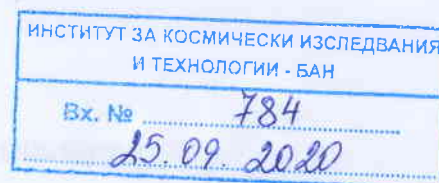


**Position Statement**  
of  
**Prof. Dr. Roumen Nedkov**



at Space Research and Technology Institute – BAS, member of the Scientific Jury, in accordance with Order No. 87 / 10.07.2020 of the Director of SRTI-BAS, for a competition for the occupation of academic positions "Associate Professor", announced in State newspaper No. 56 of 23.06.2020 from the Space Research and Technology Institute - BAS in the field of higher education 4. Natural sciences, mathematics and informatics, professional field 4.4. Earth Sciences; Scientific specialty "Remote Sensing of the Earth and Planets" for the needs of the Department " Remote sensing systems ".

**1. General criteria for participation in the competition.**

For participation in the competition there are documents submitted by Assistant Professor PhD Hristo Nikolov from the section "Remote Sensing Systems" at IKIT-BAS - the only candidate. The documents submitted by him are in compliance with the requirements for holding the academic position of "Associate Professor" and are in accordance with the ACT FOR THE DEVELOPMENT OF THE ACADEMIC STAFF IN THE REPUBLIC OF BULGARIA (ADASRB) The Regulations for holding academic positions in the Bulgarian Academy of Sciences and the Regulations for application of ADASRB the Institute of Space Research and Technology - BAS.

The applicant meets the Minimum National Requirements under Art. 2b, para. 2 and 3, respectively to the requirements under Art. 2b, para. 5 of ADASRB and according to the Regulations of BAS for the conditions and the order of acquiring scientific degrees and for holding academic positions in scientific field 4 - Natural sciences, mathematics and informatics, professional field 4.4. Earth Sciences.

The documents submitted by the candidate are a diploma and a dissertation for the acquisition of educational and scientific degree "PhD" (group of indicators A), 34 scientific publications divided as follows – 10 pcs. in group B and 24 in group G. In group D are presented 12 pcs. publications cited 22 times.

The number of points of the candidate exceeds those required by the Law and its Regulations. (TABLE 1)

TABLE 1

Group of indicators (according to the Bulgarian classification scheme )	Required scores for academic position "Associate Professor" according to the ADASRB	Required scores for academic position "Associate Professor" according to the Regulations of the ADASRB into SRTI and BAS	Scores of the candidate for academic position "Associate Professor " Chief Assist. Nikolov
A	50	50	50
B	100	100	254
Г	200	220	230.6
Д	100	60	64

## 2. Evaluation of the scientific and scientific-applied contributions

The scientific and scientific-applied contributions of Hristo Nikolov, PhD can be summarized in the following three areas:

Development and implementation of innovative mathematical methods for thematic processing of multichannel spectral data from various instruments for Remote Sensing.

Construction of field instruments for conducting in-situ and laboratory synchronous and quasi-synchronous remote sensing experiments for obtaining data from Earth observations.

Use of multichannel spectral data from remote sensing in assessing the impact of risk processes on the environment caused by natural and man-made activities.

The scientific and scientific-applied contributions of Hristo Nikolov, PhD fully correspond to the results presented in his scientific publications presented at the competition.

**I accept and evaluate positively the scientific and scientific-applied contributions of the candidate.**

## 3. Conclusion

In general, based on the results presented in the scientific works of Hristo Nikolov, PhD on the competition, I believe that he fully meets the requirements for the academic position of "Associate Professor"

On the basis of what has been stated so far, Ch. Assistant Professor Hristo Nikolov, PhD to be elected " Associate Professor " field of higher education 4. Natural sciences, mathematics and informatics, professional field 4.4. Earth Sciences; scientific specialty "Remote sensing of the Earth and the planets"

Member of the Scientific Jury: 

Prof. Dr. Roumen Nedkov

ВЯРНО С ОРИГИНАЛА

