

PERSONAL INFORMATION

Violin Stoyanov Raykov
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💬 Skype Violin Raykov

POSITION
Associate Professor -Ecology of marine ecosystems, Ph.D. (Hydrobiology)
WORK EXPERIENCE

01/04/2010–Present
Senior Scientist

IO-BAS, Varna (Bulgaria)

31/01/2002–30/03/2010
Researcher

Institute of Fish Resources, Varna (Bulgaria)

EDUCATION AND TRAINING

04/10/1993–15/06/1998
Master of Biology

Plovdiv University

08/03/2011–10/11/2012
Ph.D. in Hydrobiology

IO-BAS

05/07/2015–11/11/2015
Associate Professor in Ecology of marine ecosystems

IO-BAS

PERSONAL SKILLS

Mother tongue(s)

Bulgarian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Russian	B2	B2	A2	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 - Self-assessment grid

Communication skills

- Good communication skills with colleagues in the field gained from various of international activities in the field
- Excellent skills in translating the information towards specific issues

Organisational / managerial skills

Leader and co-leader of various projects and tasks;
Deputy Director of IO-BAS on international relations;

Job-related skills

- Proven skills (18 years experience) in population dynamics of exploited marine living resources, stock assessment – analytical and holistic approaches; marine/transitional fish fauna biodiversity and ecology; predictive modeling; reference conditions of utilization; TAC's and quotas; trophic interactions and ecology of demersal and pelagic fish species; invasive species research; ecological risk assessment; habitat mapping; fisheries management advice; eco-technology development and applications;

Project leader (on behalf of IO-BAS) of MELTEMI Interreg Balkan-Med project;

Project leader of LitOUTer CBC Black Sea basin 2014-2020 on behalf of IO-BAS;

Project Leader on behalf of IO-BAS of Tidy(up) Interreg Danube River program,

- Natura 2000 network development as regards small cetaceans and *Alosa* spp. He participated in many EU FP6 and 7 projects, BSERP UNDP project,

- CBC JOP, over 20 national and international projects and programs. His scientific interest and work is focused on ichthyology,

- EC Data collection program, fish stock assessment, fisheries management and biodiversity, indicators under EU MSFD, cetacean research, Initial assessment and GES contribution on Descriptors 1,3,4 and 10.

- He is member of Advisory Group of Fisheries at Black Sea Commission, Vice Coordinator of WGBS at GFCM, Coordinator of SGSABS WGBS, GFCM-FAO,

- National expert at FAO (BlackSeaFish project), member of WGBS at STECF, EC,

- Chair of B.EN.A. training center of "Marine science and technology" at IO-BAS.

- Member of Advisory Council of Fisheries and Aquaculture to the Minister of Agriculture and Food, Bulgaria.

- Geographic Expert of Bulgaria - FAME-Fisheries and Aquaculture Monitoring and Evaluation under European Fisheries and Maritime Fund (EMFF);

- FAO GFCM Consultant and project Coordinator (2013 and 2017) under BlackSeaFish and BlackSea4Fish Projects;

-Associate Editor of Frontiers of Marine Sciences;Editor in JEPE

Digital skills

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

Digital skills - Self-assessment grid

ATTACHMENTS

- PHD Raykov.pdf
- List of relevant publications.pdf
- Relevant projects.pdf
- Links to the Violin Raykov.pdf

PHD Raykov.pdf 

List of relevant publications.pdf

1. **Raykov, Violin St**, and Simona Nicheva. "Governance and Socio Economic Implications of the Black Sea Small Scale Fisheries (Bulgaria)." *Diversity in Coastal Marine Sciences*. Springer, Cham, 2018. 413-442.
2. **Raykov, V. S.,** & Duzgunes, E. (2017). Fisheries Management in the Black Sea—Pros and Cons. *Frontiers in Marine Science*, 4, 227.
3. **Raykov, V.** Bikarska, I Marine living resource management and fishing effort control in view of socio-economic reality – alternatives and measures. IGI Global DOI: 10.4018/978-1-60960-621-3 ISBN13: 978-1-60960-621-3 ISBN10: 1-60960-621-3 EISBN13: 978-1-60960-622-0
4. **Raykov.V** and Triantafyllidis G. Review of Driftnet Fisheries in Bulgarian Marine and Inland Waters 2015 Journal of Aquaculture & Marine Biology 04/2015; *J Aquac Mar Biol* 2015,(2(2): 00017):1-10. DOI: 10.15406/jamb.2015.02.00017
5. **Raykov, V.**, Yankova, M., Ivanova, P., & Trayanova, A. (2016). State of some commercially important fish populations in natura 2000 zones of Bulgarian Black Sea area. *Journal of Environmental Protection and Ecology*, 17(4), 1375-1384.
6. **Raykov.V.S.** Zlateva.I. 2015 Fish Stock Indicators as Measure for Sustainability: Black Sea Sprat Case Progressive Engineering Practices in Marine Resource Management p.65 DOI: 10.4018/978-1-4666-8333-4.ch004
7. **Raykov V.S.** Barreiros J. P. Records of predatory, con specific and human induced mauls on fishes from the Northeast Atlantic and Black Sea J.Black Sea/Mediterranean Environment Vol.21 (3), 264-277.
8. Keskin C., Ulman A, Zylich K., **Raykov, V.** St G. M. Daskalov, D. Pauly The Marine Fisheries in Bulgaria's Exclusive Economic Zone, 1950-2013 Frontiers in Marine Science Volume 4(Article 53):10 March 2017 DOI: 10.3389/fmars.2017.00053
9. Zlateva I., **Raykov,V.**, N.Nikolov (Eds.) 2015 Progressive Engineering Practices in Marine Resource Management Edition: First, Publisher: IGI Global, Editor: Ivelina Zlateva (Independent Researcher, Bulgaria), Violin Raykov (Institute of Oceanology, Bulgaria) and Nikola Nikolov (Technical University of Varna, Bulgaria), ISBN: ISBN13: 9781466683334|ISBN10: 1466683333|EISBN13: 9781466683341 (online).
10. Zlateva, I., Alexandrova, M., Nikolov, N., & **Raykov, V.** MATLAB-Based Stochastic Modeling Distribution Analysis of Commercial Fishery Length-Frequency Samples Taken From the Black Sea (Bulgaria).International Journal of Engineering Research in Africa 3(11) DOI10.25125/engineering-journal-IJOER-NOV-2017-1
11. Nicolaev S., V. Maximov, **V.S. Raykov**. 2013. State of Small-scale Fisheries. Practiced in the Romanian and Bulgarian Sectors of the Black Sea during the Past Decade. *FAO Fisheries and Aquaculture Proceedings* (<http://www.fao.org/3/a-i4861e.pdf>)
12. Keskin C., Aylin.U., **Raykov.V.**,Daskalov, G.M., Pauly.D., Zeller.D. Bulgaria 211 p. Global Atlas of Marine Fisheries: A Critical Appraisal of Catches and Ecosystem (Pauly.D&Zeller.D Eds.), ISLANDPRESS, Washington.

