



Chief Assistant Dr. Dimitar Petrov Dimitrov

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ReserchGate:

https://www.researchgate.net/profile/Dimitar_Dimitrov32

Date and birth place: 20 April 1975, Vidin, Bulgaria

Research interests: Forest ecology, dendrochronology, climatology, forest dynamics, wood anatomy

Education:

2019: PhD in forest ecology, Forest Research Institute, Bulgarian Academy of Sciences. Thesis: Dendrochronological analyses of the European beech (*Fagus sylvatica* L.) forests in northern slopes of Balkan Range Mountains

2002: MSc in Forest ecology, Univesity of Forestry, Sofia, Bulgaria. Thesis: Possibilities for close to-nature forestry of young European beech (*Fagus sylvatica* L.) stands in Balkan Range Mountains

Training:

2006: Wageningen university, The Netherlands. Fellowship study "Methods of dendrochronology". Supervisor: dr. Ute Sass-Klaassen.

2005: ALTErrA institute, The Netherlands. Fellowship study "Modelling of tree mortality in nature ecosystems". Supervisor: prof. Koen Kramer.

Employment:

2010-present: Chief assistant, Department of Forest ecology, Forest Research Institute, BAS

2002-2010: Assistant, Department of Forest ecology, Forest Research Institute, BAS

Administrative responsibilities:

2020-present: Head of the Department of Forest ecology, Forest Research Institute, BAS

The list of selected publications for last five years:

Dimitrov DP (2019) Dendrochronology of 358-year-old beech stand (*Fagus sylvatica* L.) from tree-line zone, Balkan Range Mt., Bulgaria. *Silva Balcanica*, 20 (3): 19-26.

Dimitrov DP (2019) Development of the methods of dendrochronology during 19-th and 20-th century: brief review. Proceeding papers "150 Years of Bulgarian Academy of Sciences", Sofia, 129-138.

Bräuning A, De Ridder M, Zafirov N, García-González I, **Dimitrov DP** Gärtner H (2016) Tree-ring features – indicators of extreme event impacts. *IAWA journal* 37(2):201-231.

Dimitrov DP (2015) Monthly fluctuations of temperature and precipitation in ecological station "Vasil Serafimov" – Rila, *Forest science*, 15 (2): 39-47.

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

- Forest treeline shifting in the forest reserve Tsarichina - example of positive response of the forest ecosystems to the climate change and land use change. National scientific fund, Ministry of education and science. 2019-2021. Project Leader: Chief assist. Dimitar P. Dimitrov, PhD
- Dendrochronology – a thousand years master chronology building to date the material and cultural heritage of the Balkans. National scientific fund, Ministry of education and science. 2017-2021. Project Leader for FRI: Chief assist. Dimitar P. Dimitrov, PhD
- National research program "Environmental protection and reduction of adverse events and natural disasters' risks"- WP 1.8, Ministry of education and science. 2018-2023. Project Leader for FRI: Prof. Miglena Zhiyanski
- Studying tree responses to extreme events: a synthesis, COST Action FP1106 (STReESS). 2012-2016. Project Leader: Dr. Ute Sass-Klaassen (The Netherlands)