

PERSONAL INFORMATION

ЛИЧНИ ПОДАЦИ


Biljana Nikolić (Milojević)
Биљана Николић (Милојевић)

Institute of Forestry, 3 Kneza Višeslava, 11000 Belgrade, Serbia
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Sex- F Пол - женски

Date of birth 02/10.961

Датум рођења 02.10.961.

SCIENCE
POSITION
НАУЧНО ЗВАЊЕ

Senior Research Associate
 Виши научни сарадник

WORK EXPERIENCE
РАДНО ИСКУСТВО

October 1990 – November 2014
 (present)

Institute of Forestry, Kneza Visaslava 3, Belgrade. www.forest.org.rs

Research assistant - Research Associate - Senior Research Associate. Project coordinator.
 Research studies in Genetics of forest trees and shrubs, Phytochemistry, Physiology.
 Research projects: Plant biodiversity and phytochemistry – Biomass production and recultivation-
 Environmental research.

Октобар 1990 –Новембар 2014
 (и даље)

Институт за шумарство, Кнеза Вишеслава 3, Београд www.forest.org.rs

Истраживач сарадник- Научни сарадник-Виши научни сарадник. Координатор пројекта.
 Проучавање генетике шумског дрвећа и жбуња, Фитохемијска проучавања, Физиолошка
 проучавања. Истраживачки пројекти: Биодиверзитет и фитохемија биљака – Продукција
 биомасе и рекултивација – Истраживања животне средине

EDUCATION AND TRAINING
ОБРАЗОВАЊЕ И ОБУКА

July, 8th 2008

(PhD) Doctor of Biological Sciences

University of Belgrade, Faculty of Biology, Department of Botany and Botanical Garden Jevremovac,
 Belgrade, Serbia

- 1st October 1985 – 30th May 1990** (Msc) Master of Biotechnical Sciences
University of Belgrade, Faculty of Forestry, Department of Genetics and Forest Tree and Shrub Breeding, Belgrade, Serbia
- 1st October 1980 – 1st October 1985** (Bsc) Graduated Engineer of Forestry in Landscape Architecture
University of Belgrade, Faculty of Forestry, Department of Landscape Architecture, Belgrade, Serbia
- 1st September 1976 - June 1980** Graduate Secondary School
IX Belgrade High School, Belgrade, Serbia
- 8 јул 2008** (Др) Доктор биолошких наука
Универзитет у Београду, Биолошки факултет, Катедра за ботанику и Ботаничка башта Јевремовац, Београд, Србија
- 1. октобар 1985 – 30. Мај 1990** (Мр) Магистар биотехничких наука
Универзитет у Београду, Шумарски факултет, Катедра за генетику и оплемењивање шумског дрвећа и жбуња, Београд, Србија
- 1. октобар 1980 – 1. октобар 1985** (Дипл. инг.) Инжењер пејзажне архитектуре –
Универзитет у Београду, Шумарски факултет, Катедра за пејзажну архитектуру, Београд, Србија
- 1. септембар 1976 – јун 1980** Диплома гимназије,
IX Београдска гимназија, Београд, Србија

PERSONAL SKILLS ЛИЧНЕ ВЕШТИНЕ

Mother tongue(s)
Матерњи језик

Serbian
српски

Other language(s)
Остали језици

English
Енглески

French
Француски

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	B1	B1	B1
B2	B2	A2	A2	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Комуникационе вештине

▪

Organisational / managerial skills Организационе/Руководеће вештине

- Head of the Research Laboratory Department for genetics, seed production, plant physiology and breeding
- Rukovodilac Odseka laboratorije za ispitivanje za genetiku, semenarstvo, fiziologiju i oplemenjivanje biljaka

Job-related skills Вештине које се односе на посао

- Coordinator of the projects in the area of basic research of the Ministry of education and science of the Republic of Serbia
- Koordinator projekata Osnovnih istraživanja Ministarstva za prosvetu i nauku Republike Srbije

Computer skills Компјутерске вештине

- Word, Excel, Statgraphics, Power Point, etc.
- Programi Word, Excel, Statgraphics, Power Point, itd.

