



Svetoslav Anev

Place of birth: Bulgaria

Nationality: Bulgarian

CONTACT

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1797 Sofia, Bulgaria (**Work**)

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ABOUT ME

I am a Professor of Plant Physiology in the Department of Dendrology at the Faculty of Forestry, University of Forestry, Sofia, Bulgaria. My primary research interests focus on physiological stress in forests and on their acclimation and adaptation to climate change.

WORK EXPERIENCE

- University of Forestry** Sofia, Bulgaria
Professor
7 May 2026 – Current
 - Lectures in Plant Physiology, Physiology of Woody Plants and Plant Biochemistry
- University of Forestry** Sofia, Bulgaria
Business or Sector Education | **Department** Faculty of Forestry
Vice Dean
24 Mar 2020 – 10 Mar 2024
 - Educational Administration
- University of Forestry** Sofia, Bulgaria
Business or Sector Education | **Department** Dendrology
Associate professor
8 Jun 2018 – 7 May 2026
 - Lectures in Plant Physiology, Physiology of Woody Plants and Plant Biochemistry
- University of Forestry** Sofia, Bulgaria
Business or Sector Education | **Department** Dendrology
Higher education lecturer
22 May 2013 – 8 Jun 2018
 - Laboratory exercises in Plant Physiology, Physiology of Woody Plants and Plant Biochemistry
- University of Forestry** Sofia, Bulgaria
Business or Sector Education | **Department** Dendrology
Higher education lecturer
12 Jan 2009 – 22 May 2013
 - Laboratory exercises in Plant Physiology, Physiology of Woody Plants and Plant Biochemistry
- National research station of wildlife management, biology and diseases** Sofia, Bulgaria
Business or Sector Agriculture, forestry and fishing | **Department** Ministry of agriculture
Expert, wildlife
14 Sep 2005 – 6 Jan 2009
 - Scientific support for hunting activities in game breeding stations and hunting areas
- Mediko-21** Sofia, Bulgaria
Data centre operator
21 Jul 2005 – 14 Sep 2005
 - Data centre operator
- "Lehchi" LTD** Sofia, Bulgaria
Data centre operator
26 Aug 2002 – 1 Jan 2004
 - Software and hardware support;
 - Data centre operator

EDUCATION AND TRAINING

25 MAR 2025 Sofia, Bulgaria

Doctor of Science University of Forestry

Website <https://ltu.bg/> | **Field of study** Forestry (incl. Dendrology) | **Thesis** Physiological acclimation of European beech

2007 – 2012 Sofia, Bulgaria

PhD University of Forestry

Website <https://ltu.bg/> | **Field of study** Forestry (incl. Dendrology) | **Final grade** PhD | **Level in EQF** EQF level 8 | **Thesis** Ecophysiological investigation of common beech (*Fagus sylvatica* L.) in Western Balkan mountain

2004 – 2005 Sofia, Bulgaria

Master of Science University of Forestry

Website <https://ltu.bg/> | **Field of study** Горско стопанство | **Final grade** MSc | **Level in EQF** EQF level 7 | **Thesis** Multifunctional forest management on the territory of Sapareva Banya municipality

1999 – 2003 Sofia, Bulgaria

Bachelor of Science University of Forestry

Website <https://ltu.bg/> | **Field of study** Forestry | **Final grade** BSc | **Level in EQF** EQF level 6 | **Thesis** Resource value of forests in the area of the resort village of Panichishte

1993 – 1996 Kyustendil, Bulgaria

Electrical equipment of industrial enterprises Technical School of Electrical Engineering

Level in EQF EQF level 5

LANGUAGE SKILLS

MOTHER TONGUE(S): Bulgarian

Other language(s):

English

Listening B2

Reading B2

Writing B2

Spoken production B1

Spoken interaction B1

Russian

Listening B1

Reading B1

Writing B1

Spoken production B2

Spoken interaction B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Operating Systems (Windows, Linux) | Microsoft office pack | LICOR | Adobe | Geographical Information Systems (GIS) | biostatistics | Python | Visual Basic

PUBLICATIONS

Books

1. Anev S. 2025. Physiological acclimation of European beech. University of Forestry. ISBN:978-954-332-203-9. 122 pp.
2. Anev S. 2023. Eco-physiological research of European beech (*Fagus sylvatica* L.) in Western Stara Planina mnts. University of Forestry. ISBN:978-954-332-187-2. 116 pp.

