


PERSONAL INFORMATION

**Dragana Drakulović**

 Seljanovo 38, 85320 Tivat (Montenegro)

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 dragana.dr@ucg.ac.me

Sex Female | Date of birth 13/11/1978 | Nationality Montenegrin

WORK EXPERIENCE

01/05/2008–Present

**Research associate, Laboratory for plankton and sea water quality**  
University of Montenegro, Institute of Marine Biology, Kotor (Montenegro)

Marine ecology, determination of abundance and composition of phytoplankton organisms. Work on projects that aim to define ecological status of the Montenegrin coast, its protection and improvement of management of the coastal region.

EDUCATION AND TRAINING

12/10/2012

**PhD thesis: Importance of phytoplankton as indicator of eutrophication in aquatorium of the Boka Kotorska Bay. University of Belgrade, Serbia.**

University of Belgrade, Faculty of Biology, Belgrade (Serbia)

2005

**Professor of biology**

Graduated at Faculty of Sciences, University of Novi Sad, Novi Sad (Serbia)

PERSONAL SKILLS

Mother tongue(s)

Montenegrin

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Italian	B1	B2	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Organisational / managerial skills

2017-Head of laboratory for plankton and sea water quality

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Basic user	Basic user

Digital skills - Self-assessment grid

Good command of Microsoft Office tools (Word, Excel and PowerPoint)

