

PERSONAL INFORMATION



Svetoslav Mladenov Anev

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WORK EXPERIENCE

- 2012 – to present **Chief assistant professor**
University of Forestry, Sofia, Bulgaria
- 2009 – 2012 **Assistant professor**
University of Forestry, Sofia, Bulgaria
- 2005 – 2009 **Chief expert**
National research station of wildlife biology and pathology, Sofia, Bulgaria

ОБРАЗОВАНИЕ И ОБУЧЕНИЕ

- 2007 – 2012 **PhD of Silviculture and Dendrology**
University of Forestry, Sofia, Bulgaria
 - Physiology of plant stress and adaptation
 - Mathematical methods and models in ecophysiological investigations
 - Information technologies
- 2004 – 2005 **MSc of Forestry**
University of Forestry, Sofia, Bulgaria
 - Multifunctional forest management
 - Assessment of forests and forest lands
 - Forest management
 - Forest policy
 - Forest growth and development
 - Wildlife and game management
 - Silviculture
 - Forest plantation
 - Mathematical methods and models
 - GIS
 - Torrential watersheds
 - Plant selection
- 2007 – 2012 **BSc of Forestry**
University of Forestry, Sofia, Bulgaria
 - Physiology of woody plants
 - Dendrology
 - Forest genetics and selection
 - Ecology
 - Silviculture
 - Forest management
 - Forest measurements
 - Wildlife management

PERSONAL SKILLS

Mother tongue(s) Bulgarian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Listening	Reading
English	B1	B1	B1	B1	B1
Russian	B1	B1	B1	B1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Free level	Free level	Free level	Free level	Free level

- Software: MS Office, OriginPro, SigmaPlot, EndNote, Mathematica, Li6400 Pack и др.
- Programmable language: Visual Basic for Applications, HTML, CSS, JavaScript, C#

Driving licence B and M

ADDITIONAL INFORMATION

- Publications
Presentations
Projects
Conferences
Seminars
Honours and awards
Memberships
- Dissertation
- AHEB, C. 2012. Еко-физиологични проучвания на обикновен бук (*Fagus sylvatica* L.) в района на Западна Стара планина. Дисертация доктор, Лесотехнически университет, София.
- Text books
- Tzvetkova N., Anev, S. 2015. Manual of plant physiology, Sofia, p. 92
- Books
- TZVETKOVA, N., PARVANOV, P., ANEV, S., DONEV, E. 2011. Ozone monitoring in some urban and mountain regions of Bulgaria and the effect of ozone on tree vegetation. In R. Efe, M. Ozturk & S. Ghazanfar (Eds.), Environment and Ecology in the Mediterranean Region (pp. 135-145). London: Cambridge Scholars Publishing, ISBN:9781443838030
 - ЦВЕТКОВА, Н., АНЕВ, С. 2012. Физиологична активност и нетна първична продуктивност на млади букови гори. В: С. Мирчев (Ред.), Влияние на антропогенни и биотични фактори върху фитосанитарното състояние и биопроductивността на букови гори (стр. 60-91). София: ЛТУ
 - TZVETKOVA, N. & ANEV, S. 2014. Phenological observations of young common beech stands from a representative site in Bulgaria. In R. Efe & M. Ozturk (Eds.), Environment and Ecology in the Mediterranean Region II (pp. 373-382). Newcastle: Cambridge Scholars Publishing, ISBN:978-1-4438-5538-9
- Articles in peer-reviewed journals
- ПЪРВАНОВА, П., ЦВЕТКОВА, Н., БРАТАНОВА-ДОНЧЕВА, С., ФИКОВА, Р. & АНЕВ, С. 2008. Експериментални методи за изследване на ефекта от тропосферния озон върху горските екосистеми. Лесовъдска мисъл, 36, 97-112.
 - АНЕВ, С., HADJIVANOVA, C., TZVETKOVA, N. 2009. Ozone response of young beech trees (*Fagus sylvatica* L.) in the Western Balkan forests (Bulgaria). Ecologica, 54(16), 51-54.