Book sections

1. **Anev S.** 2016. Physiological basis of growth, adaptation and survival. In Panayotov M., Bebi P., Yurukov S. (Eds.). Mountain coniferous forests in Bulgaria – structure and natural dynamics. (pp. 70-96). University of Forestry. ISBN: 978-954-332-146-9.
2. Tzvetkova N., **Anev S.** 2014. Phenological observations of young common beech stands from a representative site in Bulgaria. In Efe R. Ozturk M. (Eds.), Environment and Ecology in the Mediterranean Region II (pp. 373-382). Cambridge Scholars Publishing. ISBN:978-1-4438-5538-9.
3. Tzvetkova N., **Anev S.** 2012. Chapter 5. Physiological activity and net primary productivity of young beech forests. In S. Mirchev (Ed.), Bioproductivity of beech forests (pp. 60-91). University of Forestry. ISBN:978-954-332-099-8.
4. Tzvetkova N., Parvanova 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 Efe R., Ozturk M., Ghazanfar S. (Eds.), Environment and Ecology in the Mediterranean Region (pp. 135-145). Cambridge Scholars Publishing. ISBN:9781443838030.

2025 - ongoing

1. Anev S., Damyanova S. 2026. Monitoring European beech phenology in two long-term ecological research sites by remote sensing. Journal of the Bulgarian Geographical Society. 54: 43-58. <https://doi.org/10.3897/jbgs.e163188>.
2. Bozhanska T., Naydenova G., Ignatova A., Radkova M., Kunev G., Anev S., Stefanova K., Revalska M., Iantcheva A. 2026. Forage Quality of Naturally Restored Legume Species from Burnt Grasslands. Proceedings of the Bulgarian Academy of Sciences. 79(7):981-990. <https://doi.org/10.7546/CRABS.2026.07.16>.
3. Karcheva Z., Angelov S., Anev S. 2026. Distribution and phenology of natural forests dominated by *Picea abies* and *Abies alba* in Bulgaria. Forestry Ideas, 32 (2):320-334. ISSN:2603-2996.
4. Anev S. 2025. Leaf phenology and vegetation period of European beech (*Fagus sylvatica* L.) forests in Bulgaria. Forestry Ideas 31(2): 3-14. ISSN:2603-2996.
5. Anev S. 2025. Assessment of ice-storm damage in forests using remote sensing. Forestry Ideas 31(1): 61-73. ISSN: 2603-2996.
6. Karcheva Z., Georgieva Z., Anev S., Petrova D., Paunov M., Zhiponova M., Chaneva G. 2025. Modulation of Zn toxicity in *Pisum sativum* L. by phytoremediation. Plants 14(2): 215. <https://doi.org/10.3390/plants3403218>. ISSN:2223-7747. WoS IF (2024): 4.0 Q1; Scopus CiteScore (2024): 6.5; SJR (2024): 0.888 Q1
7. Anev S., Karcheva Z., Zhiponova M., Chaneva G. 2025. Biochemical acclimation of European beech (*Fagus sylvatica* L.) saplings to canopy opening. Forestry Ideas 31(1): 22-36. ISSN:2603-2996.
8. Karcheva Z., Angelov S., Anev S. 2025. Acclimation changes in photosynthesis of *Fagus sylvatica*, *Populus tremula*, and *Acer platanoides* after natural disturbance. Forestry Ideas 31(Special Issue 1): 65-76. ISSN:2603-2996.
9. Zhiponova M., Yordanova Z., Ivanov G., Gašić U., Mišić D., Alipieva K., Mantovska D., Cholakova G., Kapogianni A., Tsacheva I., Bogoeva V., Rusanova M., Rusanov K., Bonchev G., Petrova M., Petrova D., Koleva D., Hristova V., Tsenov B., Tosheva A., Mihaylova N., Raycheva A., Danchev D., Rogova M., Anev S., Vassileva V., Hristova P., Chaneva G. 2025. Chemotaxonomy and Bioactive Potential of High-Mountain Plantago atrata. Chemistry & Biodiversity n/a(n/a): e202402433. <https://doi.org/10.1002/cbdv.202402433>. ISSN:1612-1872. WoS IF (2024): 2.3 Q3; Scopus CiteScore (2024): 3.4; SJR (2024): 0.425 Q3
10. Ангелов С., Анев С. 2025. Оценка на щети от природни нарушения в горите чрез използване на нормиран диференциален индекс на растителността. Управление и устойчиво развитие 115. ISSN:1311-4506.

