

FORS D

25 YEARS OF THE FACULTY OF FORESTRY

CONFERENCE PROGRAMME

INTERNATIONAL SCIENTIFIC CONFERENCE

“FOREST SCIENCE FOR SUSTAINABLE
DEVELOPMENT OF FORESTS”

25 YEARS OF FORESTRY OF THE REPUBLIC OF SRPSKA

December 7-9, 2017
Banja Luka, Republic of Srpska/B&H
Faculty of Forestry, University of Banja Luka
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PUBLIC ENTERPRISE FORESTRY
"SUME REPUBLIKE SRPSKE"



INTERNATIONAL UNION
OF FOREST RESEARCH
ORGANIZATION





ORGANISERS:

FACULTY OF FORESTRY, UNIVERSITY OF BANJA LUKA

INTERNATIONAL UNION OF FOREST RESEARCH ORGANIZATIONS (IUFRO)

PUBLIC FOREST ENTERPRISE "ŠUME REPUBLIKE SRPSKE" a.d. SOKOLAC

WITH KIND SUPPORT:

MINISTRY OF AGRICULTURE, FORESTRY AND WATER MANAGEMENT, OF THE REPUBLIC OF SRPSKA

MINISTRY OF EDUCATION AND CULTURE, OF THE REPUBLIC OF SRPSKA

MINISTRY OF SCIENCE AND TECHNOLOGY, OF THE REPUBLIC OF SRPSKA

KOZARA NATIONAL PARK

Day 1, December 7, Thursday

18⁰⁰-20⁰⁰ GUESTS ARRIVAL

Day 2, December 8, Friday

7³⁰-9⁰⁰ PARTICIPANTS AND GUESTS REGISTRATION

9⁰⁰-10⁰⁰ CONFERENCE OPENING CEREMONY WITH WELCOME ADDRESSES

Prof. dr Milan Mataruga, President of Scientific Committee

Prof. dr Radoslav Gajanin, Rector of the University of Banja Luka

Representative of Ministry of Science and Technology, of the Republic of Srpska

Representative of Ministry of Education and Culture, of the Republic of Srpska

Representative of Ministry of Agriculture, Forestry and Water management, of the Republic of Srpska

Mr Risto Marić, general director of PFE „Šume Republike Srpske“ a.d. Sokolac

Other distinguished guests

10⁰⁰-11⁴⁰ PLENARY SESSIONS

10⁰⁰-10²⁰ IUFRO – EFFECTIVELY INTERCONNECTING FORESTS, SCIENCE AND PEOPLE
Prof. dr Björn Hånell, IUFRO

10²⁰-10⁴⁰ Coffee break (Time for Taking Group Photos)

10⁴⁰-11⁰⁰ OLD-GROWTH FOREST STRUCTURE AND DYNAMICS IN THE DINARIC ALPS
Prof. dr Renzo Motta, University of Turin, Italy

11⁰⁰-11²⁰ FOREST FIRES CONTROL THE FATE OF THE WATER AND SEDIMENT DELIVERY
Prof. dr Artemi Cerda University of Valencia, Spain

11²⁰-11⁴⁰ PRESENT CHALLENGES FOR FORESTRY HIGHER EDUCATION IN CENTRAL AND EASTERN EUROPE
Prof. dr Ian Abrudan, University of Braşov, Romania

12⁰⁰-13⁰⁰ BUFFET LUNCH

13⁰⁰-17³⁰ CONFERENCE PROGRAM (with a Coffe break 15⁰⁰-15¹⁵)

17³⁰-18³⁰ INSIGHT INTO THE POSTER PRESENTATION

18³⁰-19³⁰ OPEN SCIENTIFIC PANELS DISCUSSION WITH CLOSING SPEECH (First conference room)

20⁰⁰ CEREMONIAL DINNER

Day 3, December 9, Saturday

FIELDTRIP TO THE KOZARA NATIONAL PARK

(Leave Banja Luka by 9³⁰ return by 16⁰⁰)

