CONSERVATION PLANNING AND IMPROVEMENT OF THE DAMAGED LANDSCAPE IN THE CITY MUNICIPAL LAZAREVAC**
Cvejić M., Tomićević J.
- **AGE IMPACT ON VESSELS WIDTH OF *Taxodium distichum* (L.) RICH. FROM “VELIKO RATNO OSTRVO” AREA IN BELGRADE**
Jokanović D., Vilotić D., Nonić M., Popović, V., Ćirković-Mitrović T., Petrović J.
- **LAND DEGRADATION AND INCREASING POVERTY IN RURAL AREAS OF SERBIA**

- Marčeta M., Keča Lj. I., Jelić S.
 - **EVALUATION OF THE FACTORS OF RELIEF FOR FOREST RECREATION BY NATURAL INDICATORS: FOREST KOŠUTNJAK EXAMPLE**
 Cvejić M., Tomićević J.

Posters

- **SPATIAL PLANNING OF ECOREMEDIATION POTENTIALS FOR ASH DUMP SITES THROUGH AGRO – ENERGY CROPS CULTIVATION**
 Dražić G., Radojević U., Milovanović J., Gavrić M., Vukotić Lj.
- **BIOSPHERE RESERVE “GOLJJA-STUDENICA“**
 Aleksić P., Jančić G.
- **CADMIUM ACCUMULATION IN *Ailanthus altissima* (MILL.) SWINGLE SEEDLINGS UNDER PHOSPHORUS AND IRON DEFICIENCY**
 Đunisijević-Bojović D., Đukić M., Belanović S., Skočajić D., Grbić M., Bjedov I., Obratov-Petković D.
- **MODERN APPROACH TO ENVIRONMENTAL PROTECTION IN FORESTRY PLAN DOCUMENTS**
 Baković Z., Kisin B.
- **REVITALIZATION OF LANDSCAPES DEGRADED BY SURFACE MINE EXPLOITATION - CASE STUDY OF LANDSCAPE PLANNING AROUND FOOTBALL FIELDS IN CVETOVAC**
 Čule N., Dražić D., Mitrović S., Brašanac-Bosanac, Lj., Nikolić B., Nešić M. M., Nešić Ž. M.

12³⁰-13⁰⁰

Coffee break

13⁰⁰-15⁴⁵

Scientific Conference working Programme

13⁰⁰-15⁴⁵

Scientific sessions (14¹⁵-14³⁰ Coffee break)

13⁰⁰-15⁴⁵

Main conference room, 4th floor

SECTION V- Afforestation, silviculture and forest ecology

Section– chairman’s - moderators : Čakov Hristo , Rakonjac Ljubinko

Invited paper

- **POTENTIAL VEGETATION AND SELECTION OF SPECIES FOR REFORESTATION OF CENTRAL SERBIA**
 Rakonjac Lj., Tomić Z., Dražić M., Jović Đ.