2021 - 2024

1. Marinova A., Anev S. 2024. Impact of silvicultural interventions on growth and survival of *Fagus sylvatica* L. saplings. Forestry Ideas 30(2): 221-232. ISSN:2603-2996.
2. Anev S., Damyanova S. 2024. Seasonal variations of gas exchange parameters in mono-dominated by *Fagus sylvatica* and *Picea abies* stands. Bulgarian Journal of Agricultural Science 30(Supplement 1): 138-143. ISSN:2534-983X.
3. Todorova D., Anev S., Iliev M., Petrakova M., Sergiev I. 2024. Changes of photosynthetic parameters in melatonin-treated wheat subjected to drought. Plants 13: 3414. <https://doi.org/10.3390/plants13233414>.
4. Anev S. 2024. Light acclimation of European beech (*Fagus sylvatica* L.) saplings after canopy destruction. Forestry Ideas 30(1): 66-78. ISSN:2603-2996.
5. Danchev D., Paunov M., Anev S., Nedelcheva A.-M., Vladimirova V., Raykova D., Raycheva A., Chaneva G., Zhiponova M. 2024. Plant-soil interactions and mulching affect the physico-chemical soil parameters and the physiological state of *Solanum tuberosum* L. and *Phaseolus vulgaris* L. Ecologia Balkanica 16(2): 46-58. <https://doi.org/10.69085/eb20242046>. ISSN:1313-9940.
6. Димитрова-Матева П., Анев С., Цветкова Н., Овчаров Д., Чанева Г., Алексиева В. 2024. Фитосанитарно състояние на буковите гори през пролетта на 2024 г. и щети, нанесени от буковия скокльо. Гора 9: 14-16.
7. Anev S. 2023. Altitudinal and latitudinal variation in leaf phenology of European beech (*Fagus sylvatica* L.) in Western Bulgaria. Forestry Ideas 29(2): 245-257. ISSN:2603-2996.
8. Todorova D., Aleksandrov V., Anev S., Sergiev I. 2023. Comparative Study of Photosynthesis Performance of Herbicide-Treated Young Triticale Plants during Drought and Waterlogging Stress. Agronomy, 13(8). <https://doi.org/10.3390/agronomy13081992>. ISSN:2073-4395.
9. Marinova A., Anev S. 2023. Gas-exchange responses to light variation of tree species in urban landscaping. Forestry Ideas 29(2): 287-299. ISSN:2603-2996.
10. Minchev M., Kirova L., Anev S., Stankova T. 2023. Survival and juvenile-age performance of Salicaceae clones for biomass. Bulletin of the Faculty of Forestry, University of Banja Luka 33. <https://doi.org/10.7251/GSF2333001M>. ISSN: 2303-694X.
11. Anev S., Tonchev T., Dimitrova V., Damyanova S. 2023. Methodological approach for long-term ecological research in forest sites. Ecologia Balkanica 15(2): 148-155. ISSN:1313-9940.

