PERSONAL INFORMATION

Nina Stoycheva Dzhembekova

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sonata_bg@yahoo.com

Sex F | Date of birth 17/06/1980 | Nationality Bulgaria

WORK EXPERIENCE

2019 **Senior Assistant**
Institute of Oceanology – BAS, Varna, Bulgaria

2018-2019 **Researcher, ecologist**
Institute of Oceanology – BAS, Varna, Bulgaria

2016 - 2018 **Assistant**
Institute of Oceanology – BAS, Varna, Bulgaria

2016 - 2016 **Ecologist**
Institute of Oceanology – BAS, Varna, Bulgaria

2005 - 2009 **Ecologist**
„Albena“AD

EDUCATION

2013-2018 **PhD**
Institute of Oceanology – BAS, Varna, Bulgaria

2003-2004 **Master’s degree**
Ecology and environmental conservation
Technical University of Varna, Bulgaria

1999-2003 **Bachelor's degree**
Ecology and environmental conservation
Technical University of Varna, Bulgaria

TRAINING

21.10.2019 – 27.10.2019 **Training for operation of CytoSense for quantitative and qualitative analyses of phytoplankton**
CytoBuoy b.v.,Woerden,The Netherlands
Harrie Kools and Thomas Rutten

07.09.2015 – 28.01.2016 **Molecular techniques for monitoring of toxic microalgal species**
Fisheries Research Agency of Japan, National Research Institute of Fisheries Science.
Research Center for Bioinformatics and Biosciences, Yokohama, Japan
Dr. Satoshi Nagai

04.2015 **Molecular approaches for phytoplankton identification**
AgroBioInstitute, Sofia,Bulgaria
Prof. Dr. Ivan Atanasov

09-13.06.2014 **Microarray training for monitoring of toxic phytoplankton species**
Polytechnic University of Marche, Ancona, Italy
Dr. Marco Berzano

28.01.2014 **Training on Next Generation Sequencing machines**
ELTA 90

PERSONAL SKILLS

Mother tongue(s): Bulgarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
	Replace with name of language certificate. Enter level if known.				
Russian	B1	B2	A2	A2	A2
	Replace with name of language certificate. Enter level if known.				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Computer skills: Microsoft Office (Windows, MS Word, MS Excel, MS PowerPoint)
Driving licence: B

ADDITIONAL INFORMATION

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

Dzhembekova, N., Ivanova, P., Moncheva, S., Nagai, S.. Taxonomic diversity of marine sediments from the Black Sea: next-generation sequencing survey. 2018, issn:1314-0957 – Proceedings paper

Dzhembekova, N., Atanasov, I., Ivanova, P., Moncheva, S.. New potentially toxic *Pseudo-nitzschia* species (Bacillariophyceae) identified by molecular approach in the Black Sea (Varna Bay). 17th International Multidisciplinary Scientific GeoConference SGEM 2017, Conference Proceedings, 17, 2017, ISBN:978-619-7408-04-1, ISSN:1314-2704, DOI:10.5593/sgem2017/31, 889-896 - Proceedings paper with SJR without a Quartile

Nagai, S., Urusizaki, S., Hongo, Y., Chen, H., **Dzhembekova, N..** An attempt to semi-quantify potentially toxic diatoms of the genus *Pseudo-nitzschia* in Tokyo Bay, Japan by using massively parallel sequencing technology. Plankton & Benthos Research, 12, 4, 2017, ISSN:1880-8247, DOI:https://doi.org/10.3800/pbr.12.248, 248-258 - Q3

Dzhembekova, N., Urusizaki, S., Moncheva, S., Ivanova, P., Nagai, S.. Applicability of massively parallel sequencing on monitoring harmful algae at Varna Bay in the Black Sea. Harmful Algae, 68, 2017, DOI:10.1016/j.hal.2017.07.004, 40-51 - Q1

Karachle, P., Corsini Foka, M., Crocetta, F., Dulčić J., **Dzhembekova, N.**, Galanidi, M., Ivanova, P., Shenkar, N., Skolka, M., Stefanova, E., Stefanova, K., Surugiu, V., Uysal, I., Verlaque, M., Zenetos A.. Setting-up a billboard of marine invasive species in the ESENIAS area: current situation and future expectancies. ACTA ADRIATICA, 58, 3, 2017, ISSN:0001-5113, 429-458. - Q3

Ivanova, P., **Dzhembekova, N.**, Kardjeva, V., Tsekov, A., Raykov, V.. Microsatellite and allozyme variations in starlet sturgeon wild broodstock and hatchery-produced offspring, used for restocking of lower Danube river. Aquaculture Engineering and Fisheries Research, 3, 4, 2017, ISSN:2149-0236, DOI:10.3153/JAEFR17022, 199-206 – International Nonacademic Press