Other skills Друге вештине

▪

Driving licence Возачка дозвола

- National licence of B category, Republic of Serbia
- Nacionalna vozačka dozvola B kategorije, Republika Srbija

ADDITIONAL INFORMATION ДОДАТНЕ ИНФОРМАЦИЈЕ

Publications Публикације

- Milojević, B. 1989. Varijabilnost, adaptivnost i mogućnosti selekcije himalajskog bora (*Pinus wallichiana* A. B. Jacks.). Magistarski rad, Šumarski fakultet, Univerzitet u Beogradu, 225 p.
- Milojević - Nikolić, B. 1991. Prilog introdukciji himalajskog bora (*Pinus wallichiana* A. B. Jacks.). Simpozijum "Nedeljko Košanin i botaničke nauke", Ivanjica, 10. - 13. oktobar 1990., Zbornik radova, pp. 279 - 282.
- Lavadinović, V., Nikolić, B. 1991. Unapređenje semenarstva u Srbiji korišćenjem genetskog potencijala semenskih objekata vrsta drveća. Savetovanje "Prošlost, sadašnjost i budućnost srpskog šumarstva kao činioca razvoja Srbije", 1991, Beograd, Zbornik radova, pp. 294 - 302.
- Milojević - Nikolić, B. 1992. Rezultati dvogodišnje analize cvetanja i uroda stabala himalajskog bora (*Pinus wallichiana* A. B. Jacks.) u uslovima Beograda i okoline. Rad saopšten na skupu "70 godina Šumarskog fakulteta" Beograd, 1990. god., Glasnik Šumarskog fakulteta, Beograd, 74, knjiga II, pp. 519 - 526.
- Grbović, B., Nikolić, B., Vinterhalter, D. 1993. Mikropropagacija belog dudu (*Morus alba* L.). X Simpozijum jugoslovenskog društva za fiziologiju biljaka. Institut za kukuruz Zemun Polje - Beograd, Knjiga rezimea (nije obrojčana).
- Nikolić, B. 1994. Varijabilnost čestine, redovnosti i obilnosti obrazovanja muških cvasti i morfometrijskih karakteristika mikrostrombala himalajskog bora - populacija Novi Beograd. Šumarstvo 1 - 2, Beograd, pp. 81 - 88.
- Grbović, B., Nikolić, B. 1994. Differences Between 6 Varieties of Mulberry (*Morus alba* L.) Propagated In Vitro. Prvi kongres genetičara Srbije, 08. - 11. 06. 1994., Vrnjačka Banja, 1994, Abstracts, Društvo genetičara Srbije, Beograd, S4 - 21, pp. 126 - 127.
- Nikolić, B. 1995. The Successful Introduction and Variability of Populations of *Pinus wallichiana* A. B. Jacks. in Belgrade and Its Surroundings. The First Symposium on the Breeding of Organisms - with International Participation, 8 - 11. XI 1995, Vrnjačka Banja, Abstracts, PD3 - 12, p. 123.
- Nikolić, B., Bojović, S. 1995. Efekat hibridizacije nekoliko rasa svilene bube (*Bombyx mori* L.) uvezenih iz Bugarske. Zbornik radova - Collection, 36 - 37, Institut za šumarstvo, Beograd, pp. 81 - 88.