12. Кутев В., Николов А., Анев С., Тасков М. (2023). Използване на течни торове и микробиални препарати. Екология и агротехнологии – фундаментална наука и практическа реализация, София, pp:235-240. ISBN: 2683-0663.
13. Chaneva G., Tomov A., Paunov M., Hristova V., Ganeva V., Mihaylova N., Anev S., Krumov N., Yordanova Z., Tsenov B., Vassileva V., Bonchev G., Zhiponova M. 2022. Jewel Orchid's Biology and Physiological Response to Aquaponic Water as a Potential Fertilizer. *Plants* 11(22): 3181. <https://doi.org/10.3390/plants11223181>. ISSN:2223-7747.
14. Todorova D., Aleksandrov V., Anev S., Sergiev I. 2022. Photosynthesis Alterations in Wheat Plants Induced by Herbicide, Soil Drought or Flooding. *Agronomy* 12(2). <https://doi.org/10.3390/agronomy12020390>. ISSN:2073-4395.
15. Kolev K., Anev S. 2022. Physiological aspects of natural regeneration in coppiced forest dominated by *Quercus frainetto* Ten. and *Quercus cerris* L. *Forestry Ideas* 28(2): 446–454. ISSN:2603-2996.
16. Anev S., Marinova A. 2021. Physiological adaptation of European beech (*Fagus sylvatica* L.) and wild cherry (*Prunus avium* L.) saplings after windthrow. *Foresry Ideas* 27(2): 436–445. ISSN:2603-2996.
17. Glushkova M., Anev S. (2021). Productivity and physiological response of four hybrid poplar clones grown on different type of substrate. Local and regional aspects of natural hazards, Varna, pp:86-96. ISBN:978-619-7065-82-4.