Oral presentations

- **FOREST VEGETATION IN THE FOOT OF THE MOUNTAIN “BESNA KOBILA”**
 Petrović T., Randelović N., Rakonjac Lj.
- **INVESTIGATION OF SITE CHARACTERISTICS OF THE PESTER PLATEAU AS A BASIS FOR THE SELECTION OF POTENTIAL VEGETATION**
 Rakonjac Lj., Ratknić M., Dražić M., Lučić A., Stajić S., Pižurica R.
- **SOIL HABITAT CHARACTERISTICS IN ASS. *Fraxino angustifoliae-quercetum roboris* JOV. 1951, JOV. et TOM. 1979. FORESTS IN RAVNI SREM**
 Ivanišević P., Galić Z., Rončević S., Andrašev S., Kovačević B., Obućina Z.
- **ANALYSIS OF *Fagus sylvatica* L. S.L. REGENERATION FORMATIONS UNDER OPEN CANOPIES IN THE CENTRAL RHODOPE MOUNTAINS OF NORTH-EASTERN GREECE, A PRELIMINARY STUDY**
 Milios E., Kitikidou K., Stampoulidis A., Gotsi M., Ketipis V., Vrizas K.
- **ADAPTATION PROCESS AND HEALTH CONDITION OF JUVENILE STAGES OF SPRUCE ON CALAMITY AREA AFTER DESTRUCTION IN THE SPRUCE MONOCULTURES**
 Tučeková A., Longauerová V.
- **VEGETATION-CLIMATE CHARACTERISTICS OF GOČ MOUNTAIN IN SERBIA**
 Cvjetičanin R., Krstić M., Janić M., Nikić Z., Perović M.
- **EFFECTS OF BIOFERTILIZATION ON SPRUCE *Picea abies* L. KARST) AND PINE SEEDLINGS *Pinus sylvestris* L.) GROWTH IN DEPOSOL**
 Gujaničić, V., Golubović-Čurguz, V., Raičević, V., Spasojević, I.
- **EFFECTS OF ALLUVIAL SOIL PROPERTIES VARIABILITY ON GROWTH OF WHITE POPLAR (*Populus alba* L.) CL. L-12**
 Rončević S., Andrašev S., Ivanišević P., Kovačević B., Novčić Z.
- **MONITORING OF SITE CONDITIONS IN THE *Quercetum frainetto-cerris* STANDS**
 Galić Z., Stojanović D., Klačnja B., Pilipović A..
- **THE ROLE OF LITTER QUANTITATIVE TRAITS ON DECOMPOSITION AND NUTRIENT CYCLING OF THE FOREST ECOSYSTEMS**
 Rahman M., Tokumoto Y., Shuvo A.
- **HYDROLOGICAL FUNCTION OF FOREST IN WATERSHED AREA OF PALJANSKA MILJACKA ON JAHORINA MOUNTAIN**
 Rajić-Bijelić B., Čabaravdić A., Čengić I.
- **CHANGES OF A LAND USE IN THE REGION OF VRANJSKA VALLEY IN THE PERIOD 1963-2010**
 Braunović S., Ratknić M., Kabiljo M.
- **EFFECTS OF DIFFERENT REGENERATION METHODS ON YIELD OF BLACK LOCUST (*Robinia pseudoacacia* L.) STANDS: A CASE STUDY**
 Keserű Z., Rédei K., Csíha I., Gál J.

Posters

- **DYNAMICS AND PROPERTIES OF GROUNDWATER IN HUMOFLUVISOL SOIL IN A PROTECTED PART OF THE ALLUVIAL PLAIN**

- Pekeč S., Katanić M., Galović V., Kebert M.
 - **THE MOST COMMON INSECTS AND DISEASES OF OAK SEEDS IN CENTRAL PART OF SERBIA**
 Mladenović K., Radulović Z., Milanović S.
 - **PHYSICAL CHARACTERISTICS AND POTENTIAL USE OF HUMOFLUVISOL IN THE PROTECTED AREA OF ALLUVIAL PLAIN**
 Pekeč S., Ivanišević P., Katanić M., Galović V., Stojnić S.
 - **PHYTOCENOLOGICAL CHARACTERISTICS AND DIVERSITY OF GROUND FLORA IN ARTIFICIALLY ESTABLISHED STANDS OF WEYMOUTH PINE, DOUGLAS-FIR AND LARCH IN THE AREA OF BOGOVAĐA**
 Stajić S., Čokeša V., Miletić Z., Babić V.
 - **PROPOSAL FOR SILVICULTURAL TREATMENTS IN THE BEECH COPPICE STANDS IN MOUNTAIN KUKAVICA**
 Milosavljević I.
 - **THE EFFECT OF THE PERFORMED BIOLOGICAL WORKS AND CHANGES IN LAND USE ON THE INTENSITY OF EROSION IN THE CATCHMENT OF THE RIVER GABROVNIČKE REKE**
 Bilibajkić, S., Stefanović T., Nevenić R

13⁰⁰-15⁴⁵

Library Conference room, ground floor

SECTION IV - Forest genetics, nursery production and plant Breeding

Section IV chairman's – moderators: Longauer Roman, Lavadinović Vera

Invited paper

- **PROVENECE RESEARCH IN SERBIA – BASE FOR EVALUTING THE SPATIAL PETERN OF FOREST TREES GENETIC, VARIATION**
 Isajev V., Lavadinović S.V., Mataruga M., Lučić A.

