

Engineer-agronomist Penka Stefanova

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Date and birth place: 2 October 1963, Stara Zagora, Bulgaria

Research interests: Forest genetics, physiology, cultures, selection, plant biotechnology.

Education: 1987: Agronomic engineer in Tropical and subtropical vegetation, Agrarian University – Plovdiv, Bulgaria

Training: 2005 Accounting with software product
University of National and World Economy

Employment:

2015- present: Agronomist Engineer, Forest Research Institute at BAS, Sofia
2005-2015: Accountant Forest Research Institute at BAS, Sofia
1994-2005: Agronomist Engineer Forest Research Institute at BAS, Sofia
1992-1994: State Forestry, Sofia
1991: State Forestry, Sofia
1990: Lab assistant Pregonaaldwijk, Sofia
1989-1990: Lab assistant PPC Gorna Banya
1987-1989: Agronomist KSSB Novi Iskar

Publications:

Stankova T, V. Gyuleva, E Popov, K Petkova, D N Dimitrov, V Biserkov, E Andonova, **P Stefanova**.
Impact of spacing, clone and coppicing on biomass production of two black poplar hybrids. (2019), *Forestry Ideas*, 25, 2, 351-368. SJR (Scopus):0.103 Q4 (Scopus)

E. Popov, Г. Hinkov, I. Velichkov, **P. Stefanova**. Productivity of douglas fir plantations in bulgaria and necessity for its utilisation. (2018), *Forest Science*, 54, 2, Forest Research Institute, ISSN:0861-007X, 3-23

Kachova V., R. Donkova, E. Popov, **P. Stefanova**. Changes in the microbial communities of the soil after application of organic fertilizers during the growth of Norway maple seedlings. (2017), *Forest Science*, 53, 2, Forest Research Institute - BAS, ISSN:0861-007X

Research projects:

- Maintenance, conservation and use of forest gene pool as a valuable natural resource for a sustainable bio-economy and the conservation of biological diversity. 2020-2022.
- Dendrochronology - creation of millennial rocks for dating the material cultural heritage of the Balkans, 2017 – 2020.
- Tree species, genotypes and technologies for the acceleration of biomass production and high-quality wood, for the improvement of the landscape and environmental protection, 2017-2019.
- Assessment of the bioproductivity of fastgrowing broadleaved tree species 2016-2020.
- Green technologies to produce quality wood and biomass for improvement to the landscape and the environment , 2014-2016.