- Pavlović, B., Matović, M., Grbović, B., Nikolić, B. 1995. Prilog poznavanju karakteristika jedinke *Pinus silvestris* var. *zlatiborica* Oman. IV Simpozijum o flori Srbije i mogućnostima njenog racionalnog korišćenja, Vranje, 1 - 3. juni, 1995, Zbornik rezimea, p. 77.
- Pavlović, P. B., Nikolić, B., Rasulić, N., Stojičić, D., Tabaković - Tošić, M., Grbović, B. 1995. Redukcija veličine kokona potomaka u odnosu na roditelje svilene bube pri gajenju u istoj godini. Rezime sa XXII Skupa entomologa Jugoslavije, Palić, septembar 1995. god., Zbornik rezimea, p. 44.
- Pavlović, P. B., Nikolić, B., Tabaković-Tošić, M., Grbović, B., Stojičić, D., Rasulić, N., Lavadinović, V., Bojović, S., Marović, R. 1995: Improvement of Cocoon Characteristics of Some Strains and Hybrids of Silkworm. The First Symposium on the Breeding of Organisms - with International Participation, 8 - 11. XI 1995, Vrnjačka Banja, Abstracts, PD3 - 15, pp. 126 - 127.
- Nikolić, B. 1996. Varijabilnost važnijih svojstava polena himalajskog bora - populacija Novi Beograd. Zbornik radova - Collection, 40 - 41, Institut za šumarstvo, Beograd, pp. 27 - 33.
- Nikolić, B., Pavlović, B. P. 1996. Svojstva kokona 11 rasa svilene bube gajenih 1994. godine. Zbornik radova - Collection, 40 - 41, Institut za šumarstvo, Beograd, pp. 129 - 136.
- Matović, M., Pavlović, B., Čokeša, V., Grbović, B., Nikolić, B., Stojičić, D. 1996. Doprinos poznavanju morfoloških karakteristika piramidalne i obične jele sa Ogorjevca. Zbornik radova - Collection, 40 - 41, Institut za šumarstvo, Beograd, pp. 159 - 166.
- Nikolić, B. 1997. Evaluation of the Genetic Potential of Himalayan Pine (*Pinus wallichiana* A. B. Jacks.) for Breeding Purposes. Proceedings of the 3rd International Conference on the Development of Forestry and Wood Science Technology, 29. IX - 3. X 1997, ICFWST '97, Volume II, pp. 59 - 63.
- Nikolić, B. 1997. Freezing Effect on Some Pollen Characteristics of Selected Trees of Three Five-Needle Pine Species. First Balkan Botanical Congress, Thessaloniki, Greece, September 19 - 22, 1997, Abstracts, 323, p. 164.
- Pavlović, P. B., Stojičić, D., Grbović, B., Nikolić, B., Kukobat, D., Pižurica, R. 1997. Number of Cotyledons and Fir Seedling Survival in the Sremčica Nursery. I Symposium of Population and Evolutionary Genetics, Tara, 3 - 7. June 1997, Abstracts, p. 33.