Oral presentations

- **USE OF INNOVATIVE PRACTICES AND NEW TECHNOLOGY IN THE PRODUCTION OF WIDE VARIETY AND HIGH QUALITY FORESTRY SEEDLINGS IN ORDER TO ENHANCE REGENERATION SUCCESS AND INCREASE BIODIVERSITY**
 Radoglou K.
 - **SIBERIAN STONE PINE CLONES IN KRASNOYARSK FOREST STEPPE**
 Kuznetsova G., Sukachev V.
 - **THE QUALITY OF SEEDS OF MACEDONIAN PINE *Pinus peuce* GRISEBACH IN MACEDONIA**
 Kuznetsova G., Hristovski N., Rakonjac Lj., Sukachev V.
 - **PROVENANCE OF A FOREST REPRODUCTIVE MATERIAL MATTERS: EXAMPLES WITH NORWAY SPRUCE, SILVER FIR, COMMON BEECH AND SESSILE OAK IN THE WESTERN CARPATHIANS**
 Longauer R., Gömöry D., Pacalaj M., SStrmeň S.
 - **VARIABILITY OF FLOWERING AND SEED CROPS IN A CLONE SEED ORCHARD OF SCOTS PINE (*Pinus sylvestris* L.)**
 Daničić V., Isajev V., Mataruga M., Cvjetković B.
 - **EFFECTS OF GIBBERELIC ACID, KINETIN AND COLD STRATIFICATION ON SEED GERMINATION OF *Pyrus pyraeaster* BURGSD. AND *Malus dasyphylla* BORKH**
 Pipinis E., Milios E., Karaoglanidou E., Smiris P.
 - **AN IMPACT OF SUGAR TYPE AND CONCENTRATION ON INDUCTION OF EMBRYOGENESIS IN ANTHR CULTURE OF *Aesculus carnea* HAYNE**
 Zdravković-Korać S., Devrnja N., Tubić Lj., Milojević J., Čalić D.
 - **SOMATIC EMBRYO REGENERATION FROM FILAMENTS OF *Aesculus flava* SOL**
 Zdravković-Korać S., Milojević J., Tubić Lj., Devrnja N., Čalić D.
 - **ROOTING AND PREVENTING SHOOT-TIP NECROSIS OF IN VITRO CULTURED HORSE CHESTNUT SHOOTS**
 Zdravković-Korać S., Tubić Lj., Milojević J., Devrnja N., Čalić D.
 - **SEED DORMANCY NATURE OF *Poncirus trifolatus* (L.) RAF.**
 Grbić M., Skočajić D., Đukić M., Đunisijević Bojović D.
 - **VARIABILITY IN CONTAINS OF CALCIUM IN DOUGLAS FIR PROVENANCE NEEDLES ORIGINATES FROM NORTH AMERICA**
 Lavadinović S.V., Miletić Z., Isajev V., Lučić A., Popović V.
 - **ROLE OF THE PERICARP IN *Ailanthus altissima* SEED GERMINATION**
 Češljarić G., Gagić Serdar R., Bilibajkić S.
 - **MAIN CHARACTERISTICS OF BALD CYPRESS SEED STAND (*Taxodium distichum* (L.) RICH. NEAR BAČKA PALANKA**
 Popović V., Lavadinović S.V., Čirković-Mitrović T., Lučić A., Jokanović D.
 - **MINI-PLUGS: A REVIEW ON SIZE, SOIL SUBSTRATE AND SEED SOURCE**
 Jakovoglu V., Radoglou K.

Posters

- **ANALYSIS OF SURVIVAL AND VITALITY OF BEECH PLANTS GRAFTED BY METHOD OF SPLICE GRAFTING**
 Nonić M., Šijačić-Nikolić M., Knežević R.

