Assist. Prof. Dr. Proletka Dimitrova

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Date and birth place: 15 January 1972, Vidin, Vidin District

Research interests: Forest Genetics, Forest Plantations, Forest Physiology, Biotechnology

Education:
2006: PhD in Forest Plantations, Forest Research Institute, BAS, Thesis: „Ecological and biological peculieritites *of Robinia pseudoacacia* L. on degraded terrains"
1996: Biology and Chemistry, Plovdiv University „Paisii Hilendarski"
Training:
2002: Training cource on Biotecnology, DSE Foundation and Hannover University

Employment:
2006: Researcer, Department of Forest genetics, physiology and plantations, Forest Research Institute, BAS
1996: Biologist, Department of Forest genetics, physiology and plantations, Forest Research Institute, BAS

Publications: 24 papers published . The list of selected publications for last five years:

Stankova T, Gyuleva V, Kalmukov K, Popov E, Pérez-Cruzado C, Glushkova M, Dimitrov D N, **Dimitrova P**, Hristova H, Andonova E (2020) Effect of spacing, parental genotype and harvesting cycle on biomass production in two half-sib progenies of *Robinia pseudoacacia* L. Forestry: An International Journal of Forest Research 93(4): 505–518. Publ. 28 June 2019. https://doi.org/10.1093/forestry/cpz039

Dimitrova P, Gyuleva V, Stankova T, Nenkova S, Valchev I, Andreykova T, Petrin St (2019) Analysis of some feedstock properties of fast-growing broadleaved species for energy crops. – Forest science, 53 (1), 39-52.

Dimitrova P, Kalmukov K (2019) Dynamics of growth parameters of juvenile plantations from halfsibs progenies of selected Robinia pseudoacacia L. clones. Forest Science, 1, 41-52.

Dimitrova P (2019) Mechanical stability of plantations from halfsibs progenies of selected Robinia pseudoacacia L. clones in young age. In: Proceedings "150 Anniversary o Bulgarian Academy of Sciences", 197-203.

Stankova T, Gyuleva V, Kalmukov K, Dimitrov D N, Popov E, Glushkova M, **Dimitrova P**, Hrsitova H (2018) Woody biomass estimation of coppiced plants from open pollinated progenies of two selected black locust clones. In: Proceeding papers of the International Scientific Conference "90 years Forest Research Institute – for the society and nature", 24-26 October, Sofia, 251-266.

Dimitrova P (2017) Comparative analysis of growth and productivity in young halfsibs progenies from selected clones of black locust (*Robinia pseudoacacia* L.). Forest Science, 2, 21-31.

Stankova T, Gyuleva V, Kalmukov K, **Dimitrova P**, Velizarova E, Dimitrov D N, Hristova H, Andonova E, Kalaydzhiev I, Velinova K (2016) Biometric models for the aboveground biomass of juvenile black locust trees. Silva Balcanica 17(1) : 21 – 30.

Stankova T, Gyuleva V, Tsvetkov I, Popov E, Velinova K, Velizarova E, Dimitrov D N, Kalmukov K, Glushkova M, **Dimitrova P**, Hristova H, Andonova E, Georgiev G P, Kalaydzhiev I, Tsakov H (2016) Aboveground dendromass allometry of hybrid black poplars for energy crops. Annals of Forest Research 59(1): 61-74. DOI: 10.15287/afr.2016.552.

Research projects: Coordinator or participant in 7 national and international research projects. The projects for the last 5 years are listed below:

- Assesment of the bioproductivity of fastgrowing broadleaved tree species 2016-2019. Coordinator: associate professor Veselka Guleva. Member of the team