



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **SLABAKOVA Nataliya Hristova**  
Address(es) 48, Maria Luiza Str., ap.39, 9000, Varna, Bulgaria  
Telephone(s) +359 52 370486 Mobile: +359 896722567  
Fax(es) +359 52 370483  
E-mail n.slabakova@abv.bg  
Nationality Bulgarian  
Date of birth 4.01.1971  
Gender Female

### Occupational field **Phytoplankton scientist**

#### Work experience

Dates From 1999 till now  
Occupation or position held Marine ecologist, assoc. researcher , PhD student, Researcher, ecologist  
Main activities and responsibilities Research on taxonomy, biodiversity, biology and ecology of marine phytoplankton and chlorophyll a distribution  
Name and address of employer Institute of Oceanology – BAS, 40 Parvi May Str., 9000 Varna, Bulgaria  
Type of business or sector Research Institute, Department of marine biology and ecology

#### Education and training

Dates 2019  
Title of qualification awarded Training for operation of CytoSense for quantitative and qualitative analyses of phytoplankton  
Principal subjects/occupational skills covered Training course  
Name and type of organisation providing education and training CytoBuoy b.v., Woerden, The Netherlands  
Harrie Kools and Thomas Rutten  
Dates 2012  
Title of qualification awarded "Lagoonal Phytoplankton: Its Taxonomy, Morphometrics and Pigment Finger Prints"  
Principal subjects/occupational skills covered Advanced training phytoplankton course  
Name and type of organisation providing education and training University of Salento and Nikon Instruments Srl, Lecce, Italy, Under MISIS project  
Dates 2009  
Title of qualification awarded Introduction to flow cytometry  
Principal subjects/occupational skills covered Theoretical course for beginners  
Name and type of organisation providing education and training National centre of infectious and parasitic diseases Sofia , Bulgaria  
Dates 2008  
Title of qualification awarded Biodiversity data management of marine organisms

Principal subjects/occupational skills covered	Work with access programme for biological data management
Name and type of organisation providing education and training	Flanders Marine Institute (VLIZ), Ostende, Belgium
Dates	2007
Title of qualification awarded	Methods on Plankton Production (Lab/Field Training)
Principal subjects/occupational skills covered	Chlorophyll a and primary production measurements by size fraction and phytoplankton cultures for experiments
Name and type of organisation providing education and training	Under SESAME project, Hellenic Centre of Marine Research , Anavyssos, Greece
Dates	2007
Title of qualification awarded	GIS - introduction to applications, based on ArcGIS Desktop
Principal subjects/occupational skills covered	Work with graphical software
Name and type of organisation providing education and training	Institute of Oceanology – BAS, Bulgaria
Dates	2006
Title of qualification awarded	Training course on management of marine and coastal invasive species
Principal subjects/occupational skills covered	Invasive alien species introductions in marine and coastal environments, ecological and economical impacts
Name and type of organisation providing education and training	Under Black Sea Commission's Permanent Secretariat, Caspian Environment Programme & Global Invasive Species Programme (GISP)
Dates	2005
Title of qualification awarded	Training on phytoplankton sampling, identification and counting techniques
Principal subjects/occupational skills covered	Science, applied to phytoplankton
Name and type of organisation providing education and training	under UNDP-GEF Black Sea Ecosystem Recovery Project IBSS, Odessa, Ukraine
Dates	2005
Title of qualification awarded	Phytoplankton size structure ( project Interreg III B CADSE Programmes )
Principal subjects/occupational skills covered	Science, applied to phytoplankton taxonomy
Name and type of organisation providing education and training	Department of Biological and Environmental Sciences and Technologies, University of Lecce, Italy
Dates	2006
Title of qualification awarded	PhD student
Principal subjects/occupational skills covered	Small-and meso scale spatial-temporal dynamics of phytoplankton pigments in the Black Sea (Bulgarian shelf) - in situ and satellite methods.
Name and type of organisation providing education and training	Institute of Oceanology – BAS
Dates	1999
Title of qualification awarded	Master Sci. degree Marine ecology, (Diploma)
Principal subjects/occupational skills covered	Marine ecology
Name and type of organisation providing education and training	Varna, Nikola Vaptsarov Naval Academy

### **Personal skills and competences**

Mother tongue(s) **Bulgarian**

Other language(s)

Self-assessment

European level (\*)

**English**

**Russian**

**English, Russian**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	C1	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Very good communication skills and working in team

Organisational skills and competences

Computer skills and competences

Very good command in MS Office (Word, Excel, Power Point)

Other skills and competences

Phytoplankton and chlorophyll a sampling and processing

Additional information

## Additional information

### Projects and contracts:

BIO-OPTICS FOR OCEAN COLOR REMOTE SENSING OF THE BLACK SEA, 4000123951/18/NL/SC Black Sea Color – 2019

Relate, Experience, Find Research Everywhere and Share, 818879 REFRESH

Operation, development and maintenance of a European Marine Observation and Data Network Ref.: EASME/EMFF/2016/006 – Lot No 5 - Biology

Phytoplankton cysts – an intricacy between a “memory” or a “potential” for Black sea biodiversity and algal blooms

International Cooperation Bilateral Projects Italia-Bulgaria CNR ISE – BAS “Picocyanobacteria in the deep Black Sea: mysteries of a meromictic sea”.