13⁰⁰-15⁴⁵

Hall 27, first floor

SECTION II - Biodiversity of forest ecosystems

Section II chairman's – moderators: Vojniković Sead, Nikolić Biljana

Invited paper

- **THE ROLE AND IMPORTANCE OF SOME SECONDARY METABOLITES (TERPENES, ALKANES AND FLAVONOIDS) IN TREES**
 Nikolić B., Bojović S., Batos B., Marin D.P

Oral presentations

- **POPULATION VARIABILITY OF *Quercus robur* L. POLLINATION**
Batos B., Ninić-Todorović J., Miljković D.
- **SPATIAL AND TEMPORAL VARIABILITY OF A PEDUNCULATE OAK (*Quercus robur* L.) LEAF-FALL PHENOPHASE**
Batos B., Ninić-Todorović J., Miljković D.
- **INDIVIDUAL VARIABILITY OF MORPHO-ANATOMICAL PROPERTIES OF NEEDLES OF SERBIAN SPRUCE, BOSNIAN PINE, PYRAMIDAL FIR AND SWISS PINE**
Nikolić B., Ratknić M., Dražić D., Veselinović M.
- **COMPARATION OF FLORISTIC COMPOSITION OF BLACK PINE- CINQUEFOIL FOREST (*Potentillo heptaphyllae-Pinetum gocensis* B. Jovanović 1959) AND WINTER HEATH-BLACK PINE FOREST (*Erico-Pinetum gocensis* Krause 1957) ON CRNI VRH Mt. NEAR PRIBOJ, SERBIA**
Novaković-Vuković M., Perović M.
- **PRELIMINARY RESULTS ON THE VARIABILITY OF WILD CHERRY (*Prunus avium* L.) IN SOME POPULATIONS IN SERBIA**
Mikić T., Ballian D., Kovačević B., Pilipović A., Marković M.
- **FLORISTIC AND EDAPHIC CHARACTERISTICS OF BALKAN BEECH AND TURKISH HAZEL PLANT COMMUNITY (*Corylo colurnae-fagetum* JOV. 1979) IN NATIONAL PARK “ĐERDAP” IN SERBIA**
Cvjetičanin R., Knežević M., Košanin O., Novaković M., Perović M.
- **THE TOPOGRAPHIC POSITION OF CUTTINGS AS A FACTOR IN THE SUCCESS OF DIFFERENT POPLAR CLONES ROOT STRIKING**
Rebić M., Vilotić D., Rončević S.
- **COMPARATIVE ANALYSIS OF THE FLORISTIC COMPOSITION AND DIVERSITY OF THE VASCULAR FLORA OF NEUTROPHILE BEECH AND FIR FORESTS WITH SPRUCE IN BOSNIA AND HERZEGOVINA**
Vojniković S., Višnjić Č., Balić B., Mekić F.
- **PROTECTION AND PROMOTION OF THE BIODIVERSITY OF DEGRADED FOREST ECOSYSTEM BY ANTHROPOGENIC ACTION THE EXAMPLE OF THE CITY FOREST KOŠUTNJAK IN BELGRADE**
Cvejić M., Tomićević J.

Posters

- **COMPARATIVE RESEARCH OF SIZE AND NUMBER OF STOMATA OF DIFFERENT BEECH CULTIVARS**
Nonić M., Jokanović D., Knežević R.
- **PROTURA (HEXAPODA) IN DIFFERENT FOREST LITTERS**
Blesić B., Mitrovski-Bogdanović A.
- **DIVERSITY OF ECTOMYCORRHIZA IN BEECH STANDS FROM DIFFERENT LOCALITIES IN SERBIA**
Katanić M., Matović B., Pekeč S., Grebenc T., Kraigher H.
- **THE DIVERSITY OF HERBACEOUS PLANTS IN DIFFERENT ASSOCIATIONS OF BEECH FORESTS IN SERBIA**
Vukov D., Igić R., Ručando M., Krstivojević M.
- **SURVEY OF MACROFUNGAL DIVERSITY IN THE FOREST ECOSYSTEMS OF STARA PLANINA, KOPAONIK AND TARA**
Novaković M., Karaman M., Marković M., Matavuly M., Ručando M., Trudić B.

15⁴⁵-16¹⁵

Coffee break with open Scientific Panels Discussion

16¹⁵-16³⁰

Conference Ending Ceremony with Closing Speech:

The Event inspirational messages, observations and remarks – Conference “Highlights”

16³⁰-18³⁰

Lunch Hotel Mihajlovac