

## REVIEW

By Associate Professor Dr. Eng. Plamen Mihaylov Mihaylov

Of the presented participation materials in a competition for the place of associate professor in professional field 5.7 Architecture, construction and geodesy (General, higher and applied geodesy).

In the competition for Associate professor at the Geodesy department, Technical sciences faculty, which was announced in the State gazette, volume 79/08.10/2019, and on the website of the Shumen University, the only candidate who applied was Dr. Eng. Evgeni Grishev Stoykov.

### 1. Short biographical data.

Dr. Stoykov finished his higher education in 2011 in Shumen University “Bishop Konstantin of Preslav”, majoring in Geodesy. He has a Master’s degree in Geodesy from the Master’s programme “Geomatics”. Before and after graduating, he has worked as a geodesist in various places: construction technician, head expert in the municipal administration of Shumen. Since 2012, he has been an assistant and chief assistant in the Geodesy department in the Shumen University. In 2015, he defended a thesis on the topic of “Exploration of the possibility of using a double-frequency GPS receiver in RTK mode for creation of GWB, shooting and tracing of objects” and received the educational and science degree of Doctor.

### 2. General description of the presented materials.

The candidate, Dr. Eng. Evgeni Stoykov, participated in the competition with:

- Monographs – 1;
- Publications – 13 – 1 article and 12 reports.

Apart from the above, Dr. Eng. Evgeni Stoykov has 15 more publications that are not included.

Completely fulfills the minimum of the national requirements under article 26, paragraph 2 and 3 and the requirements under article 24 of the Academic Composition Development Act.

All the works of the candidate representing his scientific research and applied research activity are in the field of the competition and correspond to the minimum of the national requirements as follows:

A – Indicator 1	50 points
B – Indicator 3	100 points
C – Sum of indicators 5-11	200, 6 points (9 independent publications, 20 points each) +4
D – Sum of indicators 12-15	51 points (17 quotes, 3 points each)
Total:	401, 6 points

### 3. Reflection of the scientific publications of the candidate in literature (known quotes).

A reference with 17 quotes by other authors has been presented.

### 4. General characteristics of the activity of the candidate.

Chief assistant Dr. Eng. Evgeni Stoykov participates actively in the life of the department. I want to emphasize his active participation in the accreditation procedures of the department and in the educational projects in national and international programs.

#### **4.1. Teaching work (work with students)**

The candidate has been working with students in the university since 2012. He has extensive teaching experience. He gives lectures and holds practice classes on main subjects in the Geodesy department – “Digital processing of images”, “Geodetic networks”, “Sea geodesy”, “Application of GNSS in geodesy”.

#### **4.2. Research and applied research activity**

Dr. Eng. Evgeni Stoykov has participated in 13 research projects under the national fund for scientific research and the scientific research fund of the Shumen University. He is a reviewer of materials for projects, reports, etc. Possesses well-developed applied research activity.

#### **4.3. Implementation activity.**

First place in the candidate’s research activity is for the presented monograph “Technical tools and systems used for performing hydrographic measurements”. It contains 177 pages and represents an in depth theoretical analysis of the original views of chief assistant Dr. Evgeni Stoykov regarding the problems and tasks of contemporary hydrographic measurements. The monograph has originality, which in combination with its scope and depth make it a scientific product with high importance for the scientific, educational and practical fields.

Second place in the candidate’s research activity is for articles and scientific reports, which are united thematically and present the results of his research in the field of higher and applied geodesy. In this direction of scientific interests and pursuits are formulated three important applied research and one applied contributions as well as original practical solutions.

#### **5. Evaluation of the personal contributions of the candidate.**

As a scientific supervisor of the candidate chief assistant Dr. Eng. Evgeni Stoykov I want to emphasize his industriousness, which he always demonstrates, and I am confident that the presented materials and contributions are his own work.

#### **6. Critical notes.**

I do not have any critical notes for the presented materials. Perhaps just a recommendation – to make an effort to publish in specialized international scientific magazines, indexed in global scientific data bases, like SCOPUS for example.

#### **7. Personal impressions.**

I know the candidate Dr. Evgeni Stoykov as an excellent scientist in the geodetic field. He makes a great impression with his dedication and efficiency. Incredibly precise in his work with colleagues and students which is a guarantee for his authority in the academic community. A well-known professor here.

#### **8. Conclusion:**

**Keeping in mind all the above, I suggest Dr. Eng. Evgeni Stoykov to be appointed as an associate professor in professional field 5.7 Architecture, construction and geodesy (General, higher and applied geodesy).**

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Shumen

Member of the scientific jury: .....  
Associate professor Dr. Eng. Mihaylov  
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