- 19 Nikolić, B., Isajev, V. 1997. Promenljivost nekih fizioloških parametara svežeg polena tri vrste bora podsekcije *Strobi*. XII Simpozijum jugoslovenskog društva za fiziologiju biljaka, Kragujevac, 24 - 27. jun 1997, Program i izvodi saopštenja, p. 144.
- 20 Grbović, B., Nikolić, B. 1997. The Possibilities of Selecting Some Sorts and Hybrids of White Mulberry According to the Success of Their Rearing and Quality of Silkworm Nutrition. International Scientific Symposium "50 years- Faculty of Forestry", 8 - 12. XII 1997, Skopje, Book of Articles, pp. 32 - 37.
- 21 Nikolić, B., Marković, D., Grbović, B. 1998. Development of *Pinus wallichiana* A. B. Jacks Culture Established in the Process of Recultivation of -th Ann - 7.
October 1998, Sofia, Proceedings, Bulgarian Academy of Sciences, Forest Research Institute, Scientific Papers, Volume II, pp. 122 - 127.
- 22 Nikolić, B., Isajev, V. 1998. Efekti malih populacija na promenljivost semena i half-sib potomstva himalajskog bora. Zbornik radova - Collection, 42 - 43, Institut za šumarstvo, Beograd, pp. 39 - 46.
- 23 Nikolić, B. 1999. Intra - Population Variability of Pollen Properties of *Pinus peuce* Griseb., EURECO 99, 8th Europ - 23, 1999, Halkidiki - Greece, Abstracts, p. 45.
- 24 Nikolić, B., Isajev, V. 1999. Group and Individual Pollen Variability of Some 5 - Needle Pines in Function of Improvement. Second Congress of Serbian Geneticists, Program - Abstracts - List of Participants, Sokobanja, 10 - 13. 11. 1999., pp. 180 - 181.
- 25 Golubović-Čurguz, V., Nikolić, B. 1999. Ispitivanje fitopatološke zaraženosti semena *Pinus wallichiana* A. B. Jacks. i njenog uticaja na klijavost. Šumarstvo, 1 - 2, Beograd, pp. 79 - 84.
- 26 Nikolić, B., Golubović-Čurguz, V., 2000. Effect of Seed Infection on Germination Percentage. Second Balkan Botanical Congress, Istanbul, Turkey, May 14 - 18, 2000, Abstracts, p. 175.
- 27 Bojović, S., Stojičić, D., Grbović, B., Nikolić, B. 2000. Different Aspects of the Study of Diversity of Some Forest Tree Species. Međunarodna naučna - 16. 06. 2000, Sofija, Yubileen sbornik naučni dokladi, pp. 418 - 426.
- 28 Grbović, B., Nikolić, B. 2000. Propagation of White Mulberry (*Morus alba* - 16. 06. 2000, Sofija, Yubileen sbornik naučni dokladi, pp. 433 - 440.
- 29 Batos, B., Bojović, S., Nikolić, B. 2003. Quantitative Indicators of Serbian Spruce (*Picea omorika* /Pančić/ Purkyne) Cone and Seed Individual , Sofia, 1 - 5. October 2003, Proceedings of Scientific Papers, Volume II, pp. 25 - 29.
- 30 Nikolić, - 5. October 2003, Proceedings of Scientific Papers, Volume II, pp. 31 - 35.
- 31 Bojović, S., Nikolić, B., Batos, B. 2003. Foliage Terpene Composition and Question of Geographic Origin of Some Populations of *Pinus nigra* Am. - 5. October 2003, Proceedings of Scientific Papers, Volume I, pp. 387 - 391.
- 32 Nikolić, B., Batos, B., Dražić, D. 2004. Rast i cvetanje kao parametri razvoja mlade kulture *Pinus wallichiana* A. B. Jacks. osnovane u procesu rekultivacije deposola. ELECTRA III, Treća međunarodna konferencija o upravljanju zaštitom okoline (Energetska efikasnost u energetici) Herceg Novi, 7 - 11. Juni 2004, Zbornik radova, pp. 468 - 470. (Štampan na srpskom)
- 33 Nikolić, B., Ratknić, M., Rakonjac, Lj., Bilibajkić, S. 2004. Rasprostranjenje i selekcija šumskih voćnih vrsta u oblasti Vranja i Bujanovca. Zbornik radova - Collection, 50 - 51, Institut za šumarstvo, Beograd, pp. 93 - 100.
- 34 Nikolić, B., Batos, B., Veselinović, M. 2004. Variability of Young Seedlings of Macedonian Pine. Natura Montenegrina 3, Podgorica, pp. 219 - 223.
- 35 Ratknić, M., Nikolić, B., Rakonjac, Lj., Bilibajkić, S. 2004. Prirodno rasprostranjenje i selekcija voćkarica na području Pirota, Babušnice i Dimitrograd. Zbornik radova - Collection, 50 - 51, Institut za šumarstvo, Beograd, pp. 102 - 111.