## ADDITIONAL INFORMATION

### Publications and research papers

1. Krivokapić, S., Pestorić, B., **Drakulović, D.** & N. Vuksanović (2010): Subsurface chlorophyll a maxima in the Boka Kotorska Bay. *Biotechnology & Biotechnological Equipment* SE 24 (2): 181-185.
2. Lučić, D., Pestorić, B., Malej, A., Lopez-Lopez, L., **Drakulović, D.**, Onofri, V., Miloslavić, M., Gangai, B., Onofri, I. & A. Benović (2011): Mass occurrence of the ctenophore *Bolinopsis vitrea* (L. Agassiz, 1860) in the nearshore southern Adriatic Sea (Kotor Bay, Montenegro). *Environ. Monit. Assess.* 184: 4777-4785. doi 10.1007/s10661-011-2301-6.
3. **Drakulović, D.**, Pestorić, B., Cvijan, M., Krivokapić, S. & N. Vuksanović (2012): Distribution of phytoplankton community in Kotor Bay (south-eastern Adriatic Sea). *Cent. Eur. J. Biol.* 7(3): 470-486.
4. Krivokapić, S., Pestorić, B., **Drakulović, D.** & M. Krivokapić (2010): Temporal variability of phytoplankton biomass last two years (2008-2010) in Kotor Bay. *Natura Montenegrina*, 9(3): 275-279.
5. **Drakulović, D.** & N. Vuksanović (2010): Phytoplankton assemblages and density in the Montenegrin coastal sea. 39th CIESM Congress, 10–14 May, Venice, Italy. Conference proceedings: 351.
6. **Drakulović, D.** (2010): Temporal distribution of phytoplankton in the Boka Kotorska Bay. Final meeting, CPWB, 25-27 May, Cavtat, Book of Abstracts, 17.
7. Lučić, D., Benović, A., Onofri, V., Pestorić, B. & **D. Drakulović** (2010): A bloom of the ctenophore *Bolinopsis vitrea* (L. Agassiz, 1860) in Boka Kotorska bay (Montenegro). Third International Jellyfish Blooms Symposium, 13-16 July 2010, Mar del Plata, Argentina. Book of Abstracts, 67.
8. Krivokapić, S., Pestorić, B. & **D. Drakulović** (2011): Temporal variability of nutrients and chlorophyll in the Boka Kotorska bay, eastern Adriatic Sea. *Ecology & Hydrobiology*. 11(1-2): 97-103.
9. **Drakulović, D.**, Vuksanović, N. & D. Joksimović (2011): Dynamics of phytoplankton in Boka Kotorska Bay. *Studia Marina* 25(1): 1-20.
10. **Drakulović, D.** & N. Vuksanović (2011): Dynamics of phytoplankton along Montenegrin coast. 40th Conference "Water 2011, Zlatibor, 7-9 June, Conference Proceedings, 229-234.
11. **Drakulović, D.**, Vuksanović, N. & S. Krivokapić (2011): Spatial and temporal distribution of phytoplankton in Boka Kotorska Bay, South-Eastern Adriatic Sea. 16th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP). 22-27 September 2011 Ioannina, Greece.
12. Mitić, M., **Drakulović, D.**, Pestorić, B., Castelli, A. & Z. Kljajić (2011): Estimation of phytoplankton and zooplankton growth and biomarkers response at the Boka Kotorska Bay (Montenegro). 16th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP). 22-27 September 2011 Ioannina, Greece.
13. Mandić, M., Huter, A., Joksimović, D., **Drakulović, D.** & S. Mandić (2012): Water quality analysis of mussel farms in Boka Kotorska Bay, Montenegro. "Agriculture & Forestry". Vol 54. (1-4): 1-9.
14. **Drakulović, D.**, Krivokapić, S., Mandić, M. & A. Redžić (2013): Phytoplankton community in Boka Kotorska Bay (South-Eastern Adriatic Sea). 40th CIESM Congress 28 October- 1 November, 2013, Marseille, France. 428pp.
15. Mandić, M., **Drakulović, D.**, Huter, A., Petović, S. & S. Mandić (2013): Technology of mussel (*Mytilus galloprovincialis*) and oyster (*Ostrea edulis*) farming in Boka Kotorska Bay. VI International Conference "WATER & FISH". Conference Proceedings, 12-14 June, 388-392.
16. Petović, S. & D. Drakulović (2013): An occurrence of endemic echinoderms in the benthic communities on shelf of the Montenegrin coast. *Natura Montenegrina*, 12 (2): 281-285.
17. **Drakulović, D.**, Mandić, M., Joksimović, D. & S. Petović (2013): Distribution of phytoplankton on mussel farms in Boka Kotorska Bay. *Studia Marina*, 26 (1): 65-82.
18. **Drakulović, D.**, Pestorić, B., Joksimović, D., Redžić, A., Petović, S. (2014): Dinoflagellates assemblages in the Boka Kotorska Bay. *Studia marina* 27 (1): 65-84.
19. Pestorić, B., Miloslavić, M., **Drakulović, D.**, Lučić, D. (2014): Chaetognaths in Boka Kotorska Bay. *Studia Marina* 27 (1): 109-130.
20. Mandić, M., **Drakulović, D.**, Petović, S., Huter, A., Mandić, S. (2014): Development perspectives of fish farming in Montenegro. *Agriculture and Forestry*, Vol. 60. Issue 2: 233-243, Podgorica, UDC

(UDK) 639.2(497.16).

