

БЪЛГАРСКА АКАДЕМИЯ на НАУКИТЕ
ИНСТИТУТ за ГОРАРА
Регистрационен номер и дата
05-03-1199/30.09.19
Срок за изпълнение

OPINION

on the materials submitted for participation in the competition for the occupation of the academic position "Associate Professor" in the professional field of Forestry, scientific discipline Forest management and forest inventory, announced by the Forest Research Institute - BAS in SG No. 44 / 04.06.2019

Candidate for the competition: Ch. Assistant Professor Dr. Angel Atanasov Ferrezliev

Prepared the opinion: Associate Prof. Dr. Ivailo Ivanov Markoff

1. Brief biographical information.

Chief Assistant Dr. Eng. Angel Atanasov Ferezliev, born on January 29, 1969 in Dorkovo, has graduated from the Forestry Technical College in Velingrad, the Higher Forestry Institute in Sofia with a degree in Forestry Engineering and the University of Food Technology in Plovdiv with degree in Pedagogy.

He has worked in forestry as a forestry technician and assistant forester, in the field of education as a teacher and assistant director at the Professional Forestry College in Velingrad and since 2006 he has been a ch. assist. prof. at the Forest Research Institute and head of a branch of the Institute in Velingrad.

He has defended his dissertation on "Growth Features of the Green Douglas Fir *Pseudotsuga Menziesii* ((Mirb.) Franco) in the Northwestern Rhodopes" at the Forest Research Institute at BAS.

2. Compliance of the applicant's submitted documents and materials with the minimum requirements according to the Regulations for Acquisition of Academic Degrees and Occupation of Academic Positions at Forest Research Institute - BAS.

The documents submitted by the applicant meet the requirements of the Regulations for Acquisition of Academic Degrees and Occupation of Academic Positions at the Forest Research Institute - BAS for the acquisition of the academic position "Associate Professor". The candidate has scored 972 points as against the required 500.

3. General description of the materials presented.

The candidate has submitted for this competition 17 papers in refereed editions, 11 in non-refereed editions, which are mostly conference proceedings, and 1 chapter in a collective monograph.

The publications have been made mainly in Forest Science (9), Ecologia balcanica (3), Silva balcanica (2), Annals of forest science (1), Folia ecologica (1) and iForest (1).

4. Basic directions in the applicant's research work and the most important scientific and applied scientific contributions.

The main focus of the applicant's research work is growth and productivity of green Douglas fir (11 of the papers presented), as well as Scots pine and black pine, *P. peuce* and beech, as well as some common problems of biomass and carbon sequestration.

Briefly formulated, his main contribution is to elucidate the biometric parameters and the growth course of Douglas fir in Bulgarian conditions, which are in general quite different from the conditions in the species' homeland or Western Europe, where Douglas fir is widely used for afforestation.

He has also other studies with Character of contribution - studies on horizontal tree structure, thickness distribution, biomass resources and coppicing with standards.

6. Impact of the candidate's scientific publications in literature.

The applicant has provided evidence for 13 citations of his publications in refereed journals and 17 citations in monographs and collective papers.

Of these citations, 6 are made by foreigners, of which 2 refer to the applicant's single-authored papers..

7. Participation in scientific projects.

The applicant has completed an independent task of the Executive Forest Agency for the creation of a table of Douglas form factors in 2009-2010, of which he is the head, and is a participant in 6 other projects (3 lead by Prof. Nikola Stoyanov, 2 lead by Prof. Hristo Tsakov and

1 lead by Assoc. Prof. Miglena Zhiyanski), excluding budget subsidy projects.

8. Teaching activities (PhD student leader / consultant, student training, etc.)

The applicant has a teaching qualification and has pedagogical experience acquired during his work at the Professional Forestry College in Velingrad.

9. Assessment of the applicant's personal contribution.

The candidate is the first co-author in 16 of the submitted works, in 2 of which he is the single author. His single-authored works, and most of those in which he is the first author, are on his main subject - the growth and productivity of the Green Douglas Fir, on which his co-authors do not actively publish.

10. Critical notes and recommendations.

I will refrain from such.

11. Personal impressions.

I know Angel Ferrezliev mainly from reviewing his works for the Forestry Science. I have not participated in joint projects with him and, because of his Velingrad residence, I do not meet him often, but I know and respect most of his co-authors well. My overall impression is favorable.

12. Conclusion.

In conclusion, I propose that **Angel Atanasov Ferrezliev be elected associate professor** in the professional field of Forestry, scientific discipline **Forest management and forest inventory**.

Sofia, September 28, 2019

Member of Scientific Jury:

Ivailo Ivanov Markoff