- 36 Batos, B., Nikolić, B. 2004. Dependence of Serbian Spruce (*Picea omorika* /Pančić/Purkyne) Seed Quality on Storage Time. Natura Montenegrina 3, Podgorica, pp. 149 - 156.
- 37 Nikolić, B., Veselinović, M., Batos, B., Cvejić, M. 2005. Ugrožena i značajna flora u šumama na području Beograda. Zbornik radova - Collection, 52 - 53, Institut za šumarstvo, Beograd, pp. 103 - 114.
- 38 Nikolić, B., Batos, B., Čokeša, V., Đoković, R. 2005. Effects of Storage and Stratification on The Germination of Seed of *Pinus peuce* Griseb. I Simpozijum ekologija Republike Crne Gore, Tivat, 14. - 18. Oktobar 2004, (Knjiga apstrakata, p. 86), Natura Montenegrina 4, Podgorica, pp. 155 - 159.
- 39 Nikolić, B., Veselinović, M., Batos, B., Đoković, R. 2005. Variability of One Year Old Seedlings of *Pinus peuce* Griseb. XVII International Botanical Congress, Vienna, Austria, Europe, 17 - 23. July 2005, Abstracts, P1649, p. 498.
- 40 Batos, B., Nikolić, B. 2005. Investigation on the Reproductive Potential of Serbian Spruce - Correlations of Microstrobiles, Pollen and Seed Properties. XVII International Botanical Congress, Vienna, Austria, Europe, 17 - 23. July 2005, Abstracts, P0545, p. 326.
- 41 Matović, M., Ratknić, M., Nikolić, B., Veselinović, M., Golubović - Čurguz, V. 2005. Bioindikator prirodni staništa tartufa. 8th Symposium on Flora of Southeastern Serbia and Neighbouring Regions. June 20 - 24, 2005, Niš, Abstracts, p. 28.
- 42 Ratknić, M., Matović, M., Veselinović, M., Golubović-Čurguz, V., Nikolić, B., Bilibajkić, S. 2005. Zaštita biološke raznovrsnosti tartufa u Srbiji. 8th Symposium on Flora of Southeastern Serbia and Neighbouring Regions. June 20 - 24, 2005, Niš, Abstracts, p. 29.
- 43 Matović, M., Rakonjac, Lj., Đelić, G., Nikolić, B., Brašanac, Lj. 2005. Istraživanje ugroženih endemoreliktnih vrsta na području jugozapadne Srbije. 8th Symposium on Flora of Southeastern Serbia and Neighbouring Regions. June 20 - 24, 2005, Niš, Abstracts, p. 45.
- 44 Matović, M., Ratknić, M., Veselinović, M., Golubović-Čurguz, V., Nikolić, B., Đelić, G. 2005. Naše najčešće šumske vrste koje žive u simbiozi sa tartufima. 8th Symposium on Flora of Southeastern Serbia and Neighbouring Regions. June 20 - 24, 2005, Niš, Abstracts, p. 105.
- 45 Nikolić, B., Tošić, M. 2006. Polen piramidalne jele sa Ogorjevca. Zbornik radova - Collection, 54 - 55, Institut za šumarstvo, Beograd, pp. 5 - 13.
- 46 Nikolić, B., Veselinović, M., Đoković, R. 2006. Morfometrijske osobine jednogodišnjih i dvogodišnjih sadnica molike. Međunarodna naučna konferencija "Gazdovanje šumskim ekosistemima nacionalnih parkova i drugih zaštićenih područja", Jahorina - Tjentište, 05 - 07. jul 2006, Zbornik apstrakata, p. 614.
- 47 Nikolić, B., Veselinović, M., Golubović-Čurguz, V., Đoković, R. 2006. Varijabilnost nekih morfoloških osobina jednogodišnjih sadnica *Pinus peuce* Griseb. Zbornik radova - Collection, 54 - 55, Institut za šumarstvo, Beograd, pp. 15 - 22.
- 48 Matović, M., Rakonjac, Lj., Nikolić, B. 2006. Istraživanje šumskih vrsta sa sanitarno - meliorativnim uticajem na životnu sredinu. Zbornik radova - Collection, 54 - 55, Institut za šumarstvo, Beograd, pp. 49 - 55.
- 49 Veselinović, M., Golubović-Čurguz, V., Nikolić, B., Nešić, N., Cvejić, M. 2006. Neka zaštićena prirodna dobra na području gradske zone Beograda. Međunarodna naučna konferencija "Gazdovanje šumskim ekosistemima nacionalnih parkova i drugih zaštićenih područja", Jahorina - Tjentište, 05 - 07. jul 2006., Proceedings, pp. 137 - 143.
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- 52 Nikolić, B., Matović, M., Ratknić, M., Veselinović, M., Golubović-Čurguz, V. 2006. Bioindicators of Truffle Sites in Forest Communities. International

