



Ch. Asst. Yonko Dobrinov Dodev

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ReserchGate:

https://www.researchgate.net/profile/Yonko_Dodev

Date and birth place: 30 March 1983, Botevgrad, Sofia District, Bulgaria

Research interests: Ecological and silvicultural characteristics of forest ecosystems; Silvicultural systems for sustainable forest management; Cultural forest ecosystem services (including forest therapy, recreation, education, culture and sport); Forest policy and management

Education:

2006: Doctor in Forestry (incl. Dendrology), Forest Research Institute - Bulgarian Academy of Sciences, Sofia

2004-2006: Master in Forestry; Specialization: Forest Use and Economics of Forestry. Forestry University, Sofia

2000–2004: Bachelor in Forestry. Forestry University, Sofia

Employment:

2017-present: Chief Assistant in Forestry (incl. Dendrology), Forest Research Institute - Bulgarian Academy of Sciences

2011-2017: Assistant in Forestry (incl. Dendrology), Forest Research Institute - Bulgarian Academy of Sciences

2010-2011: Forester, Forest Research Institute - Bulgarian Academy of Sciences

2007: Deputy Director, Forestry State Botevgrad

2005-2007: Forester, Forestry State Etropole

Administrative responsibilities:

2010 - present: Head of Research base in beech forests in Etropole, Forest Research Institute - Bulgarian Academy of Sciences

Participation in public bodies and organizations outside BAS:

2009-present: Vice-President of Youth movement for development of the rural areas in Bulgaria (NGO), Botevgrad, Bulgaria

Publications: 1 monography and 26 scientific papers published. List of publications for last five years:

Dodev Y (2016) Ecological and silvicultural characteristics of *Carpinus orientalis* Mill. forests in "Etropolevska Stara planina" mountain and prospects for their sustainable management. PhD thesis, Forest Research Institute - Bulgarian Academy of Sciences, Sofia.

Dodev Y, Markoff I, Popov G, Ustabashiev F (2017) Growth and yield of Oriental hornbeam forests (*Carpinus orientalis* Mill.) in Etropolevska mountain of the Balkan range. Forest Science 1: 17-38.

Popov G, Kostov G, Markoff I, Georgieva D, Borissov M, **Dodev Y** (2016) Transformation of coniferous plantations created in the lower forest zone. Proceedings of the National Conference with International Participation "Perspectives and Guidelines for Management of Coniferous plantations", 28-29.01.2016, Kyustendil.

- Popov G., G. Kostov, I. Markoff, **Y. Dodev**, D. Georgieva, 2018. Coniferous plantations in Bulgaria created outside of their natural habitat. Monography. Avangard, Sofia.
- Madzhov S, **Dodev Y** (2018) Research and determination of the service life of tangible assets, taking into account the dynamics of economic processes. Proceedings of the XXIX National Scientific-Applied Conference "Quality for a Better Life", Avangard Prima, 177-179.
- Dodev Y**, Mihailov S, Popov G, Markoff I, Glogov P (2018) Management of the sweet chestnut forests in Bulgaria. XXVII International conference for young scientists 2018, 14-15 June 2018, Blagoevgrad, Bulgaria, Avangard Prima, 107-112.
- Dodev Y**, Popov G, Ustabashiev F, Markoff I (2018) Sustainability of Turkey Oak coppice forests in Northern Bulgaria. XXVII International conference for young scientists 2018, 14-15 June 2018, Blagoevgrad, Bulgaria, Avangard Prima, 100-106.
- Dodev Y**, Popov G, Markoff I, Glogov P, Ferezliev A (2018) European experience in managing of coppice with standards and its prospects in Bulgaria. Forest Science 54 (2): 1-14.
- Glogov P, Georgieva M, Pavlova D, **Dodev Y** (2018) Analysis of dendroflora on the territory of Lozenska mountain. II. Characteristic of phytogeographical elements and relics. Forest Science 1: 23-38.
- Popov G, Markoff I, **Dodev Y**, Georgieva M (2019) Method of transformation of coppice oak stands. Proceeding papers '150 Years of Bulgarian Academy of Sciences', Professor Marin Drinov Academic Publishing House, Sofia, 233-242.
- Popov G, Markoff I, **Dodev Y**, Georgieva M (2019) Management of the coppice Oak forests in Central North Bulgaria. Bulgarian Academy of Sciences Journal, 3, Professor Marin Drinov Academic Publishing House, Sofia, 22-29.
- Dodev Y**, Zhiyanski M (2019) Forest Welfare Policy In South Korea. Proceeding papers '150 Years of Bulgarian Academy of Sciences', Professor Marin Drinov Academic Publishing House, Sofia, 290-296.
- Glogov P, Markov I, Georgieva ML, Zaemdzikova G, **Dodev Y**, Pavlova D, Gyudorova S (2019) Research on the distribution and the ecological characteristics of Oriental Hornbeam (*Carpinus orientalis* Mill.) and South European Flowering Ash (*Fraxinus ornus* L.) on the territory of Lozenska mountain. Forest Science 2: 71-93.
- Kachova V, Ferezliev A, **Dodev Y** (2019) Growth characteristics of *Robinia pseudoacacia* L. plantations after applying of agroforestry. Ecologia Balkanica 11 (1): 35-50.
- Glogov P, Pavlova D, Georgieva M, **Dodev Y**, Gyudorova S (2019) Survey of invasive alien species in the flora of Lozenska Mountain, Bulgaria. Botanikai Közlemények 106 (2): 197-216.
- Ferezliev, A., K. Karov, N. Zafirov, V. Kachova, **Y. Dodev**, 2019. Comparative study of the height and volume structure of Douglas-fir (*Pseudotsuga menziesii* (Mirb.) Franco) forest plantations in North-West Rhodopes. Ecologia Balkanica 11 (1): 63-74.
- Dodev Y**, Zhiyanski M, Markoff (2020) Concept for sustainable management of Oriental hornbeam (*Carpinus orientalis* Mill.) forests in Bulgaria. Austrian Journal of Forest Science, 1, University of Natural Resources and Life Sciences and the Federal Research and Training Centre for Forests, Natural Hazards and Landscape: 23-42.
- Glogov P, Georgieva M, Pavlova D, **Dodev Y** (2020) Characteristics of the locality of *Opuntia humifusa* (Cactaceae) on the territory of the Lozenska mountain. Forest Science 1: 29-44.
- Dodev Y**, Zhiyanski M, Glushkova M, Sop Shin W (2020) Forest welfare services - the missing link between forest policy and management in the EU. Forest Policy and Economics 118.
- Yaneva R, Zhiyanski M, **Dodev Y** (2020) Bioaccumulation of potentially toxic elements within the soil-plant system in Central Balkan region: analysis of the forest ecosystem capacity to mediate toxic elements. Environmental Geochemistry and Health.
- Markoff I, Popov G, **Dodev Y**, Georgieva M (2020) Climate change and its impact on the oak coppices in Central Northern Bulgaria. Forest Science 2; 68-78.