2016 - 2020

1. Zhiponova M., Paunov M., Anev S., Petrova N., Krumova S., Raycheva A., Goltsev V., Tzvetkova N., Taneva S., Sapunov K., Chaneva G. 2020. Special issue in honour of Prof. Reto J. Strasser - JIP-test as a tool for early diagnostics of plant growth and flowering upon selected light recipe. *Photosynthetica* 58(SI): 214–223. <https://doi.org/10.32615/ps.2019.174>. ISSN:0300-3604.
2. Ivanova K., Geneva M., Anev S., Georgieva T., Tzvetkova N., Stancheva I., Markovska Y. 2019. Effect of soil salinity on morphology and gas exchange of two Paulownia hybrids. *Agroforestry Systems* 93(3): 929–935. <https://doi.org/10.1007/s10457-018-0186-x>. ISSN:1572-9680.
3. Anev M.S., Tzvetkova N.P. 2018. Drought Stress in Four Subalpine Species: Gas Exchange Response and Survivorship. *Russian Journal of Ecology* 49(5): 422–427. <https://doi.org/10.1134/S1067413618050016>. ISSN:1067-4136.
4. Маринова А., Анев С., Цветкова Н., Чанева Г., Димитрова-Матева П., Зинова С., Ангелов С., Чавгов В. 2018. Екофизиологичен модел за оценка на естественото възобновяване в насаждения от обикновен бук (*Fagus sylvatica* L.) с различна възобновителна история. Управление и устойчиво развитие 73(6): 110-113. ISSN: 1311-4506.
5. Avramov Z., Barisova P., Ivanova B., Anev S., Rizakov M., Yordanova M., Shaban N. 2018. Effect of abiotic stress factors on the presence of pathogens in lettuce (*Lactuca sativa* L.) var. romana and var. capitata planted in polyethylene mulch. *Journal of Mountain Agriculture on the Balkans* 21(3): 299–311. ISSN:2367-8364.
6. Anev S., Tzvetkova N. 2018. Gas-exchange response of Norway maple (*Acer platanoides* L.) and silver lime (*Tilia tomentosa* Moench) saplings to forest thinning. *Foresry Ideas* 24(2): 201–207. ISSN:2603-2996.
7. Shahanova M., Anev S., Tzvetkova N. 2018. Gas exchange parameters for ornamental species of the genus *Peperomia* Ruitz et Pav., grown in a vertical garden under different nutrient conditions. 2nd International Conference on Sustainability, Human Geography and Environment, Sopot, Poland, pp:108-113. ISBN:978-83-952699-0-5.
8. Anev S., Damyanova S., Kotova V., Stoeva A., Tzvetkova N., Gyuleva V., Stankova T. 2018. Total chlorophyll content and normalized difference vegetation index of two *Populus x euroamericana* clones ('Agathe' and 'Guardi'). "90 years Forest Research Institute – for the society and nature", Sofia, pp:191-196. ISBN:978-619-7379-28-0.
9. Dimitrova V., Ivanova K., Petrov P., Anev S., Tzvetkova N., Georgieva T., Markovska Y. 2017. Influence of salt stress on leaf morphology and photosynthetic gas exchange in two *Lycium* species. *Comptes rendus de l'Académie bulgare des sciences: sciences mathématiques et naturelles* 70(3): 367–374. ISSN:1310-1331.
10. Anev S., Ivanova A., Tzvetkova N., Panayotov M., Yurukov S. 2016. Stomatal control on photosynthesis in drought-treated subalpine pine saplings. *Genetics and Plant Physiology* 6(1-2): 43–53. ISSN:1314-6394.
11. 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): 35–41.
12. Anev S., Dimitrova-Mateva P., Lamlo S., Chaneva G., Tzvetkova N. 2016. Non-destructive allometric method for estimation of leaf area in common beech (*Fagus sylvatica* L.). *Foresry Ideas* 22(2): 198–205. ISSN:1314-3905.
13. Lamlo S., Georgieva S., Dimitrova-Mateva P., Anev S., Tzvetkova N., Chaneva G. 2016. Changes of the antioxidant stress markers in the beech leaves after *Orchestes fagi* infestation. *Genetics and Plant Physiology* 6(3-4): 167-175. ISSN: 1314-5770.
14. Anev S. 2016. Comparative study on physiological potential of *Pinus sylvestris* L. and *Pinus bungeana* Zucc. ex Endl. to grow in Bulgarian urban parks. *Foresry Ideas* 22(2): 188–197. ISSN:1314-3905.
15. Anev S. 2016. Gas-exchange dynamics within the crown of Norway spruce. *Forestry Ideas* 22(1): 43–48. ISSN: 1314-3905.

2011 - 2015

1. 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. ISSN:1314-6246.
2. 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): 53-59. ISSN:1311-8706.
3. 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* x *fortunei*. *Comptes rendus de l'Académie bulgare des Sciences* 68(2): 217–224. ISSN:1310-1331.
4. Kalaidzhiev 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. ISSN:1311-8706.