- Scientific Conference In Occasion of 60 Year of Operation of Institute of Forestry, Belgrade, Serbia: Sustainable Use of Forest Ecosystems, The Challenge of the 21th Century, 8 - 10th November 2006, Donji Milanovac, Serbia, Proceedings, pp. 569 – 574.
- 53 Nikolić, B., Matović, M., Rakonjac, Lj. 2006. Endemorelic Tree Species in Southwest Serbia. International Scientific Conference In Occasion of 60 Year of Operation of Institute of Forestry, Belgrade, Serbia: Sustainable Use of Forest Ecosystems, The Challenge of the 21th Century, 8 - 10th November 2006, Donji Milanovac, Serbia, Proceedings, pp. 575 - 582.
- 54 Matović, M., Nikolić, B., Ratknić, M. 2006. Munika (*Pinus heldreichii* Christ.). In: Matović, M., Rakonjac, Lj. eds 2006. Retko drveće jugozapadne Srbije. Monografija, Biblioteka Povratak prirodi, Beograd, pp. 55 - 67.
- 55 Dražić, D., Veselinović, M., Bojović, S., Jovanović, Lj., Nikolić, B., Batos, B., Golubović-Čurguz, V. 2006. Significance of Urban Forests and Other Greenspace Categories for Urban and Industrial Settlement Environments. International Scientific Conference In Occasion of 60 Year of Operation of Institute of Forestry, Belgrade, Serbia: Sustainable Use of Forest Ecosystems, The Challenge of the 21th Century, 8 - 10th November 2006, Donji Milanovac, Serbia, Proceedings, plenarno predavanje, pp. 437 - 451.
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- 57 Bojović, S., Dražić, D., Jovanović, Lj., Veselinović, M., Rakonjac, Lj., Nikolić, B., Nevenić, R. 2006. Gene Pool Conservation and Tree Seed Production. International Scientific Conference In Occasion of 60 Year of Operation of Institute of Forestry, Belgrade, Serbia: Sustainable Use of Forest Ecosystems, The Challenge of the 21th Century, 8 - 10th November 2006, Donji Milanovac, Serbia, Proceedings, plenarno predavanje, pp. 501 - 504.
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- 61 Ratknić, M., Rakonjac, Lj., Nikolić, B., Braunović, S., Bilbajkić, S. 2007. Stanje i unapređenje semenskih objekata. pp. 23 – 28. - In: Ratknić, M. eds 2007: Pošumljavanje goleti i antropogeno oštećenih zemljišta. Monografija, Institut za šumarstvo, Beograd, 224 p. – poglavlje u monografiji. Izdavač: Institut za šumarstvo, Beograd.
- 62 Matović, M., Nikolić, B. 2007. Natural Resources of Healing Plants, the Main Ingredient of Which is Mucus, in the Mountain of Zlatar. International Scientific Conference "Integral protection of Forests – Scientific – Technological Platform.", Belgrade, 12th of December 2007., Abstracts, pp. 33 - 34.
- 63 Batos, B., Nikolić, B. 2007. Genetic Potential and Refinement of Some Forest Tree Types. International Scientific Conference "Integral protection of Forests – Scientific – Technological Platform.", Belgrade, 12th of December 2007., Abstracts, pp. 80 – 81.
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Projects