<http://scindeks.nb.rs/article.aspx?artid=0354-32850954051A>

- ANEV, S., TZVETKOVA, N. 2009. Dynamics of air pollutants in the region of ecological station Vitinya during the vegetation period of 2007 and 2008. *Journal of International Scientific Publication: Ecology & Safety*, 3, 371-381.
- ANEV, S., TZVETKOVA, N. 2009. Rate of transpiration and stomatal conductance of young beech (*Fagus sylvatica* L.) trees at different levels of water supply. *General and Applied Plant Physiology*, 35(3/4), 122-126.
- TZVETKOVA, N., PARVANOV, P., ANEV, S. 2010. Foliar water loss of *Fagus sylvatica* trees under ozone impact in urban and mountain areas. *Journal of International Scientific Publication: Ecology & Safety*, 4, 481-489.
- ANEV, S., TZVETKOVA, N., PENCHEVA, A., KABATLIYSKA, Z. 2013. Gas-exchange responses of *Schefflera arboricola* (Hayata) Merr. and *Anthurium andreaeanum* Linden. infested by *Coccus hesperidum* L. (Homoptera: Coccidae). *Acta Entomologica Bulgarica*, 15(1-2), 31-40.
- АНЕВ, С., ДАМЯНОВА, С., ТОНЧЕВ, Т. 2013. Статистическа оценка на модели за пространствена интерполация при определяне на валежните количества в планински район. *Управление и устойчиво развитие*, 40(3), 39-46.
- ДАМЯНОВА, С., АНЕВ, С., ТОНЧЕВ, Т. 2013. Отлагания на базични йони в букови насаждения на различна надморска височина. *Устойчиво развитие*, 10, 134-138.
- IVANOVA, A., ANEV, S. 2014. Response of subalpine saplings to different drought stress. *Ecologia Balkanica*, 6(1), 19-23.
- IVANOVA, K., ANEV, S., TZVETKOVA, N., GEORGIEVA, T., MARKOVSKA, Y. 2015. Influence of salt stress on stomatal, biochemical and morphological factors limiting photosynthetic gas exchange in *Paulownia elongata* × *fortunei*. *Comptes rendus de l'Académie bulgare des Sciences*, 68(2), 217-224. IF: 0.211
- ANEV, S., GEORGIEVA, S., DIMITROVA-MATEVA, P., CHANEVA, G., 2015. Effect of beech weevil (*Orchestes fagi* L.) infestation on photosynthesis and water regime of common beech (*Fagus sylvatica* L.) leaves. *Journal of Bioscience and Biotechnology*, Special edition: 235-238.
- KALAI DZHIEV, I., ANEV, S., GULEVA, V., TZVETKOVA, N., 2015. Growth and adaptability of year-old saplings of Black poplar (*Populus nigra* L.). *Silva Balcanica*, 16(1): 50-61.
- ANEV, S., DAMYANOVA, S., TONCHEV, T., TZVETKOVA, N., 2015. Transmittance coefficient of leaves from different crown parts of young beech (*Fagus sylvatica* L.) trees. *Silva Balcanica*, 16(2): 113-119.
- ANEV, S., 2016. Gas-exchange dynamics within the crown of Norway spruce. *Forestry Ideas*, 22(1): under review.
- DIMITROVA-MATEVA, P., ANEV, S., GEORGIEVA, S., CHANEVA, G., TZVETKOVA, N., 2016. Ecophysiological method for assessment of *Orchestes fagi* L. infestation on Common beech trees. *Forestry Ideas*, 22(1): in press.

Full-text conference paper

- TZVETKOVA, N., ANEV, S. 2008. Water Regime of Common Beech (*Fagus sylvatica* L.) in Drained Terrains. In: M. Morell (Editor), Tirth International Conference BALWOIS 2008 on Water, Climate and Environment, Ohrid, FYROM, on-line,
- <http://balwois.com/k9proceeding/183-water-regime-of-common-beech-fagus-sylvatica-l-in-drained-terrains/>
- АНЕВ, С. 2011. Влияние на факторите на средата върху нетната първична продуктивност на горски насаждения. XXI Международна научна конференция за млади учени. Съюз на специалистите по качеството в България, Юндола, pp. 90-95, ISBN: 954-323-057-9
- АНЕВ, С. 2011. Еко-физиологичен модел за определяне на нетната първична продуктивност в горски насаждения. XXI Международна научна конференция за млади учени. Съюз на специалистите по качеството в България, Юндола, pp. 90-95, ISBN: 954-323-057-9
- БОНЧЕВ, Л., АНЕВ, С., ЙОРДАНОВ, Й., КЛЕМЕНТОВ, А. 2011. Влияние на стопанската дейност върху устойчивото развитие на популацията от глухар (*Tetrao urogallus* L.) в Западни Родопи. XXI Международна научна конференция за млади учени. Съюз на специалистите по качеството в България, Юндола, pp. 90-95, ISBN: 954-323-057-9
- ANEV, S., TZVETKOVA, N., 2012. Effect of temperature regime on phenological phases and duration of vegetation period of young beech (*Fagus sylvatica* L.) stands in the West Balkan mountain. In: M. Morell (Editor), Fifth International Conference BALWOIS 2012 on Water, Climate and Environment, Ohrid, FYROM, on-line:
- <http://balwois.com/k9proceeding/254-effect-of-meteorological-factors-on-phenological-phases-and-duration-of-vegetation-period-of-young-beech-fagus-sylvatica-l-stands-in-the-west-balkan-mountain/>
- TZVETKOVA, N., ANEV, S., PARVANOV, P., 2012. Ozone load on beech forest stands in the Western Balkan mountain of Bulgaria. In: M. Morell (Editor), Fifth International Conference BALWOIS 2012 on Water, Climate and Environment, Ohrid, FYROM, on-line:

