



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

- | | |
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| 8⁰⁰ - 11⁰⁰ | 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: Milios Elios, 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 *Fagetum-orientalis*, NAV, ASALEM, GUILAN, IRAN
Razavi M., Abedi T., Pourbabaie 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.

Library Conference room, ground floor**SECTION III – Climate changes***Section III chairman's – moderators: Bosela Michal, Ratknić Mihailo***Invited paper**

- **CLIMATIC CHANGES AND THE CONCEPT OF SUSTAINABLE USE OF RENEWABLE NATURAL RESOURCES**
Ratknić M., Miletić Z., Braunović S., Stajić S., Ćirković-Mitrović 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., Bošela 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 BÁB (SLOVAKIA) DURING 40 YEARS**
Oszlányi J., Gajdoš P., Halada L., David S.
- **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., Ambrozy 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.
- **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., Čokeša V.
- **BIOENGINEERING METHODS FOR ERODED REGIONS WITH APPLICATION OF SOME USEFUL PLANT SPECIES**
Matić V., Tatović N.

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.
- **HUNTING AND HUNTING TOURISM IN TURKEY**
Beşkardeş V., Keten A., Hızal E., Arslangündoğdu Z., Yöntem O.
- **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**
Beşkardes V., Arslangündođdu Z., Hızal E., Keten 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
 - **HUNTING-TOURIST SIGNIFICANCE OF FENCED HUNTING GROUNDS**
Ristić Z., Marković V., Lavadinović M.V., Božić D., Barović V., Kovačević M.

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**
Veselinovic M., Vilotic 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.
- **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

- **THE INFLUENCE OF FERTILISING ON GROWTH OF SEEDLINGS *Paulownia* spp.**
Mitrović S., Veselinović M., Vilotić D., Bojović S., Šijačić-Nikolić M., Čule N.
- **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**
Rajković S., Marković M., Milanović S, Mladenović K.

Oral presentations

- **USE AND EFFICIENCY OF SOIL HERBICIDES IN CONTROLLING AMBROSIA (*Ambrosia artemisiifolia* L.) IN SPRUCE SEEDLINGS PRODUCTION (*Picea abies* L. KARST)**
Milijević I., Isajev V., Mataruga M., Janjić V., Delić S.
- **FLIGHT ACTIVITY AND BIOLOGY OF *Ips sexdentatus* BOERNER IN BLACK PINE (*Pinus nigra* ARNOLD) FORESTS OF ISPARTA, TURKEY**
Sarikaya O.
- **OCCURENCE OF PATHOGENS FROM THE *Phytophthora* GENUS IN FLOODED FORESTS OF THE LOWER SREM**
Milenković I., Keča N., Letić Lj., Nikolić V.
- **BIOLOGY, HOST SPECTRUM AND GENETIC VARIABILITY OF DOTHISTROMA IN THE CR.**
Jankovsky, L., Dvorak M., Tomesova, V., Palovcikova, D., Tomsovsy 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.
- **TECHNIQUE DEVELOPMENT OF THE SENGON PROTECTION FROM *Ganoderma* INFECTION**
Herliyana N.E., Taniwiryono D., Minarsih H.

Posters

- **PRESENT STATE OF BEECH BARK DISEASE IN SERBIA**
Karadžić D., Milanović S., Radulović Z.
- **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.
- **CONTRIBUTION TO THE KNOWLEDGE OF THE FAMILY PHYTOSEIIDAE (ACARI) ON OAK TREES FROM AVALA MOUNTAIN**
Mladenović K., Gagić Serdar R., Čokeša V.
- **RELATIONSHIPS BETWEEN POWDERY OAK MILDEW AND WEATHER VARIABLES**
Markovic M., Rajkovic 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.
- **SURVIVAL OF FIVE WOOD DECAYING FUNGI TREATED WITH THE CERTAIN ENVIRONMENTALLY FRIENDLY WOOD-PRESERVATIVES IN VITRO**
Mirić M., Ivković S., Vuković M.
- **ESTABLISHMENT OF HYMENOPTEROUS ENTOMOFAUNA ON INDIGO BUSH *Amorpha fruticosa* L. IN REPUBLIC OF SERBIA**
Gagić Serdar R., Mihajlović Lj., Mladenović K., Bilibajkić S.

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., Djordjević I., Poduška Z., Gagić Serdar R.

Oral presentations

- **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 MANGEMET**
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., Metaliaj R., Damo, R.
- **FIRES IN FORESTS, SOME OF MAIN CAUSES THAT CAUSE THEM - A REVIEW CASE IN LAST YEARS FROM ALBANIA**
Haska, H., Metaliaj, R., Thoma, H., Kaci, A., Habibi, B.
- **FRESHWATER RESOURCES IN ALBANIA AND THEIR IMPORTANCE FOR VEGETATION - ACTUAL SITUATION, PROBLEMS AND PERSPECTIVE**
Canaj E., Peculi V., Haska H.
- **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.
- **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**
Petrašová V.
- **BASIC PROJECTIONS OF THE ACTION PROGRAMME OF SUSTAINABLE DEVELOPMENT OF SERBIAN FORESTS**
Aleksić P., Tomović T., Jović P.
- **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.
- **SITUATION OF ILLEGAL GRAZING IN TURKISH FOREST FROM PAST TO PRESENT**
Sarikaya O., Babalik A.