SCIENTIFIC SESSIONS

THE FIRST CONFERENCE ROOM

Day 2, December 8, Friday

13⁰⁰-17³⁰

SCIENTIFIC SESSIONS:

FOREST ECOLOGY AND CONSERVATION OF NATURAL RESOURCES

URBAN FORESTRY-LANDSCAPE ARCHITECTURE

(Moderator: Vladimir Stupar, PhD)

ORAL PRESENTATIONS

Time for oral presentation - 15 minutes (including 5 minutes for discussion)

FOREST ECOLOGY AND CONSERVATION OF NATURAL RESOURCES

- 13⁰⁰-13¹⁵ NOVELTIES IN EUROPEAN VEGETATION SCIENCE: HIERARCHICAL FLORISTIC CLASSIFICATION SYSTEM OF VEGETATION OF EUROPE AND RED LIST OF EUROPEAN HABITATS
Andraž Čarni
- 13¹⁵-13³⁰ TOWARDS THE FLORA OF THE REPUBLIKA SRPSKA DATABASE
Vladimir Stupar, Đorđije Milanović, Jugoslav Brujić, Marijana Kapović-Solomun, Zorana Hrkić Ilić, Ozren Žolja, Nikola Pećanac, Ognjen Lukić
- 13³⁰-13⁴⁵ PHYTOSOCIOLOGICAL ANALYSIS OF THE MIXED BEECH-FIR FORESTS OF THE KOZARA MT.
Igor Kneginjić, Vladimir Stupar, Rade Cvjetičanin, Milan Knežević
- 13⁴⁵ -14⁰⁰ EDAPHIC-FLORISTIC CHARACTERISTICS OF BEECH AND ITALIAN MAPLE FOREST COMMUNITY (ACERI OBTUSATI-FAGETUM FUK. ET STEF. 1963) ON MANJAČA MT.
Saša Eremija, Milan Knežević, Rade Cvjetičanin, Marko Perović
- 14⁰⁰-14¹⁵ FOREST SITES MAPPING IN THE AREA OF "ISTOČNA BORANJA" FOREST MANAGEMENT UNIT
Olivera Košanin, Marko Perović, Milan Knežević, Rade Cvjetičanin, Janko Ljubičić
- 14¹⁵-14³⁰ ZONAL FOREST VEGETATION IN BOSNIA AND HERZEGOVINA: ECOLOGICAL AND FUNCTIONAL PERSPECTIVE
Vladimir Stupar, Andraž Čarni
- 14³⁰-14⁴⁵ ACHIEVEMENT OF LAND DEGRADATION NEUTRALITY IN THE REPUBLIC OF SRPSKA (BOSNIA AND HERZEGOVINA) BY 2030
Marijana Kapović-Solomun, Mihajlo Marković, Svjetlana Ćoralić, Milan Šipka, Mladen Babić

- 14⁴⁵-15⁰⁰ ERODIBILITY FACTOR AND SOIL LOSS IN BLACK PINE STANDS 60 YEARS AFTER AFFORESTATION
Aleksandar Baumgertel, Sara Lukić, Snežana Belanović Simić, Predrag Miljković
- 15⁰⁰-15¹⁵ COFFEE BREAK
- 15¹⁵-15³⁰ CHARACTERISTICS OF MOLLIC LEPTOSOLS AFTER FOREST FIRE–CASE STUDY MANJAČA MOUNTAIN IN THE REPUBLIC OF SRPSKA
Marijana Kapović-Solomun, Svjetlana Ćoralić, Nemanja Lazović, Saša Eremija, Nemanja Jungić
- 15³⁰-15⁴⁵ FOREST FIRE AND BIOLOGICAL DIVERSITY
Zbigniew Borowski, Wojciech Gil, Lidia Yalkovskaya
- 15⁴⁵-16⁰⁰ STOCKS OF DEAD BIOMASS OF BEECH (FAGUS SYLVATICA L.) FOREST ECOSYSTEMS IN WEST BALKAN RANGE, BULGARIA
Violeta Dimitrova, Dimitar Dimitrov
- 16⁰⁰-16¹⁵ HOW EFFECTS SOIL STABILIZATION WITH WATTLE FENCE ON MICROBIAL BIOMASS C AND ERODIBILITY INDICES
Ömer Kara, Emre Babur, Yunus Emre Susam
- 16¹⁵-16³⁰ TEMPERATURE CHARACTERISTICS OF THE FROST HOLLOW “MEĐI DO“
Zoran Stanivuković, Marijana Kapović-Solomun, Svjetlana Ćoralić
- 16³⁰-16⁴⁵ VIABLE DEVELOPMENT OF FORESTRY AND CONSTRUCTION OF SMALL HYDRO-POWER PLANTS IN THE REPUBLIC OF SRPSKA
Vesna Rajčević, Čedomir Crnogorac, Nenad Đukić

