

## CURRICULUM VITAE`

### Name

Nadezhda Damyanova Kostadinova

### Date of birth:

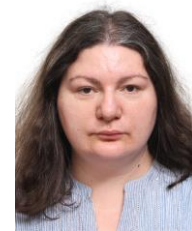
28.10.1976

Place of birth:

Jambol,  
Bulgaria

Nationality:

Bulgarian



### **Business Address**

University of Mining and Geology "St. Ivan Rilski", Sofia, Bulgaria, 1700  
Sofia, Studentski complex, Prof. Boyan Kamenov Str., MTF building, office  
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### **Phone**

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### **E-mail**

[nadezhda.kostadinova@mgu.bg](mailto:nadezhda.kostadinova@mgu.bg)

### **Work experience**

**Dates** 2016 →present

### **Occupation or position held**

Chief Assistant Professor at University of Mining and Geology "St. Ivan Rilski", Sofia, Bulgaria

### **Main activities and responsibilities**

Teaching and research activities.  
Main fields: Fluid dynamics, Mine and industrial ventilation, Computer modelling of emergency events in ventilation networks

### **Education and Training**

#### **PhD Study Dates**

University of Mining and Geology  
2018 – 2021.

#### **PhD Thesis**

PhD Thesis "Computer modelling of emergency events in ventilation networks":  
Sc. Degree: Doctor (PhD)

#### **University degree**

**Dates** 1995 – 2001

#### **Master degree**

Mechanical Engineering in German

#### **University**

*Technical University, Sofia, Faculty of German Engineering and Industrial Management education, joined Program with University Karlsruhe, Germany*

#### **Languages**

**German C1 fluent**

**English C1 fluent**

## Publications

1. Dinchev Z, N. Kostadinova, El. Vlasseva, "ADJUSTMENT OF MINING VENTILATION SOFTWARE FOR CIVIL OBJECTS", 60th International Science Conference at UMG 20 October 2017; JOURNAL of Mining and Geological Scines, Vol. 60, Part II, p.33 – 38;Sofia 2017, ISSN 2535-1184
2. Zahari Dinchev, Yasen Gorbunov, N. Kostadinova, "VELOCITY FILED VISUALIZATION, MEASURED WITH 3D ULTRASONIC ANEMOMETER" (Визуализация на векторно поле, измерено с 3D ултразвуков анемометър, 61th International Science Conference at UMG,October 2018. Vol. 61-2018 JOURNAL of MINING AND GEOLOGICAL SCIENCE, part II Mining, Technology and Mineral Processing, Sofia 2018 ISSN 2535-1184
3. Dinchev Z, , El. Vlasseva, N. Kostadinova, „NEW OPPORTUNITIES FOR COMPUTER MODELLING OF PROCESSES IN VENTILATION SYSTEMS”, Proceeding of VI National Science Conference „Technologies and Praxis in underground mining and mine building“, 1-4 October 2018, Devin Bulgaria, ISSN: 1314-7056 in Bulgarian
4. N. Kostadinova, "JET FANS EFFICIENCY IN TUNNEL EMERGENCY SITUATIONS"; Sustainable Extraction and Processing of Raw Materials (<https://seprm.com>) Volume 1 October Issue 2020, p.47-52, ISSN 2738-7100 (print), ISSN 2738-7151(online); DOI:10.5281/zenodo.4270086
5. Kostadinova N., Vladkova B, "THE ROLE OF FLEXIBLE WORKING TIME AS A FACTOR FOR WORK CONDITIONS", Annual of University of Mining and Geology "St. Ivan Rilski" – Sofia, Vol. 65-2022 pp 159-165, ISSN 2738-8808 (print), ISSN 2738-8816 (online), October 2022
6. Kostadinova N., Makedonska D., Vladkova B., "Application of Fixed Fire Fighting Systems in Road Tunnels in Bulgaria"; Proceedings of the 5th International Underground Excavation Symposium, 5-7 June 2023, Istanbul, Turkey. pp. 477-488. ISBN: 978-605-01-1568-0
7. Kostadinova N., Vladkova B., "STUDY OF EMPLOYMENT TYPE AND DURATION IN VARIOUS INDUSTRIES IN BULGARIA FOR THE PERIOD 2019–2022" ANNUAL of the University of Mining and Geology "St. Ivan Rilski" - Sofia, 2023, vol. 66, pp. 299-305. ISSN 2738-8808; ISSN 2738-8816. <https://doi.org/10.5281/zenodo>

## Projects

**March 2002 – January 2003 and  
Continue October 2005-september 2006**



**TWINNING-PROJECT BG2000/IB-EN/01c at Ministry of  
Environment and Water, Bulgaria**

**EU / Phare -Twinning/Institution Building**

**Expert/Translations and Technical Collaboration**

**Research Projects at the Department of Mine ventilation and Technical safety:**

Year	Project	Position
2019	Modelling of Emergency Events in Ventilation and Transportation Networks	Research team member; PhD Student
2023	Comparison analyses of applied methods of Radon exposure in various underground objects	Research team member
ongoing 2024	Testing of Different Types Nozzles for FFFS for Application in Road Tunnels and Underground Mine sites	Research team member

## Exchange Programs

### Dates

04.2018 – 07. 2018 г.

### Student Mobility ERASMUS+

PhD Student Mobility



**TU Bergakademie Freiberg, Germany: Scientific Exchange**

### Dates

06.11.2022 – 12.11. 2022 г.

### Staff Mobility ERASMUS+

Staff Mobility for Teaching



**Technical University of Madrid, E.T.S.I Mining and Energy Engineering  
Madrid, Spain – Lecture course Operational and Emergency Ventilation**

### Dates

13.06.2023 – 10.09. 2023 г.

◆ **Post graduate Mobility for Training**

**Technological University Dublin, Ireland INNOTECH Pro Project**

