

DARINA NITOVA

WORK EXPERIENCE

- Dates **18.02.2002 - PRESENT**
- Name and address of employer UACEG, Department of Railways
 - Type of employment Teaching assistant, chief taching assistant, assistant professor, PhD
 - Position
 - Main responsibilities
- Dates **14.08.1995 - 18.02.2002**
- Name and address of employer Higher School of Transport Todor Kableshkov, Department of Transport Construction
 - Type of employment Teaching assistant, chief teaching assistant
 - Position
 - Main responsibilities
- Dates **26.09.1994 - 14.08.1995**
- Name and address of employer Second railway section - Sofia, National Railway Infrastructure Company
 - Type of employment Technologist, head of production group
 - Position
 - Main responsibilities

EDUCATION

- Dates **2002 - 2006**
- Name of institution UACEG, Department "Railways"
 - Main subjects Dissertation topic: "Complex optimization of track developments at stations for high traffic speeds"
- Type of qualification Research supervisor: Prof. Dr. Eng. Y. Tasev
- Level of qualification Doctoral student in scientific specialty 02.15.11 "Design, construction and maintenance of the railway and facilities"
- Dates **2001 - 2002**
- Name of institution HTS, Department of "Transport Construction"
 - Main subjects Dissertation topic: "Complex optimization of track developments at stations for high traffic speeds"
- Type of qualification Research supervisor: Prof. Dr. Eng. Y. Tasev
- Level of qualification Doctoral student in scientific specialty 02.15.11 "Design, construction and maintenance of railways and facilities"
PhD
- Dates **1989 - 1994**
- Name of institution UACEG
 - Main subjects

- Type of qualification Construction engineer in transport - railway construction profile
 - Level of qualification Master's degree
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- Dates **1985 – 1989**
 - Name of institution Construction technical school "Hristo Botev" Sofia
 - Main subjects Construction and Architecture Technician
 - Type of qualification Secondary special education
 - Level of qualification

PERSONAL SKILLS

MOTHER TONGUE **Bulgarian**

OTHER LANGUAGES

- RUSSIAN**
- Reading EXCELLENT
 - Writing EXCELLENT
 - Speaking EXCELLENT

- ENGLISH**
- Reading EXCELLENT
 - Writing EXCELLENT
 - Speaking GOOD

- GERMAN**
- Reading GOOD
 - Writing GOOD
 - Speaking BASIC

ORGANISATIONAL SKILLS

1999-2001 Technical Secretary of the Faculty Council of VVTU "T. Kableshkov"
 Scientific secretary of the "Transport construction" section at the scientific conference of HTS T. Kableshkov in the year 2000.
 Participation in a working group on the preparation of a scientific conference UASG 2003.

Since 1995 Member of the National Society of Railway Engineers
Since 1995 Member of the Association of European Unions of Railway Engineers UEEIV.
Since 2012 Member of the Chamber of Engineers in investment design
Since 2003 Member of the NTS for transport.
Since 2007 Member of the Faculty Council of the FTS of the UACEG
2009-2010 Coordinator of the UACEG under the PRO-START project under the Operational Program "Human Resources Development 2007-2013." for conducting student practices in a real working environment
2013-2015 Functional expert for FTS on the project "Student internships" under the Operational program "Development of human resources"

ADDITIONAL INFORMATION

2016-2020. Deputy Dean of the Faculty of Transport Construction of the Ukrainian Academy of Sciences for scientific and international activities

2017 Member of the Scientific Committee of the International Jubilee Scientific Conference "75 Years of UACEG"

Since 2019 Representative for Bulgaria in the program committee "Intelligent, environmentally friendly and integrated transport" of the Horizon 2020 Research and Innovation Program

Since 2020 Chairwoman of the "Transport Construction and Transport Facilities" Section Chamber of Engineers in Investment Design

Since 2021 Member of the expert council on the organization of the territory of Sofia Municipality and its specialized bodies

Pedagogical practice:

Lectures and exercises in the discipline "Stations, station facilities and railway operation".

Exercises in the discipline "Superstructure" for the specialty "Railway Construction", Exercises and lectures on the discipline "Railway construction",

Lecture course "Development and management of transport infrastructure" for the master's degree "Management of European infrastructure projects".

At HTS T. Kableshkov - lectures on the discipline "Railway construction", exercises on the discipline "Maintenance of the railway", field exercises on geodesy, lectures on the discipline "Superior construction".

I have been the supervisor of 13 graduates.

Scientific and applied activity:

My scientific research is mainly focused on the problems related to the construction and reconstruction of railway stations and intermodal terminals. I also work on the problems of building high-speed lines, railways, tunnel construction, safety and ecology of railway transport, etc.

I collaborate with the magazine "Railway Transport", in which I have more than 20 publications.

I regularly attend the scientific conferences organized by UACEG, TU-Sofia, TU-Varna, HTS T. Kableshkov and HBS L. Karavelov, where I gave 27 scientific reports, which were printed in collections.

International cooperation:

I have attended scientific conferences on railway transport in Strasbourg, Amsterdam, San Sebastian, Geneva.

2005 Participation with a poster in the 20th International Scientific Conference on Transport of TU Dresden

I am a member of the Association of European Unions of Railway Engineers UEEIV.

I have given lectures as a guest lecturer at the University of Bielsko-Biala Poland.

Exchange under the Erasmus program at the Polytechnic University of Lisbon, Portugal 2019.

Deputy Dean of the Faculty of Transport Construction of the Ukrainian Academy of Sciences for scientific and international activities 2016-2020.

PRACTICAL PROJECTS

Implementation activity:

1994

Maintenance and repair of the railway in the interstation Kostenets - Sestrimo, Sestrimo - Belovo, team led by Assoc. Kostadinov;

- 1997 – 1999 Project for the construction and repair of the railway in the Poduyane - Iskar interstation, a team headed by Prof. Kostadinov
- 2009-2011 Conceptual project in three options for a high-speed railway line for 160 km/h Radomir - Gueševo as part of a technical assistance project for the modernization of the line - in the collective of Mott Macdonald Ltd Great Britain