21. Mačić, V., Lučić, D., Gangai-Zovko, B., **Drakulović, D.**, Petović, S., Mandić, M., Marković, O., Huter, A., Miloslavić, M., Onofri, I., Njire, J., Onofri, V., Dulčić, J., Joksimović, A., Žuljević, A., Pestorić, B. (2014): Catalog of allochthonous species in the south Adriatic Sea. I International Scientific Conference Integrated Coastal Zone Management in the Adriatic Sea. Book of Abstracts, 23pp.
22. Gvozdenović, S., Mandić, M., **Drakulović, D.**, Joksimović, A. (2015): The Shellfish biotoxins. Agriculture & Forestry, Vol. 61, Issue 3: 135-142, 2015, Podgorica 1, DOI: 10.17707/AgricultForest.61.3.13
23. **Drakulović, D.**, Pestorić, B., Joksimović, D., Petović, S. (2015): Influence of ballast waters on biological components of the port aquarium in the South-Eastern Adriatic Sea ( Port Bar-Montenegro). 18th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP). 26-30 September 2015 Crete, Greece.
24. **Drakulović, D.**, Pestorić, B., M. Mandić, M., Gvozdenović, S., Joksimović, D. (2016): Spatial and temporal distribution of diatoms in shellfish farms in Boka Kotorska Bay (South-eastern Adriatic Sea). Rapp. Comm. int. Mer Médit., 41, 282 p.
25. **Drakulović, D.**, Pestorić, B., Kraus, R., Ljubimir, S., Krivokapić, S. (2017): Phytoplankton Community and Trophic State in Boka Kotorska Bay. *The Boka Kotorska Bay Environment*. Hdb. Env. Chem. 54: 169-202, DOI 10.1007/698\_2016\_30 . Springer International Publishing Switzerland.
26. Pestorić, B., **Drakulović, D.**, Hure, M., Gangai Zvonko, B., Onofri, I., Lučić, P., Lučić, D. (2017): Zooplankton Community in the Boka Kotorska Bay. *The Boka Kotorska Bay Environment*. Hdb. Env. Chem. 54: 231-270, DOI 10.1007/698\_2016\_35 . Springer International Publishing Switzerland.
27. **Drakulović, D.**, Gvozdenović, S., Joksimović, D., Mandić, M., Pestorić, B. (2017): Toxic and Potentially Toxic Phytoplankton in The Mussel and Fish Farms in The Transitional Area of Montenegrin Coast (South-Eastern Adriatic Sea). *Turkish Journal of Fisheries and Aquatic Sciences*, 17:885-900. ISSN 1303-2712. DOI: 10.4194/1303-2712-v17\_5\_05.
28. Mozečić P., Cangini M. ... **Drakulović D.** et al. (2017): Phytoplankton diversity in Adriatic ports: Lessons from the port baseline survey for the management of harmful algal species. *Marine Pollution Bulletin*, <https://doi.org/10.1016/j.marpolbul.2017.12.029>.
29. Krivokapić S., Bosak S., Viličić D., Kušpilić G., **Drakulović D.**, Pestorić B (2018): Algal pigments distribution and phytoplankton group assemblages in coastal transitional environment – Boka Kotorska Bay (South eastern Adriatic Sea). *Acta Adriatica*, 59 (1): 35 - 50.
30. **Drakulović, D.**, Pestorić, B., Huter A. 2018. Harmful and potentially harmful plankton organisms in marina Porto Montenegro (Boka Kotorska Bay). 13<sup>th</sup> CROATIAN BIOLOGICAL CONGRESS with International Participation 19<sup>th</sup> - 23<sup>rd</sup> September 2018, Poreč, Croatia. Conference proceeding, pp. 247-248. ISSN 1848503.
31. **Drakulović, D.**, Huter A., Pestorić, B., Mandić, M. (2018) Distribution of phytoplankton groups on mussel farms in the Boka Kotorska with emphasis on toxic and potentially toxic taxa . *XVIII International Symposium "Feed Technology"* 23<sup>rd</sup>-25<sup>th</sup> October 2018, Novi Sad, Serbia, Conference proceedings, pp. 53-57. ISBN 978-86-7994-057-5.
32. Mandić M., Pestorić B., Marković O., Đurović M., **Drakulović D.** (2018) Species composition and abundance of ichthyoplankton with contribution to the diversity of zoo and phytoplankton in the Port of Bar (South Adriatic Sea). 12th Panhellenic Symposium of Oceanography & Fisheries. "Blue Growth for the Adriatic-Ionian Macroregion and the Eastern Mediterranean" Corfu, Corfu Island, Greece, 30 May - 3 June 2018 Ionian University, Corfu, Book of abstracts: 78.

#### International projects (participation and coordination)

1. Project- »Marine science of coastal management in Adriatic region, Western Balkan« (2006-2010). Norwegian cooperation program on Research and Higher Education with the Countries on the Western Balkans, regarding Marine Science and Coastal Management.
2. ADRICOSM project, 2006-2009 -Adricosm Integrated River Basin and Coastal Zone Management System: Montenegro Coastal Area and Bojana river Catchment).
3. MEDPOL project, 2009- on going- The marine pollution assessment and control component of Mediterranean Action Plan.
4. Comparative study of phytoplankton dynamics of Boka Kotorska Bay and coastal waters of the southern Adriatic Sea ( 2011-2012).Bilateral project between Montenegro and Croatia.
5. Non-native species in the coastal area of the southern Adriatic sea (2013-2014). Bilateral project between Montenegro and Croatia.
6. Joint Actions for Sea Pollution Prevention (JASPPer)- (2013-2015). IPA programme of cross-border cooperation between Montenegro and Croatia.

