



**PERSONAL INFORMATION** Ralitsa Petrova Zidarova

 Institute of Oceanology – BAS, 40 First of May Str., 9000 Varna, Bulgaria  
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**WORK EXPERIENCE**

- 2020- Associate Professor  
Institute of Oceanology – BAS
- 2018-2020 Researcher, PhD  
Institute of Oceanology – BAS
- 2011-2016 Assistant Professor  
Faculty of Biology, St. Kliment Ohridski University of Sofia
- 2009-2011 Assistant Professor  
Central Laboratory of General Ecology – BAS (after 2010 Institute of Biodiversity and Ecosystem Research – BAS)
- 2007-2009 Biologist  
Central Laboratory of General Ecology – BAS (after 2010 Institute of Biodiversity and Ecosystem Research – BAS)
- 2003-2006 PhD student  
Faculty of Biology, St. Kliment Ohridski University of Sofia
- 2001-2004, 2010 Part-time assistant  
Faculty of Biology, St. Kliment Ohridski University of Sofia
- 2001-2002 Biologist  
Institute of Botany (after 2010 Institute of Biodiversity and Ecosystem Research – BAS)

**EDUCATION AND TRAINING**

- 2009 PhD in Botany  
High Attestation Commission
- 2001 MSc in Biology  
Faculty of Biology, St. Kliment Ohridski University of Sofia

**PERSONAL SKILLS AND COMPETENCE**
**Foreign languages**

|                | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|----------------|---------------|---------|--------------------|-------------------|---------|
|                | Listening     | Reading | Spoken interaction | Spoken production |         |
| <i>English</i> | B1            | B2      | B1                 | B1                | B2      |
| <i>Spanish</i> | A2            | B1      | A2                 | A2                | A2      |
| <i>Russian</i> | B1            | B2      | -                  | -                 | -       |

**Communication skills**

Excellent communication skills acquired during the work with students

**Organizational / managerial skills**

Coordinator of three projects

**Professional skills**

-expert, algologist-diatomist  
 -expert in water quality assessment using the parameter "phytobenthos"  
 -experience in algae cultivation and in laboratory physiological and biochemical studies on algae  
 -teaching skills, including: lectures, practical classes and summer practice with students in compulsory courses at the Faculty of Biology of University of Sofia (Structure and biodiversity of plants and fungi, Systematics of algae and fungi, Botany)

## ADDITIONAL INFORMATION

## Scientific research information

<https://www.scopus.com/authid/detail.uri?authorId=26025389300>  
<https://orcid.org/0000-0002-6451-0099>  
[https://www.researchgate.net/profile/Ralitsa\\_Zidarova](https://www.researchgate.net/profile/Ralitsa_Zidarova)  
<https://scholar.google.com/citations?user=CcJv72sAAAAJ&hl=en>

## Principal Projects

## Project Leader

2020-2023, National Scientific Fund N КП-06-H 31/9 from 2019, 'Marine benthic diatoms as a tool for assessment of anthropogenic pressure in coastal areas of the Black sea'

2018-2019, National Center for Polar Studies, 80-10-239/31.08.2018, 'Epilithic marine diatoms from the South Bay of Livingston Island: capabilities for bioindication using artificial substrates in climate change conditions'

2011-2013, National Scientific Fund, ДМУ 03-63, 'Algae from terrestrial habitats and ephemeral water bodies on the South Shetland Islands: species diversity, ecology and biogeography'

## Grants for short-term research projects

2012, L'Oréal – Bulgaria, L'Oréal-UNESCO 'For Women in Science Program', 'Diatoms from Livingston Island (the South Shetland Islands, Antarctica): taxonomy, ecology and biogeography'

2009, SYNTHESYS (EU) GRANT: BE-TAF 5280, 'A taxonomic revision of the terrestrial and freshwater diatoms (Bacillariophyta) from Livingston Island (South Shetland Islands, Scotia Arc)'

## Participation in projects with external funding/operational programs

2009-2012, 7th Framework programme (7FP, CSA – SUPPORT ACTION, contract No. 229802), 'WETLANET', 2008-2009, European Social Fund (ESF), OP "Human resources development"/MES, 100-BG051PO001, 'Development of a mechanism for student practice in assessment of the ecological status of surface running waters'

2009-2010, OP "Environment"- 2007-2013, MEW, 'Determination of reference conditions and maximum ecological potential for the surface water types (rivers and lakes) on the territory of the Republic of Bulgaria'

## Participation in projects funded by national organizations

2019-2021, National Center for Polar Studies, 70.25-175/22.11.2019, 'Benthic marine Antarctic diatoms in contrasting conditions: possible climate induced changes in communities'

2011, EEA/MEW & Ecotan Ltd., Contract 2081/2011, 'Monitoring of phytoplankton in lakes as an element of the national surface water monitoring program for 2011-2012'

2009-2012, National Scientific Fund, ДО 02-317, 'Antarctic algae – a model system for oxidative stress resistance'

2005-2010, 'MEW/Bulgarian Antarctic Institute, Contract 685/2005, 'Complex geological, geochemical, geophysical and ecosystem studies in the region of the St. Kliment Ohridski Bulgarian Antarctic Base.

## Scientific expeditions

7 expeditions with field work in Antarctica (2004-2020)