Scientific research projects

1. Micromorphological, phytochemical, and molecular studies of plants - taxonomic, ecological and applicable aspects. Project no.173029 (2011-2014), Ministry of Science and Environmental Protection of the Republic of Serbia in the area of basic research.
2. Morpho-anatomical and physiological changes in the woody species in Belgrade parks as an indicator of the state of the environment. Project of the City Secretariat for Environmental Protection (2014-2016)
3. Conservation of natural forest ecosystems and their restoration in the immediate riparian area of the Sava and Danube watercourses in Belgrade in order to valorize environmental values and picnic and recreational functions. The project of the Republic of Serbia and the City Secretariat for Environmental Protection (2009-2011).
4. Impact of the change in the groundwater levels on the state of forests in the riparian zone of the river Sava. Project of the Ministry of Environmental Protection (2009-2012).
5. Research into the possibility of short rotation biomass production for the energy used in the power systems of Serbia. TR18201A Project (2009-2011), Ministry of Science and Environmental Protection of the Republic of Serbia in the area of energy efficiency.
6. Physical, chemical and molecular characteristics of some plant species – their prime importance and applicability. Project no. 143049B, (2006-2010), Ministry of Science and Environmental Protection of the Republic of Serbia in the area of basic research.
7. Satellite images of high resolution in the collection and processing of spatial data on forests and forest ecosystems. Project no. 20056, (2008-2010), Ministry of Science and Environmental Protection of the Republic of Serbia in the area of technological development.
8. An archive of living forest fruit tree species of the Republic of Serbia. (2007-2009), Ministry of Agriculture, Forestry and Water Management, Directorate of Forests.
9. Strategy of afforestation in the city of Belgrade. The project of the Republic of Serbia and the City Secretariat for Environmental Protection (2008-2009).

Professional projects

1. Cadastre of public green areas in the city area of Obrenovac (Project of the Obrenovac municipality, Department of the Environmental protection, 2010)
2. Concept design for the establishment of a forest nursery in Tamnava (project in cooperation with RB Kolubara-Lazarevac, 2010).

Проекти

Научни пројекти

1. *Микроморфолошка, фитохемијска и молекуларна истраживања биљака - таксономски, еколошки и применљиви аспект.* Пројекат бр. 173029 (2011-2014), Министарство за науку и заштиту животне средине Републике Србије у области основних истраживања.
2. *Морфо-анатомске и физиолошке промене на дрвенастим врстама у парковима Београда као индикатор стања животне средине.* Пројекат Градског секретаријата за заштиту животне средине (2014-2016)
3. *Очување природних шумских екосистема и њихове рестаурације у непосредном приобаљу водотока саве и Дунава на подручју Београда у циљу валоризације амбиенталних вредности и излетничко-рекреационих функција.* Пројекат Републике Србије и Градског секретаријата за заштиту животне средине (2009-2011).
4. *Утицај промене нивоа подземних вода на стање шума у приобаљу Саве.* Пројекат Министарства за заштиту животне средине (2009-2012).
5. *Истраживање могућности производње биомасе за енергију из плантажа кратке опходње у оквиру електроенергетских система Србије.* Пројекат TR18201A (2009-2011), Министарство за науку и заштиту животне средине Републике Србије у области Енергетске ефикасности.
6. *Структурне, хемијске и молекуларне карактеристике неких биљних врста – фундаментални значај и применљивост.* Пројекат бр. 143049Б, (2006-2010), Министарство за науку и заштиту животне средине Републике Србије у области основних истраживања.
7. *Сателитски снимци високе резолуције у прикупљању и обради просторних података о шумама и шумским екосистемима.* Пројекат бр. 20056, (2008-2010), Министарство за науку и заштиту животне средине Републике Србије у области Технолошког развоја.
8. *Живи архив шумских воћних врста са подручја Републике Србије.* (2007-2009), Министарство пољопривреде, шумарства и водопривреде, Управа за шуме.
9. *Стратегија пошумљавања подручја Београда.* Пројекат Републике Србије и Градског секретаријата за заштиту животне средине (2008-2009).

Стручни пројекти

1. *Израда катастра зелених површина јавног карактера градског подручја општине Обреновац* (Пројекат општине Обреновац, Одсек за заштиту животне средине, у 2010. год.) и

- Идејни пројекат оснивања расадника за производњу шумског садног материјала у Тамнави (пројекат у сарадњи са РБ Колубара-Лазаревац, у 2010. год.).

