

Assoc. Prof. Dr. Alexander Delkov

Researcher

Organisational unit

Forest genetics, physiology and plantations

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- Researcher ID:
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- Researcher in the Forest Research Institute - BAS
- Member of the Scientific Council of Forest Research Institute
- Executive Editor of *Silva Balcanica* scientific journal

Research Interests

Dendrology, introduction of tree species, biological diversity, invasive tree species in urban areas, urban green spaces, landscape architecture, green infrastructure in urban and peri-urban areas.

Projects

2001 – 2002 Co-operation and networking of NGOs between Greece and Black Sea countries in the field of promoting public awareness on environmental issues. Head of the Bulgarian team: Alexander Delkov

2007 – 2009 Development of a genetic resources network of *Quercus petraea* Liebl., *Quercus robur* L. and *Quercus pubescens* Willd. in South-Eastern Europe. Mutual project of FRI-BAS and the Botanical Garden and Institute of the Academy of Sciences of Moldova. Head of the Bulgarian team: Dr. Konstantin Genov

Publications

Gateva, R., **A. Delkov**. 2001. Ecological characteristics and perspectives for development of park vegetation in balneological centres in South-West Bulgaria. – In: Proceedings of the Third Balkan Scientific Conference "Investigation, conservation and utilisation of forest resources", 2-6 October, Sofia, vol. III, 422-430. (in Bulgarian)

Alexandrov, A., **A. Delkov**, H. Tsakov. 2001. Forest genetic resources of South-Eastern Europe and their conservation. *Biotechnology&Biotechnological Equipment*, 15 (2), 49-53.

Delkov, A., R. Gateva. 2004. Dendrological structure of the green areas in Sofia. Ecology of the city of Sofia. Species and communities in urban environment, pp. 213-228. L. Penev, J. Niemelä, D.J. Kotze & N. Chipev (Eds.), PENSOFT Publishers, Sofia – Moscow.

Delkov, A. 2005. Results from the introduction of tree species in park territories in the city of Sofia. PhD thesis (in Bulgarian)

Alexandrov, A., **A. Delkov**. 2006. Dendrological diversity in the Western Rhodopes (Bulgaria). – In: Beron P. (ed) Biodiversity of Bulgaria. 3. Biodiversity of Western Rhodopes (Bulgaria and Greece) I. Pensoft & Nat. Mus. Natur. Hist., Sofia, 195-203.

Delkov, A. 2006. Possibilities for diversifying and improving landscape on Lyulin mountain eastern slopes through enriching dendrocomposition. *Journal of Balkan Ecology*, vol. 9, No2, 155-159. ISSN 1311-0527

Stoyanova, N., G.P. Georgiev, D. Dimitrov, **A. Delkov.** 2011. Biosphere reserves in Bulgaria and their forest genetic resources. *Silva Balcanica*, 12(1), 13-24. ISSN 1311-8706

Schmidt, P., E. Tsavkov, P. Zhelev, **A. Delkov**, M. Liesebach. 2014. Exkursionsführer zur Studienreise der Deutschen Dendrologischen Gesellschaft (DDG) nach Bulgarien (09-17 August 2014). DDG-Geschäftsstelle, Ahrensburg.

Delkov, A. 2015. Klimawandel schon heute: Erfahrungen mit Stadtbäumen in Sofia. – In: 33. Osnabrücker Baumpflegetage. Tagung, Fachmesse, Workshops. Osnabrück, 1. und 2. September, 11-21. Patzer Verlag, Berlin – Hannover. ISBN 978-3-87617-136-4

Glogov, P., **A. Delkov.** 2016. Results from investigation of vascular flora on the territory of Lozen Mountain. – *Nauka za gorata (Forest Science)*, 1-2, 5-46. ISSN 0861-007X (in Bulgarian)