URBAN FORESTRY–LANDSCAPE ARCHITECTURE

- 16⁴⁵-17⁰⁰ POSSIBILITY OF APPLICATION OF GRAY WATER FOR WATERING OF URBAN GREENERY
Bojana Dabić, Emina Mladenović, Jasna Grabić

THE SECOND CONFERENCE ROOM

Day 2, December 8, Friday

13⁰⁰-17³⁰

SCIENTIFIC SESSIONS:

USING OF FOREST RESOURCES AND HUNTING

FOREST POLICY, ECONOMICS, AND ORGANIZATION IN FORESTRY

WOOD INDUSTRY

(Moderator: Dane Marčeta, PhD)

USING OF FOREST RESOURCES AND HUNTING

- 13⁰⁰-13¹⁵ FOSTERING INNOVATION IN FORESTRY
Mario Šporčić, Matija Landekić, Stjepan Posavec, Matija Bakarić
- 13¹⁵-13³⁰ INFLUENCE OF DIFFERENT HARVESTING METHODS ON THE DAMAGES ON THE
STANDING TREES
Dane Marčeta, Vladimir Petković, Ozren Žolja
- 13³⁰-13⁴⁵ FUEL CONSUMPTION OF FORWARDER IN LOWLAND FORESTS OF BROADLEAVED OAK
Zdravko Pandur, Marijan Šušnjar, Marin Bačić, Kruno Lepoglavec, Hrvoje Nevečerel
- 13⁴⁵ - 14⁰⁰ RESEARCH OF UTILIZATION OF WOOD AS RENEWABLE RAW MATERIAL IN SLOVAKIA
Martin Moravčík
- 14⁰⁰-14¹⁵ SKIDDING DISTANCES AND SKIDDING FACTOR
Vladimir Petković, Dane Marčeta, Darko Ljubojević, Potočnik Igor
- 14¹⁵-14³⁰ MARKETING OF NON TIMBER FOREST PRODUCTS IN MANIPUR, INDIA
Khulakpam Apshahana, A. K. Sharma
- 14³⁰-14⁴⁵ INVASIVE EXPANSION OF THE GOLDEN JACKALS IN BOSNIA AND HERZEGOVINA
Tijana Trbojević, Igor Trbojević
- 14⁴⁵-15⁰⁰ REPRESENTATION OF WILD FRUIT SPECIES SUITABLE FOR RED DEER FEEDING IN THE
AREA OF DJERDAP NATIONAL PARK
Dragica Vilotić, Marina Nonić, Mirjana Šijačić-Nikolić, Dragan Gačić
- 15⁰⁰-15¹⁵ COFFEE BREAK

FOREST POLICY, ECONOMICS, AND ORGANIZATION IN FORESTRY

- 15¹⁵-15³⁰ RANKING OF FOREST ENTERPRISES ORGANIZATIONAL UNITS IN ACCORDANCE WITH
THE POSSIBILITIES OF DIFFERENTIAL RENT ALLOCATION
Dragan Čomić, Zoran Govedar, Vojislav Dukić, Ratko Čomić, Branko Glavonjić, Branislav
Cvjetković, Vladimir Petković

