



## **Eng. Yonka Slavchova Vasileva**

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**Date and birth place:** 10 February 1956, Zlatitza, Sofia district

**Research interests:** Forest ecology

### **Education:**

1990: MSc chemistry engineer, specialty "Chemical technology of wood", UCTM – Sofia

### **Training:**

1997: Atomic absorption analysis, Sofia University "St. Kliment Ohridski", Sofia

### **Employment:**

2005-present: chemistry engineer, Department of Forest ecology, Forest Research Institute, BAS

1985-1991: SPRSV - 1, Sofia

1975-1979: Laboratory assistant, Kristal Velingrad

**Research projects:** Participant in more than 10 national and international research projects. The projects for the last 5 years are listed below:

- Forest ecosystems in the conditions of natural and anthropogenic impacts - condition, vulnerability and adaptation - Head Ch. Assistant Dr. Dimitar Dimitrov. Task: Study of the water flow in small catchments in the field station "Igralishte". Team member.
- Forest ecosystems - condition, risk processes and phenomena, protection (project FRI-BAS - head Prof. DSc Ivan Marinov). Task: Erosion studies in torrential tributaries of the Dzherman River. 2017-2020. Team member.
- Subproject: Composting of plant waste from city parks - possibility for recovery. 2015-2016. Team member.
- Subproject: Assessment of the impact of forest fires on the quality and functions of forest soils. 2016. Team member.
- Project: Assessment and monitoring of the impact of polluted air on forest ecosystems. 2015-2020. Team member.
- Land use and management impacts on carbon sequestration in mountain ecosystems, SNSF, 2011-2016.
- Assessment of soil erosion risk and determination of erosion control activities in Dzherman river watershed. 2016-2017. Team member.