Conferences

Конференције

- 11th Symposium on the Flora of Southeastern Serbia and Neighbouring Regions, June 17-20, 2010, Vlasina Lake, Serbia
- International Scientific Conference "Forest Ecosystems and Climate Change", March 9-10, 2010, Belgrade, Serbia
Member of the scientific committee and chair of the section "Biodiversity of Forest Ecosystems and Climate Change".
- International Conference "Degraded areas & Ecoremediation", May 21-22, 2010, Belgrade, Serbia
- International Scientific Conference "Forestry: Bridge to the Future", May 13-15, 2010, Sofia, Bulgaria
- First Serbian Forestry Congress "Future with forests", November 11-13, 2010, Faculty of Forestry, University of Belgrade, Belgrade
- International Scientific Conference "The 43rd International October Conference on Mining and Metallurgy", October 12-15, 2010, Kladovo, Serbia
- 19th Symposium of the Serbian Plant Physiology Society, June 13-15, 2011, Banja Vrujci, Serbia
- Scientific conference with international participation "Protection of Nature in the 21st century", Zabljak, Montenegro
- International Scientific Conference "Forests in the Future, Sustainable Use, Risks and Challenges", October 4-5, 2012, Belgrade, Serbia
- 11th Symposium on the Flora of Southeastern Serbia and Neighbouring Regions, June 13-16, 2013, Niš, Serbia

Seminars

Семинари

Honours and awards

Награде и признања

Memberships

Чланства

References

Референце

Membership on the editorial board of the journal

Чланства у уређивачким одборима научних часописа

- Sustainable Forestry (Belgrade) – 2008- (present)

Editing monographs and thematic collections

Уређивање монографија и тематских зборника

Citations

ca 90 citations (35 in SCI journals)

Цитираност

Ca. 90 citata (35 u časopisima sa SCI liste)

Review

reviews

- Monograph: Reclamation of coppice and degraded forests and forest ecosystems. Ratknić, M., Drazic, M., Rakonjac, Lj., 2010, Institute of Forestry, Belgrade, p. 363.
- Review of the scientific paper "Energy Plantations of Dendroflora on Open-pit Coal-Mine Overburden Deposits", AJAR-10-675. African Journal of Agricultural resaerch., 2010.
- Review of the scientific paper in the international journal (African Journal of Pure and Applied Chemistry in 2010, Entitled "Volatile

Constituents of Essential Oils Isolated from Different Parts of *Alpinia calcarata* Rosc" AJPAC-10-070.

4. Review of the scientific paper: Ratknić, M., Rakonjac, Lj. 2010. Sessile Oak and Hornbeam Forest Resources and Peshter Plateau. Sustainable Forestry, 61-62, pp. 27-39.

Рецензије

1. Monografija: Melioracija izdanačkih i degradiranih šuma i obnavljanje šumskih ekosistema. Ratknić, M., Dražić, M., Rakonjac, Lj. 2010. Institut za šumarstvo, Beograd, 363 p.
2. Recenzija naučnog rada "Energy Plantations of Dendroflora Species on Open-Coal Mines Overburden Deposits", AJAR-10-675., African Journal of Agricultural resaerch, 2010.
3. Recenzija naučnog rada u međunarodnom časopisu (African Journal of Pure and Applied Chemistry u 2010. god.), pod naslovom: "Volatile Constituents of Essential Oils Isolated from Different Parts of *Alpinia calcarata* Rosc", AJPAC-10-070.
4. Recenzija naučnog rada: Ratknić, M., Rakonjac, Lj. 2010. Sessile Oak and Hornbeam Forest Resources in Peshter Plateau. Sustainable Forestry, 61-62, pp. 27-39.

ANNEXES

Research Laboratory Department of genetics, seed production, physiology and plant breeding
Odsek laboratorije za ispitivanje za genetiku, semenarstvo , fiziologiju i oplemenjivanje biljaka