- 15³⁰-15⁴⁵ CONTRIBUTION OF WOOD ENERGY TO MEET THE 2020 RENEWABLE ENERGY TARGET FOR BOSNIA AND HERZEGOVINA
Branko Glavonjić, Dragan Čomić, Aleksandra Lazarević, Miljan Kalem
- 15⁴⁵-16⁰⁰ CLIMATE CHANGE MITIGATION IN FORESTRY AND NATURE CONSERVATION: INSTITUTIONAL FRAMEWORK AND POLICY MEASURES IN SLOVENIA, CROATIA AND SERBIA
Jelena Nedeljković, Mirjana Stanišić, Dragan Nonić, Nenad Ranković, Marta Curman, Mersudin Avdibegović, Spela Pezdevsek Malovrh
- 16⁰⁰-16¹⁵ LOCAL COMMUNITY'S DEPENDENCE ON FOREST RESOURCES IN THE CENTRAL ZAGROS FORESTS OF IRAN
Beytollah Mahmoudi
- 16¹⁵-16³⁰ ORGANISATION OF PROCUREMENT IN WOOD SUPPLY CHAIN: IMPROVEMENT POSSIBILITIES IN SOUTH MORAVA FOREST AREA
Dragan Mihajlović, Jelena Nedeljković, Nenad Ranković, Branko Glavonjić, Dragan Nonić
- 16³⁰-16⁴⁵ PUBLIC-PRIVATE PARTNERSHIPS FOR SUSTAINABLE FORESTRY DEVELOPMENT IN SRI LANKA: EMERGENCE, INFLUENCE AND LEGITIMACY
Mangala De Zoysa

WOOD INDUSTRY

- 16⁴⁵-17⁰⁰ EFFECT OF PRESSING PRESSURE AND PHENOL-FORMALDEHYDE RESIN CONTENT ON MECHANICAL INDICATORS OF HIGH-DENSITY FIBREBOARDS
Julia Mihajlova
- 17⁰⁰-17¹⁵ EFFECT OF PRESSING PRESSURE AND PHENOL-FORMALDEHYDE RESIN CONTENT ON PHYSICAL INDICATORS OF HIGH-DENSITY FIBREBOARDS (HDF)
Julia Mihajlova

THE THIRD CONFERENCE ROOM

Day 2, December 8, Friday

13⁰⁰-17³⁰

SCIENTIFIC SESSIONS:

FOREST MANAGEMENT PLANNING

SILVICULTURE

FOREST GENETICS, FOREST SEED SCIENCE AND NURSERY, AFFORESTATION

FOREST PROTECTION

(Moderator: Prof. dr Milan Mataruga)

FOREST MANAGEMENT PLANNING

- 13⁰⁰-13¹⁵ GROWTH-CLIMATE RELATIONS OF EUROPEAN ASH (FRAXINUS EXCELSIOR L.) IN LAST CENTURY IN "DJERDAP" NATIONAL PARK, SERBIA: THE FIRST RESULTS
Branko Stajić, Marko Kazimirović, Vojislav Dukić, Živan Janjatović
- 13¹⁵-13³⁰ MAPPING OF FOREST FUNCTIONS AS AN INSTRUMENT OF SUSTAINABLE FOREST MANAGEMENT
Biljana Šljukić, Milan Medarević, Dragan Borota, Nevena Vasiljević, Snežana Obradović, Nenad Petrović
- 13³⁰-13⁴⁵ ANALYSIS AND MONITORING OF TREE DAMAGE DUE TO ICE BREAK IN BEECH-FIR FORESTS OF GORSKI KOTAR IN THE CONTEXT OF THE CLIMATE CHANGE
Krunoslav Teslak, Marijana Žunić, Karlo Beljan, Mario Komarčević
- 13⁴⁵-14⁰⁰ STRUCTURAL AND DYNAMIC CHANGES IN BEECH AND FIR FORESTS ON MT. GOČ
Snežana Obradović, Damjan Pantić, Milan Medarević, Biljana Šljukić, Biljana Pešić
- 14⁰⁰-14¹⁵ CLIMATE RESPONSE OF SILVER FIR (ABIES ALBA MILL.) IN THE KOZARA NATIONAL PARK
Jelena Subotić, Vojislav Dukić, Goran Trbić, Zoran Maunaga
- 14¹⁵-14³⁰ RESEARCHING THE CONCEPT OF MULTIPLE FOREST FUNCTIONS AND THEIR IMPLEMENTATION IN PRACTICE
Aleksandra-Anja Dragomirović, Ljiljana Došenović