5. Димитрова-Матева П., Георгиева С., Анев С., Цветкова Н., Чанева Г. 2015. Относно необходимостта от икономическо оценяване на здравословното състояние на буковите гори, засегнати от листоминиращи насекоми. Агробизнесът и селските райони – настояще и бъдещо развитие, Варна, България, pp:407–414.
6. Ivanova A., Anev S. 2014. Response of subalpine saplings to different drought stress. *Ecologia Balkanica* 6(1): 19–23. ISSN:1314-0213.
7. Дамянова С., Тончев Т., Анев С., Димитрова В. 2014. Основни хранителни елементи в дървесината на млади букови индивиди. *Управление и устойчиво развитие* 46(3): 40–45. ISSN:1311-4506.
8. Tzvetkova N., Anev S. 2014. Phenological observations of young common beech stands from a representative site in Bulgaria. In Efe R. Ozturk M. (Eds.), *Environment and Ecology in the Mediterranean Region II* (pp. 373–382). Cambridge Scholars Publishing. ISBN:978-1-4438-5538-9.
9. Дамянова С., Анев С., Тончев Т. 2013. Отлагания на базични йони в букови насаждения на различна надморска височина. *Устойчиво развитие* 10: 134–138. ISSN:1314-4138.
10. 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.
11. Anev S., Tzvetkova N., Pencheva A., Kabatliyska Z. 2013. Gas-exchange responses of *Schefflera arboricola* (Hayata) Merr. and *Anthurium andreanum* Linden. infested by *Coccus hesperidum* L. (Homoptera: Coccidae). *Acta Entomologica Bulgarica* 15(1-2): 31–40.
12. 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. Сборник научни трудове - XX международна научна конференция за млади учени - Юндола, pp:119–122. ISBN: 954-323-057-9.
13. Tzvetkova N., Parvanova 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 Efe R., Ozturk M., Ghazanfar S. (Eds.), *Environment and Ecology in the Mediterranean Region* (pp. 135–145). Cambridge Scholars Publishing. ISBN:9781443838030.
14. Анев С. (2011). Влияние на факторите на средата върху нетната първична продуктивност на горски насаждения. XXI Международна научна конференция за млади учени, Юндола, pp:90–95. ISBN:ISBN 954-323-057-9.
15. Анев С. (2011). Еко-физиологичен модел за определяне на нетната първична продуктивност в горски насаждения. Сборник научни трудове - XX международна научна конференция за млади учени - Юндола, pp:84–89. ISBN:ISBN 954-323-057-9.

Before 2010

1. Tzvetkova N., Parvanova 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.
2. Anev S., Hadjiivanova C., Tzvetkova N. 2009. Ozone response of young beech trees (*Fagus sylvatica* L.) in the Western Balkan forests (Bulgaria). *Ecologica* 54(16): 51–54. ISSN:ISSN: 0354-3285.
3. 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. ISSN:ISSN: 1312-8183.
4. 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.
5. Tzvetkova N., Anev S. 2008. Water Regime of Common Beech (*Fagus sylvatica* L.) in Drained Terrains. Tirth International Conference BALWOIS 2008 on Water, Climate and Environment, Ohrid, FYROM, pp:1–6. ISBN:9786084510000.
6. 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.

PROJECTS

Project manager

1. Physiological and biochemical changes in European beech in response to prolonged hot and dry periods (НИС-Б-1468). 2025 – ongoing
2. Assessment of damage and recovery in forests affected by ice storm at the Petrohan Educational and Experimental Forestry Station using remote sensing methods (НИС-Б-1292). 2023 – 2025
3. Physiological assessment of natural regeneration in European beech (*Fagus sylvatica* L.) forests using remote sensing methods (НИС-Б-1144). 2021 – 2022
4. Adaptive changes in European beech (*Fagus sylvatica* L.) forests following logging or natural disturbance (НИС-Б-1010/2019). 2019 – 2020

Expert physiologist

1. Metagenomic, botanical, and soil studies of burnt meadows and pastures as a basis for their restoration. 2025 – ongoing
2. Environmental and agrotechnological aspects of agricultural production and beekeeping in an urban environment. 2024 – 2025
3. Bulgarian Network for Long-Term Ecosystem Research (LTER-BG). 2021 – ongoing
4. Technologies for growing vegetables and herbs in urban environments (НИС-Б-1217). 2022 – 2023
5. Bioproductivity of fast-growing broadleaved tree species (ДН 06/3 (912 - ЛТУ)/2016). 2016 – 2019
6. Response to abiotic stress factors in different lettuce (*Lactuca sativa* L.) var. *romana* and var. *capitata* in the Sofia Plain (17-2016/2017). 2017 – 2018
7. Physiological aspects of natural regeneration in beech forests (159-2017/2018). 2017 – 2018
8. Succession processes following windthrow in a beech forest within the „Petrohan“ Training and Experimental Forestry (11-2016/2017). 2016 – 2017
9. Impact of atmospheric deposition on the bioproductivity of spruce stands (60/2015). 2014 – 2015