7. IPA STRATEGIC – “Ballast water management system for Adriatic Sea protection” - BALMAS (2013-2016) –coordinator for Montenegro
8. BIO-ICT Centre of Excellence -2014-2017.
9. Experimental farming of great Mediterranean scallop (*Pecten jacobaeus*)- (2016-2017). IPA project- Transfer of knowledge between sectors of higher education, research and industry
10. Marine and freshwater microalgae as an alternative source of protein in animal feed (2017-2018). Bilateral project between Montenegro and Serbia.

#### National projects

1. Biological indicators of eutrophication in Boka Kotorska Bay . National project (2008-2011).Ministry of Education and Science of Montenegro, Department of Science and Higher Education
- 2.The biological characteristics of the areas suitable for mariculture in the Boka Kotorska Bay.National project (2008-2011).Ministry of Education and Science of Montenegro, Department of Science and Higher Education
3. Monitoring of biological parameters through transects (2009- on going).Public enterprise for management of coastal zone.
4. Monitoring and biomonitoring of water quality for mariculture (2009-on going). Ministry of agriculture and rural development of Montenegro.
5. The influence of anthropogenic factors on wildlife in the coastal zone of the Montenegrin coast. National project (2012-2015). Ministry of Science of Montenegro.

#### Membership

1. Scientific responsible person, nominated by institute for REMPEC (The Regional Marine Pollution EmergencyResponseCenter for the Mediterranean Sea).
- 2.Member of the working group on food safety, veterinary and phytosanitary policy, Chapter 12 for the preparation of negotiations on the accession of Montenegro to the European Union.

#### Trainings and workshops

1. Regional Training Course on Port Biological Baseline Survey (PBBS), 21st-24th October 2008, Istanbul (Gebze), Turkey;
2. Ecological Modelling of aquatic ecosystems and phytoplankton growth, 22nd -27th March 2010, Centro Ecotekne, Lecce, Italy;
3. Workshop related to phytoplankton determination, Istituto Nazionale di Oceanografia e Geofisica Sperimentale (OGS) Trieste
4. Training programme on regional ocean governance for Mediterranean and Eastern countries, 9th November -11th December 2009, International Ocean Institute, IOI, Malta;
5. Training course on Marine biotoxins: legislation, management and analytical methods- Classification and designation of shellfish waters. Delegation of the European Commission to Montenegro, Montenegro, March 2012.
6. Training course on EU Harmonised Standard Operating Procedure for the determination of domoic acid in shellfish and finish by RP-HPLC using UV detection. Vers 1, June 2008. Delegation of the European Commission to Montenegro, Montenegro, March 2012.
7. Training course on AOAC 959.08 Determination of PSP toxins by mouse bioassay. Delegation of the European Commission to Montenegro, Montenegro, March 2012.
8. Training course on EN 15204: 2006 Water quality- Guidance standard on the enumeration of phytoplankton using inverted microscopy (Utermoehl technique). Delegation of the European Commission to Montenegro, Montenegro, March 2012.
10. Workshop related on biotoxin determination in mussel tissue, Marine Institute, Ireland
11. Workshop Dinoflagellate cyst purification and identification. 11th-12th November 2014, ISMAR, Venice, Italy.
12. Theoretical and practical training on Ballast Water Sampling and Analysis for Compliance Monitoring and Enforcement of the BWM Convention and for Scientific Purposes. 17th-18 th September 2014, Piran, Slovenia
13. 18th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, 26th-30th September 2015, Crete, Greece.
14. Training workshop on International Phytoplankton Intercomparison. 28th November -1st December 2016. Denmark

15. Training on ship BIOS II in frame of PERSEUS project.