SILVICULTURE

- 14³⁰-14⁴⁵ A REVIEW OF THE STAND STRUCTURE OF MATURE SESSILE OAK STANDS IN NORTHEASTERN SERBIA BEFORE PLANNED REGENERATION
Martin Bobinac, Siniša Andrašev, Nenad Radaković, Nikola Šušić, Andrijana Bauer-Živković
- 14⁴⁵-15⁰⁰ WEED CONTROL IN POPLAR PLANTATIONS
Ranko Sarić, Milorad Danilović, Vladimir Ćirović
- 15⁰⁰-15¹⁵ COFFEE BREAK

- 15¹⁵-15³⁰ ANALYSIS OF FOREST CULTURES AND PROPOSAL OF MANAGEMENT MEASURES IN THE REPUBLIC OF SRPSKA
Zoran Govedar, Milun Krstić, Srđan Keren, Velibor Blagojević, Milan Stojanović, Vasilije Trifković

FOREST GENETICS, FOREST SEED SCIENCE AND NURSERY, AFFORESTATION

- 15³⁰-15⁴⁵ GENETIC VARIABILITY OF SERBIAN SPRUCE (PICEA OMORIKA /PANČIĆ/ PURKYNE) IN THE REPUBLIC OF SRPSKA (BIH)
Milan Mataruga, Vanja Daničić, Barbara Fussi, Branislav Cvjetković, Vasilije Isajev
- 15⁴⁵-16⁰⁰ INCREASING THE QUALITY AND QUANTITY OF FRUCTIFICATION BY TRANSFORMING YOUNG REGULAR FOREST STANDS INTO SEED STANDS
Vladimir Novotny, Mladen Ivanković, Saša Bogdan, Miran Lanščak, Sandra Crnković, Vlatko Uzelac
- 16⁰⁰-16¹⁵ FOREST GENETIC RESOURCES IN BOSNIA AND HERZEGOVINA – STATE, LEGISLATIVE, CONSERVATION AND CLIMATE CHANGES
Branislav Cvjetković, Milan Mataruga, Dalibor Ballian, Vanja Daničić, Rifet Terzić

FOREST PROTECTION

- 16¹⁵-16³⁰ THE MOST IMPORTANT PARASITIC FUNGI ASSOCIATED WITH CANKERS (ON THE BARK AND STEM), GALLS AND WITCHES' BROOMS ON FOREST TREES IN SERBIA
Dragan Karadžić, Ivan Milenković, Snežana Obradović, Vesna Ćurguz
- 16³⁰-16⁴⁵ PATHOGENICITY OF PHYTOPHTHORA SPECIES TO ACER PSEUDOPLATANUS L. IN SERBIA
Ivan Milenković, Nenad Keča, Dragan Karadžić, Zlatan Radulović, Thomas Jung
- 16⁴⁵-17⁰⁰ INFLUENCES OF STORM BORA ON VEGETATION OF RAB ISLAND - CASE STUDY LOPAR
Sanja Novak Agbaba, Boris Belamarić, Nevenka Čelepirović, Jelena Ferina
- 17⁰⁰-17¹⁵ DIVERSITY OF BARK AND WOOD BORING BEETLES (COLEOPTERA: BOSTRICHIDAE; CURCULIONIDAE: PLATYPODINAE AND SCOLYTINAE) ON ENDEMIC AND RELICT DECIDUOUS FOREST TREE SPECIES IN MEDITERRANEAN PART OF TURKEY
Oguzhan Sarikaya, Seydi Ahmet Kavakli, Huseyin Sayin
- 17¹⁵-17³⁰ DETERMINATION TO FLIGHT ACTIVITIES OF SOME IMPORTANT PEST BEETLES ON FOREST TREE SPECIES IN AKDAĞ NATURE PARK (AFYONKARAHISAR), TURKEY
Seydi Ahmet Kavakli, Oguzhan Sarikaya