Ivanova, P., Nikolov, V., **Dzhembekova, N.** 2016. New data for invasive pilengas mullet species Liza haematocheila, (Temminck and Schlegel, 1845) along Bulgarian Black Sea coast.3rd International Conference on Sustainable Agriculture and Environment (3rd ICSAE) September 26-28, 2016, Warsaw, Poland Proceeding Book, ISBN 978-605-9831-95-6 - International Nonacademic Press

Danovaro R, Carugati L, Berzano M, Cahill AE, Carvalho S, Chenuil A, Corinaldesi C, Cristina S, Davidson R, Dell'Anno A, **Dzhembekova N.** Implementing and innovating marine monitoring approaches for assessing marine environmental status. Frontiers in Marine Science. 2016 Nov 23;3 – SJR without a Quartile

Nikolov,V., Ivanova, P.,**Dzhembekova, N**., Panayotova, M., Raykov, V., Dobrovolov, I. 2015. Application of allozyme markers for screening of turbot populations along Western Black Sea coast. ZooNotes 79: 1-15, ISSN 1313-9916 – without JCR or SJR – indexed in WoS or Scopus

Dzhembekova, N., Moncheva, S. 2015. Relationship between some environmental factors and the abundance and distribution of potentially toxic Pseudo-nitzschia species along the Bulgarian Black sea coast. Proceedings of the third student scientific conference “Ecology and Environment”, Shumen Volume 2: 153-163, ISSN 2367-5209 - Proceedings paper

Kopf, A., Bisac, M.,….**Dzhembekova, N**. et al. “The Ocean Sampling Day Consortium.” GigaScience 4 (2015): 27. PMC. Web. 18 Sept. 2015 – Q1

Dzhembekova, N., Moncheva, S. 2014. Recent trends of potentially toxic phytoplankton species along the Bulgarian Black Sea area, Twelfth International Conference On Marine Sciences and Technologies – Proceedings, 321-329, ISSN 1314-0957 - Proceedings paper

Projects	Marine benthic diatoms as a tool for assessment of anthropogenic pressure in coastal areas of the Black Sea Contract № КП-06-Н31/9, 11.12.2019 Benthic marine Antarctic diatoms in contrasting conditions: possible climate induced changes in communities, Contract № 70.25-175/22.11.2019 National Science Program "Environmental Protection and Reduction of Risks of Adverse Events and Natural Disasters", Договор № Д01-322/18.12.2019 Agreement between MOEW and IO-BAS for fulfillment of the obligations of IO-BAS, arising under art. 171, para 2, item 3 of the Water Act (WA) for implementation of the monitoring requirements of the Water Framework Directive (WFD) and the Marine Strategy Framework Directive (MFSD) Д 33 28/26.07.2019г Assessing the vulnerability of the Black Sea marine ecosystem to human pressures, contract № 83530/20.07.2018, ENI CBC Joint Operational Programme BLACK SEA BASIN 2014-2020 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 Project Devotes, 7FP, Project, GA 308392 International Cooperation Bilateral Projects Italia-Bulgaria CNR ISE – BAS "Picocyanobacteria in the deep Black Sea: misteries of a meromictic sea". East and South European Network for Invasive Alien Species – A tool to support the management of alien species in Bulgaria, ESENIAS-TOOLS, Д-33-51/30.06.2015
Conferences	Marine Research, Innovation And Infrastructure For Public Health Prevention Conference 22.05.2020 International Biodiversity and Ecology Sciences Symposium - BIOECO 2019 26 28.09.2019 Humboldt Kolleg "Science without Borders: Alexander von Humboldt's Concept in Today's World" 18-21.09.2019 Fourteenth International Conference On Marine Sciences and Technologies 10-12.10.2018 17th International Multidisciplinary Scientific GeoConference SGEM 2017 29.06 – 05.07.2017 Twelfth International Conference On Marine Sciences and Technologies 25-26.09.2014 Third student scientific conference "Ecology and Environment" 24-25.04.2015
Honours and awards	First award in the competition "The best paper" on the topic of the PhD thesis dedicated to 150 years BAS Badge of honor „45 years IO-BAS"
Fellowships	Japanese Association of University Women , JAUW FY2015 International Fellowship
Membership in Scientific Association	Botanical Society of Bulgaria International Society for the Study of Harmful Algae (ISSHA)
Scientific indicators	https://www.scopus.com/authid/detail.uri?authorId=57190374263 https://orcid.org/0000-0001-9620-6422 https://ras.nacid.bg/dissertation-preview/48484 https://www.researchgate.net/profile/Nina_Dzhembekova/research