Research projects: Coordinator or participant in 18 national and international research projects. The projects for the last 5 years are listed below:

- 2013-2017. COST Action FP1301 EuroCoppice: Innovative management and multifunctional utilization of traditional coppice forests – an answer to future ecological, economic and social challenges in the European forestry sector. Supported by the EU Framework Programme Horizon 2020.
- 2017-2018. Development of silvicultural systems for management of coppice oak forests (including management objectives, methods of restoration and cultivation) in the territory of the North-Central State Enterprise Gabrovo. Contract №20520171/02.05.2017 between the North-Central State Enterprise Gabrovo and the Forest Research Institute - BAS. Project manager: Assoc. Prof. Dr. Grud Popov, Forest Research Institute - BAS.
- 2018. Silvicultural concept for sustainable management of Oriental hornbeam forests (*Carpinus orientalis* Mill.) in the territory of Southwestern State Enterprise. Contract PO-01-31/05.04.2018 between the Southwestern State Enterprise and the Forest Research Institute - BAS. Project manager – Ch Asst. Dr. Yonko Dodev, Forest Research Institute - BAS.
- 2018-2020. Protecting the environment and reducing the risk of adverse events and natural disasters. FP I.1.4 Impact of climate change on forest ecosystems. National Scientific Program "Environmental Protection and Reduction of the Risk of Adverse Events and Natural Disasters" - Ministry of Education and Science. Project manager on behalf of the Forest Research Institute - Prof. Dr. Margarita Georgieva.
- 2018-2020. Integrated analysis of the capacity of forest ecosystems in the Middle Stara Planina mountain to reduce the impact of toxic elements: state, dispersion, degradation and impact. Contract between The Bulgarian National Science Fund and the Forest Research Institute - BAS. Project manager: Asst. Dr. Rositsa Yaneva, Forest Research Institute - BAS.
- 2018-2021. Monitoring of xylophages insects on the spruce, fir and Scots pine in the stands affected by the 2018 windstorm and the development of measures to reduce their numbers. Funded by South-Central State Enterprise - Smolyan. Project Leader: Prof. DSc Georgi Georgiev, Forest Research Institute - BAS.
- 2019-2020. For everyone saved a tree (FOREST). Funded by the Interreg-IPA CBC Bulgaria-Serbia. Project manager: Ch. Asst. Yonko Dodev.
- 2019-2021. "Concept, flexible methodology and pilot geospatial platform for access of the Bulgarian natural heritage to the European digital common market of knowledge and information services" under project BG05M2OP001-1.001- 0001 Construction and development of the Center for Excellence "Heritage BG", funded by OP "Science and Education for Smart Growth" 2014-2020, co-financed by the European Regional Development Fund.
- 2019-2023. COST Action CA18119 – Who Cares in Europe? Supported by the EU Framework Programme Horizon 2020.