POSTER PRESENTATION

Day 2, December 8, Friday

17³⁰-18³⁰

SCIENTIFIC SESSIONS:

FOREST ECOLOGY AND CONSERVATION OF NATURAL RESOURCES

- 1.** INFLUENCE OF CLIMATE FACTORS ON THE OCCURANCE OF MACROFUNGI WITHIN SELECTED SPRUCE STANDS ON MOUNTAINS TARA AND KOPAONIK
Miroslav Marković, Milana Rakić, Marina Katanić, Saša Orlović, Maja Karaman
- 2.** BEECH (FAGUS SYLVATICA L.) VERSUS PINE (PINUS SYLVESTRIS L.). THE IMPACT OF PLANTS ON SOIL WATER REPELLENCY AND INFILTRATION IN TEMPERATE FOREST. THE WAGENINGEN FOREST STUDY SITE.
Saskia Keesstra, SImone Di Prima, Laurent Lassabatere, Jesús Rodrigo Comino, Artemi Cerdà
- 3.** REMEDIATION AS A METHOD FOR CONTAMINATED SOIL AND WATER QUALITY IMPROVEMENT
Nemanja Jungić, Marijana Kapović-Solomun, Mihajlo Marković, Svjetlana Ćoralić
- 4.** SPATIOTEMPORAL CHANGE DETECTION USING LANDSAT IMAGERY: THE CASE STUDY OF ULUDAG NATIONAL PARK, BURSA, TURKEY
Burhan Gencal, Inanc Tas, Mehmet Kalkan
- 5.** VOLATILE COMPONENTS OF PHLOMIS GRANDIFLORA H. S. THOMPSON VAR. GRANDIFLORA IN ĆUBUK BELI PROVINCE OF ANTALYA, TURKEY
Ayse Gul Sarikaya, Huseyin Fakir
- 6.** HYDROMORPHIC SOILS OF THE CENTRAL DANUBE BASIN AND POSSIBILITIES FOR THEIR AFFORESTATION
Saša Pekeč, Marina Katanić, Dejan Stojanović
- 7.** DIVERSITY OF ECTOMYCORRHIZAL FUNGI AS AN INDICATOR OF FOREST RESILIENCE
Marina Katanić, Saša Orlović, Elena Paoletti, Saša Pekeč, Tine Grebenc, Hojka Kraigher
- 8.** ECOLOGICAL CLASSIFICATION OF FOREST DISTRICT "GOZNA" NEAR ĆELINAC
Aleksandra Kutić, Marijana Kapović-Solomun, Svjetlana Ćoralić, Saša Eremija
- 9.** AN IMPACT OF AIR POLLUTION ON CHARACTERISTICS OF STOMA AND PHOTOSYNTHETIC APPARATUS OF TILIA CORDATA MILL. AND TILIA PLATYPHYLLOS SCOP. ON BANJA LUKA AREA
Tanja Maksimović, Nina Janjić
- 10.** LANDSCAPE APPROACH IN RADIO-ECOLOGICAL MONITORING OF FOREST AREAS
Natalya Bulygina Alekseevna, Aleksandr Petuhov Sergeevich, Evgeniy Goncharov Alekseevich

URBAN FORESTRY–LANDSCAPE ARCHITECTURE

- 1. CURRENT STATE AND DEVELOPMENT OF THE CITY PARK IN SKOPJE**
Jasminka Rizovska Atanasovska, Iskra Apostolovska, Nikolco Velkovski, Vlatko Andonovski, Divna Pencic
- 2. INTEGRATION OF WATER SENSITIVE SOLUTIONS IN THE LANDSCAPE DESIGN OF CITY OF NOVI SAD- CONCEPT OF RAIN GARDENS AND GREEN ROOFS**
Mirjana Sekulić, Amela Đurakovać, Jasna Grabić
- 3. THE INFLUENCE OF AIR POLLUTION ON HEALTH CONDITION AND VITALITY OF WOODY PLANTS - CASE STUDY MUSEUM PARK IN BOR**
Milena Milosavljević, Vesna Ćurguz, Mirjana Ocokoljić, Danijela Đunisijević
- 4. CONDITION AND SIGNIFICANCE OF URBAN FORESTS IN THE AREA OF INDUSTRIAL SETTLEMENT LJUBIJA**
Sanja Grubić, Ljiljana Došenović, Marijana Kapović-Solomun
- 5. GREENWAYS AS ELEMENT OF URBAN PLANNING: TREBINJE VIEW**
Ljiljana Došenović, Tanja Trkulja, Tijana Marić