Posters

- **INSTITUTIONAL, LEGAL AND ORGANIZATIONAL FRAMEWORK OF NATURE PARK GOLJIA**
Saković B., Šumarac P.
- **LEVEL OF STAKEHOLDERS PARTICIPATION IN SPATIAL DECISION MAKING PROCESSES**
Lovrić N., Lovrić M., Martinić I.
- **ANALYSES OF 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.
- **ORGANISATION OF FOREST ENTERPRISE AND IT S INFLUENCE ON CAPACITY TO MANAGE NATURE PROTECTED AREAS**
Poduška Z., Đorđević I.

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

- 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.

- FORESTS AS A BIOLOGICAL BASIS FOR TOURISM VALORISATION OF VELIKI JASTREBAC

Dražić D., Brašanac-Bosanac Lj., Jović Đ., Veselinović M., Nikolić B., Čule N., Glamočić, B.

- CONSERVATION PLANNING AND IMPROVEMENT OF THE DAMAGED LANDSCAPE IN THE CITY MUNICIPAL LAZAREVAC

Cvejić M., Tomićević J.

- AGE IMPACT ON VESSEL WIDTH OF *Taxodium distichum* (L.) RICH. FROM "VELIKO RATNO OSTRVO" AREA IN BELGRADE

Jokanović D., Vilotić D., Nonić M., Popović, V., Čirković-Mitrović T., Petrović J.

- LAND DEGRADATION AND INCREASING POVERTY IN RURAL AREAS OF SERBIA

Marčeta M., Keča Lj.I, Jelić S.

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

Dunisijević-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.

- EFFECT OF SUPPLEMENTS ON VITALITY OF BLACK LOCUST USED FOR RECULTIVATION OF COPPER MINE TAILINGS

Pilipović A., Orlović S., Stojnić S., Vasić V.

- 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.

- RESEARCH OF DEFOLIATION ON ICP FORESTS SAMPLE PLOTS IN THE REPUBLIC OF SERBIA

Stefanović T., Poduška Z., Đorđević I., Češljarić G., Nevenić R.

- 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.

- EVALUATION OF THE FACTORS OF RELIEF FOR FOREST RECREATION BY NATURAL INDICATORS: FOREST KOŠUTNJAK EXAMPLE

Cvejić M., Tomićević J.

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 V chairman's – moderators: Tsakov Hristo, Rakonjac Ljubinko

Invited paper

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

Oral presentations

- **FOREST VEGETATION IN THE FOOT OF THE MOUNTAIN “BESNA KOBILA”**
Petrović T., Randelović N., Rakonjac Lj.
- **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**
Miliotis 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.
- **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.
- **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**
Keserú Z., Rédei K., Csiha I., Gál J.

Posters

- **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.
- **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.
- **VEGETATION-CLIMATE CHARACTERISTICS OF GOČ MOUNTAIN IN SERBIA**
Cvjetičanin R., Krstić M., Janić M., Nikić Z., Perović M.
- **HYDROLOGICAL FUNCTION OF FOREST IN WATERSHED AREA OF PALJANSKA MILJACKA ON JAHORINA MOUNTAIN**
Rajić-Bijelić B., Čabaravdić A., Čengić I.
- **CURRENT STATE AND PROPOSAL OF RECLAMATION MEASURES IN THE COPPICE TURKEY OAK FORESTS IN THE TERRITORY OF LIPOVICA**
Vukin M., Krstić M.

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 pyraster* BURGSD. AND *Malus dasycphylla* BORKH**
Pipinis E., Milius E., Karaoglanidou E., Smiris P.
- **AN IMPACT OF SUGAR TYPE AND CONCENTRATION ON INDUCTION OF EMBRYOGENESIS IN ANOTHER 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., Kostić I., Čalić D.
- **SEED DORMANCY NATURE OF *Poncirus trifoliatus* (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.
- **MAIN CHARACERISTICS 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**
Iakovoglou 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.
- **ROLE OF THE PERICARP IN *Ailanthus altissima* SEED GERMINATION**
Češljarić G., GagićSerdar R., Bilibajkić S.

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., Mitrović S., Veselinović 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.
- **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., Višnjčić 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., Pekeć 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.

- **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.

- **NATURAL FOREST DYNAMICS FOLLOWING BARK BEETLE CALAMITIES IN THE ALPINE NATIONAL PARK BERCHTESGADEN (GERMANY)**

Winter B., Baier R., Ammer C.

- **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.

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