### National monitoring of the Bulgarian Black Sea coastal waters 2012-2019

**ISMEIMP** – Investigations on the State of the Marine Environment and Improving Monitoring Programs developed under MSFD 2015-2016

**DEVOTES** - Development of innovative tools for understanding marine biodiversity and assessing good environmental status 2012-2016, 7FP

**PERSEUS** - Policy-oriented marine Environmental Research in the Southern EUropean Seas 2012-2016, 7FP

**MISIS** - MSFD Guiding Improvements in the Black Sea Integrated Monitoring System, Operational programme

**WISER** - Water bodies in Europe: Integrative Systems to assess Ecological status and Recovery, 7FP

**SESAME** “Southern European Seas: Assessing and Modelling Ecosystem changes”, 2006-2010, 6FP Spatial Planning in Coastal Zones (**PlanCoast**), INTERREG III B CADSES Project, 2006-2008

### Selected publications:

Dzhembekova N, Rubino F, Nagai S, Zlateva I, **Slabakova N**, Ivanova P, Slabakova V, Moncheva S (2020) Comparative analysis of morphological and molecular approaches integrated into the study of the dinoflagellate biodiversity within the recently deposited Black Sea sediments – benefits and drawbacks. *Biodiversity Data Journal* 8: e55172. <https://doi.org/10.3897/BDJ.8.e55172> - Q2

Di Cesare, A., Dzhembekova, N., Cabello-Yeves, P.J., Eckert, E.M., Slabakova, V., **Slabakova, N.**, Peneva, E., Bertoni, R., Corno, G., Salcher, M.M. and Kamburska, L., 2020. Genomic Comparison and Spatial Distribution of Different *Synechococcus* Phylotypes in the Black Sea. *Frontiers in Microbiology*, 11, p.1979. – Q1

Callieri, C., Slabakova, V., Dzhembekova, N., **Slabakova, N.**, Peneva, E., Cabello-Yeves, P.J., Di Cesare, A., Eckert, E.M., Bertoni, R., Corno, G. and Salcher, M.M., 2019. The mesopelagic anoxic Black Sea as an unexpected habitat for *Synechococcus* challenges our understanding of global “deep red fluorescence”. *The ISME journal*, p.1. – Q1

Dzhembekova, N., Moncheva, S., Ivanova, P., **Slabakova, N.**, Nagai, S.. Biodiversity of phytoplankton cyst assemblages in surface sediments of the Black Sea based on metabarcoding.. *Biotechnology & Biotechnological Equipment*, 2018, DOI:<https://doi.org/10.1080/13102818.2018.1532816> - Q3

Shiganova T.A., Mikaelyan A.S., Moncheva S., Stefanova K., Chasovnikov V.K., Mosharov S.A., Mosharova I.N., **Slabakova N.**, Mavrodiya R., Stefanova E., Zasko D.N., Dzhurova B. 2019. Effect of invasive ctenophores *Mnemiopsis leidyi* and *Beroe ovata* on low trophic webs of the Black Sea ecosystem. *Marine Pollution Bulletin*, 141, 434-447. IF – 4.349

**Slabakova N.**, Doncheva V., Slabakova V., Moncheva S. 2012. Long-Term chlorophyll a distribution in the Bulgarian Black Sea shelf. *Proceedings of XI International Conference on Marine Sciences and Technologies, Varna, Bulgaria, 4-6 October 2012*, 132-140. ISSN 1314-0957

Moncheva, S., **Stefanova, K.**, Doncheva, V., Slabakova, N. Mavrodiya, R., 2012. Plankton features for assessment of western Black Sea ecosystem. *Proceedings of eleventh international conference on marine science and technologies. "Black Sea' 2012"*, October 4th-6th, Varna, Bulgaria, 74-81. ISSN 1314-0957

Eker-Develi E., Berthon J., Canuti E., **Slabakova N.**, Moncheva S., Shtereva G., Dzhurova B. 2012. Phytoplankton taxonomy based on CHEMTAX and microscopy in the northwestern Black Sea. *Journal of Marine Systems*, Volume 94, p. 18-32

F. Lugolia,\*, M. Garmendiad, S. Lehtinenb, P. Kauppilab, S. Monchevac, M. Revilla d, L. Q1 Roselli a, **N. Slabakovc**, V. Valenciad, K.M. Dromphe, A. Basseta, 2012 Application of a new multi-metric phytoplankton index to the assessment of ecological status in marine and transitional waters. *J.Ecological Indicators*

Moncheva S., Shtereva G., Stefanova K., **Slabakova N.**, Krastev A., Hristova O., Djurova B., Slabakova V., Mavrodiya R., 2010. On the Resent Feutures of Chemical and Biological Regimes in the western Black Sea Ecosystem. *Proceedings of tenth international conference of marine sciences and technologies “Black Sea’2010”*, pp. 288-296

Rubino F., Belmonte M., Moncheva S., Kamburska L., **Slabakova N.**, Resting Stages Produced by Plankton in the Black Sea - Biodiversity and Ecological Perspective. Second SESAME Scientific Conference, Villefranche, 10-12 November, 2009

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**Slabakova V., Slabakova N.** 2008. Estimation of surface chlorophyll concentration in the Western Black Sea region from satellite data. In: *Proceedings of the International Conference “Fundamental Space Research - Recent Development in Geoecology monitoring of the Black Sea Area and their prospects*, Sunny Beach, Bulgaria, 21-28 Sep 2008, pp.15-18

Moncheva S., V. Alexandrova, **N. Slabakova**, 2007. On the Application of Phytionlankton Body- Size

## Additional information

### Membership

Federation of Scientific Technical Unions, Oceanology Department , Varna