USING OF FOREST RESOURCES AND HUNTING

- 1. ETHNOBOTANY USAGE OF ROSE HIP (ROSA CANINA L.) IN EĞIRDİR PROVINCE OF ISPARTA, TURKEY**
Ayse Gul Sarikaya
- 2. INVESTIGATION ON MEDICINAL AND AROMATIC USAGE OF LAUREL (LAURUS NOBILIS L.) IN TURKEY**
Ayse Gul Sarikaya

FOREST POLICY, ECONOMICS, AND ORGANIZATION IN FORESTRY

- 1. MODELS FOR SALE OF WOOD ASSORTMENTS IN THE CASE OF FE**
Ljiljana Keča, Milica Marčeta
- 2. EFFICIENCY OF OUTSOURCING IN THE SLOVAK FORESTRY – DATA AND FACTS**
Miroslav Kovalčík
- 3. THE ECONOMICS ROLE OF FOREST ON FOREST DWELLERS LIVELIHOOD IN CENTRAL ZAGROS FORESTS OF IRAN**
Beytollah Mahmoudi

WOOD INDUSTRY

- 1. MOR AND MOE OF SERBIAN SPRUCE (PICEA OMORIKA /PANČIĆ/ PURKYNĚ) WOOD FROM PLANTATIONS**
Danijela Petrović, Zdravko Popović, Vojislav Dukić, Nebojša Todorović

FOREST MANAGEMENT PLANNING

- 1. POTENTIALS OF APPLICATION OF UNMANNED AERIAL VEHICLE (UAV) FOR ASSESSMENT OF TREE HEIGHTS IN POPLAR PLANTATION**
Dejan Stojanović, Leopold Poljaković-Pajnik, Srđan Stojnić, Zoran Novčić, Robert Erdelji, Saša Orlović
- 2. RELATIONSHIP BETWEEN CLIMATE VARIABLES AND CIRCLES VEGETATIVE IN AN IRANIAN OAK**
Sayyedhassan Tabatabaei, Narjes Amirchakhmaghi, Nabiallah Yarali, Ahmad Karimi
- 3. THE STRUCTURE OF MATURE STANDS OF SESSILE OAK IN BOSNIA AND HERZEGOVINA**
Vojislav Dukić, Branko Stajić
- 4. CLIMATE IMPACT ON GROWTH OF SPRUCE IN NATIONAL PARK KOPAONIK**
Bratislav Matović, Dejan Stojanović, Lazar Kesić, Stefan Stjepanović
- 5. COMPARISON OF ACTUAL AND NORMAL WOOD CUTTING INTENSITY IN PRIVATE HOLDER FORESTS IN CROATIA**
Mario Božić, Jura Čavlović, Ernest Goršić

SILVICULTURE

- 1. CHARACTERISTICS OF THE AREA POTENTIALLY AVAILABLE IN THE FIELD TRIAL WITH THINNING OF POPLAR CLONE I-214 DEFINED BY "VORONOI" POLYGONS**
Siniša Andrašev, Martin Bobinac
- 2. EDAPHIC AND PRODUCTION CHARACTERISTICS OF PEDUNCULATE OAK STANDS IN MANAGEMENT UNIT „MUZLJANSKI RIT“**
Zoran Galić
- 3. GROWTH CHARACTERISTICS OF ONE-YEAR-OLD HUNGARIAN OAK SEEDLINGS (QUERCUS FRAINETTO TEN.) IN FULL LIGHT CONDITIONS**
Nikola Šušić, Martin Bobinac, Mirjana Šijačić-Nikolić, Andrijana Bauer-Živković, Siniša Andrašev
- 4. DETERMINATION OF LIGHT REGIME WITH HEMISPHERICAL PHOTOGRAPHS IN MIXED FORESTS OF BEECH AND FIR WITH SPRUCE (PICEO-ABIETI-FAGETUM ILLYRICUM) IN THE AREA OF VITOROGA**
Mirko Šebez, Zoran Govedar, Milun Krstić, Srđan Keren, Violeta Babić, Branko Kanjevac