- <http://balwois.com/k9proceeding/256-ozone-load-on-beech-forest-stands-in-the-western-balkan-mountain-of-bulgaria/>
- ДИМИТРОВА-МАТЕВА, П., ГЕОРГИЕВА, С., АНЕВ, С., ЦВЕТКОВА, Н., ЧАНЕВА, Г., 2015. Относно необходимостта от икономическо оценяване на здравословното състояние на буквите гори, засегнати от листоминиращи насекоми, Агробизнесът и селските райони – настояще и бъдещо развитие. Икономически университет, Варна, Варна, България, pp. 407-414.

Conference proceedings

- АНЕВ, С., ЦВЕТКОВА, Н. 2009. Интензивност на транспирацията и проводимост на устицата на млади букови дървета при различни нива на атмосферно замърсяване. Paper presented at the XI National Conference on Plant Physiology, София. on-line: <http://www.bio21.bas.bg/ipp/conference/abstracts.html>
- АНЕВ, С., ТЗВЕТКОВА, Н., МИХОВ, И. 2010. Stomatal Control on water use efficiency in sun and shade leaves of young beech (*Fagus sylvatica* L.) trees. Paper presented at the Forestry: Bridge to the Future, Sofia. p. 142
- АНЕВ, С., ИВАНОВА, А. 2013. Бъдещето на старите гори в условията на климатични промени – оцеляемост на фиданки от субалпийски видове при различни схеми на засушаване. Представен на: Вековни иглолистни гори в Централна и Югоизточна Европа – ползи и проблеми при опазването им, 03 – 04 октомври 2013, Благоевград, България. стр. 30
- АНЕВ, С., ИВАНОВА, А., ТЗВЕТКОВА, Н. 2014. Water use efficiency of *Picea abies* and *Pinus mugo* saplings under drought stress. Paper presented at the Plant physiology and genetics – Achievements and Challenges, Sofia, Bulgaria. p. 72
- АНЕВ, С., ТЗВЕТКОВА, Н. 2015, 06-09.05.2015. Dynamics of gas-exchange within the crown of Norway spruce (*Picea abies* Karst.). Paper presented at the International scientific conference "Forestry: Bridge to the Future", Sofia, Bulgaria, p. 113
- ИВАНОВА, А., АНЕВ, С., ТЗВЕТКОВА, Н. 2015, 06-09.05.2015. Stomatal control on photosynthesis in dried saplings of genus *Pinus*. Paper presented at the International scientific conference "Forestry: Bridge to the Future", Sofia, Bulgaria, p. 122
- АНЕВ, С., ГЕОРГИЕВА, С., ДИМИТРОВА-МАТЕВА, П., ЧАНЕВА, Г., ТЗВЕТКОВА, Н., 2015. Effect of beech weevil (*Orchestes fagi* L.) infestation on photosynthesis and water regime of common beech (*Fagus sylvatica* L.) leaves, National conference for young scientists – Biological sciences for better future, Plovdiv, Bulgaria. p. 116
- ЧАНЕВА, Г., ГЕОРГИЕВА, С., ДИМИТРОВА-МАТЕВА, П., АНЕВ, С., ТЗВЕТКОВА, Н., 2015. Changes in the antioxidant stress markers in the beech leaves after *Orchestes fagi* infestation, National conference for young scientists – Biological sciences for better future, Plovdiv, Bulgaria. p. 115
- ЧАНЕВА, Г., ГЕОРГИЕВА, С., ДИМИТРОВА-МАТЕВА, П., АНЕВ, С., ТЗВЕТКОВА, Н., 2015. Effect of *Orchestes fagi* L. infestation on the pigment content of beech (*Fagus sylvatica* L.) leaves, National conference for young scientists – Biological sciences for better future, Plovdiv, Bulgaria. p. 44
- ДИМИТРОВА-МАТЕВА, П., АНЕВ, С., ГЕОРГИЕВА, С., ЧАНЕВА, Г., ТЗВЕТКОВА, Н., 2015. Eco-physiological method for investigating the effect of beech weevil (*Orchestes fagi* L.) infestation on common beech (*Fagus sylvatica* L.) trees, National conference for young scientists – Biological sciences for better future, Plovdiv, Bulgaria. p. 43
- АНЕВ, С., ИВАНОВА, А., ТЗВЕТКОВА, Н., YOURUKOV, S. 2015. Physiological response of subalpine saplings to drought, International scientific conference "Mountain Forest Management in a Changing World", 7-9 July 2015, Smokovec, High Tatras Mountains, Slovakia. p. 66