FOREST GENETICS, FOREST SEED SCIENCE AND NURSERY, AFFORESTATION

- 1. INVESTIGATION ON THE RELATIONSHIP BETWEEN LEAF WATER USE EFFICIENCY AND PHYSIO-BIOCHEMICAL TRAITS OF PEDUNCULATE OAK**
Srđan Stojnić, Branislav Kovačević, Marko Kebert, Lazar Kesić, Milena Stanković, Saša Orlović
- 2. VARIABILITY OF MORPHOLOGICAL CHARACTERISTICS OF BEECH LEAVES AT THE LEVEL OF PROVENANCE TRIAL ESTABLISHED IN SERBIA**
Marina Nonić, Tatjana Batalo, Mirjana Šijačić-Nikolić, Ivona Kerkez
- 3. ADDITION TO KNOWING OF GENETIC VARIABILITY OF FIELD MAPLE (ACER CAMPESTRE L.) IN BOSNA AND HERCEGOVINA**
Dalibor Ballian, Stjepan Kvesić

4. MORPHOLOGICAL VARIABILITY OF SOME PROPERTIES OF FIELD MAPLE (*ACER CAMPESTRE* L.) IN PORTIONS OF NATURAL POPULATIONS OF BOSNA & HERCEGOVINA
Dalibor Ballian, Stjepan Kvesić
5. VARIABILITY OF MORPHOLOGICAL CHARACTERISTICS OF TWO-YEAR-OLD EUROPEAN WHITE ELM (*ULMUS LAEVIS* PALL.) SEEDLINGS DERIVED FROM DIFFERENT HALF-SIB LINES
Mirjana Šijačić-Nikolić, Ivana Radaković, Marina Nonić
6. INTRAPOPULATION GENETIC DIVERSITY OF *PICEA ABIES* FROM KOPAONIK MOUNTAIN (SERBIA) USING EST-SSR MARKERS
Branislav Trudić, Barbara Fussi, Monika Konnert, Saša Orlović
7. VARIABILITY OF SCOTS PINE (*PINUS SYLVESTRIS* L.) PARAMETERS IN THE TEST OF PROGENY IN SOKOLAC
Nevena Kusmuk, Siniša Cincar, Damir Blagojević, Aleksandar Tepavac
8. BIOLOGICAL RECULTIVATION OF SAND PITS USING CONTAINERIZED SEEDLINGS IN THE REPUBLIC OF MARI EL
Tatiana Nureeva, Nadezhda Kuklina

FOREST PROTECTION

1. HEALTH CONDITION OF PINE STANDS IN EAST HERZEGOVINA
Saša Drljača, Zoran Stanivuković
2. HOST SPECIFICITY IN THE BOTRYOSPHAERIACEAE: A CASE STUDY IN THE WESTERN BALKANS
Milica Zlatković, Michael J Wingfield, Fahimeh Jami, Bernard Slippers
3. NOTES ON DISTRIBUTION AND PHYSIOLOGICAL IMPACT OF *CORYTHUCHAARCUATA* (SAY) (HEMIPTERA, TINGIDAE) ON OAKS IN VOJVODINA, SERBIA
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4. OBSERVATIONS ON DAMAGE, MORPHOLOGY AND BIOLOGY OF THE COMMON LACKEY MOTH (*MALACOSOMA NEUSTRIA* (LINNAEUS, 1758)) ON ROSE HIP (*ROSA CANINA* L.) TREES IN HOCALAR PROVINCE OF AFYONKARAHISAR, TURKEY
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