Relevant projects.pdf

Relevant projects

1. Project leader BG-RO Cooperative bilateral project BRS-24 "The knowledge of the state and of the evolutionary tendencies of the main gregarious species stocks in the Romanian and Bulgarian marine area, with the aim of harmonizing their evaluation methods and sustainable exploitation measures", duration 2005 - 2007.
2. Project leader Annual Project -Agricultural Academy "State, trends and ecological aspects during the investigation of the changes of stocks in main fish species with aim stability management and using of marine biological resources", duration 2008 – 2010.
3. Team leader "Stock assessment and population parameters estimation of turbot by trawl survey in Bulgarian Black Sea coast Contract IO – IFR contract, 2006-2007
4. Project leader" Stock assessment of sprat biomass and biological parameters trough trawl survey" – NAFA-IFR Contract; 2007-2010
5. Participant in the TTT of BSAP, Black Sea Commission;
6. Participant in part MLR Transboundary diagnostic Analysis, Contract UNDP,2006
7. Participant in International bottom trawl surveys under DCR (EC/199/2008) 2010 and 2011
8. Deputy team leader of International hydro acoustic surveys under DCR (EC/199/2008) 2010 and 2011;
9. Environmental expert on part "Ichthyology"-Varna county Master plan 2009;
10. Participant in BSERP Phase II (UNDP-2006-2007);TDA (2007);Habitat mapping of fish and commercially important invertebrates in Black Sea (2006-2007);
11. Participant in EUROGEL (FP6 2004-2006);
12. Participant in IASON (FP6, 2005-2006);
13. Participant in FP 6 Black Sea Scene I part (FP6, 2005 -2008);
14. Participant in FP 7 Black Sea Scene II Part (FP7, 2009 – 2012);
15. Participant in BSEC pre-feasibility study 2008 (BSEC);
16. Participant in FP7 AQUAT-NET, 2008-2011
17. Participant in FP 7 "WISER" project, part "Fish in coastal and transitional waters"
18. Participant in Diagnostic report of Black Sea reporting process, Part "Fisheries and

aquaculture”

19. Participant in Ecological assessment of the TEPP – Varna, hot water impact on Lake Biota, part "Ichthyology" Geopont, 2009;
20. Participant in project "Black Sea gobies – biodiversity and status of protection" - Institute of Zoology, BAS, Sofia.
21. Scientific responsible - CBC- Strengthening the regional capacity to support the sustainable management of the Black Sea Fisheries (SRCSSMBSF)
22. CREAM Project (External Advisory Board – BSC, AG FOMLR)
21. Participant PERSEUS FP7 –
22. Participant Natura 2000, contract MOEW –
23. Participant "Southern stream" MGU contract with IO-BAS – part "Ichthyology"
24. Participant Biodiversity Outlook – BSC Contract with EEA -
25. Participant FP7 PERSEUS
26. Coordinator on behalf of IO-BAS FP7 project ECOTRAWL, submitted 2011
27. Member of team DG MARE Call for tenders, LOT2, M&E
28. Leader on behalf of IO BAS DG MARE 2014/19 Strengthening regional cooperation in the area of fisheries data collection –
29. Local Project Team Leader, Bulgaria Technical and administrative support for the joint implementation of the Marine Strategy Framework Directive (MSFD) by the EU Black Sea Member States - Phase I -
30. Local Project Team Leader, Bulgaria Technical and administrative support for the joint implementation of the Marine Strategy Framework Directive (MSFD) by the EU Black Sea Member States - Phase II - Under Framework contract for services related to coordination between the different marine regions in implementing the ecosystem approach (ENV.D.2/FRA/2012/0017) –
31. Leader on behalf of IO BAS FRAMEWORK CONTRACT for services to move towards good environmental status of the European marine waters by implementing the Marine Strategy Framework Directive.
32. Participant Project "Development of the Marine Environment and the improvement of monitoring programs developed under MSFD (ISMEIMP)" –
33. Participant Marine litter, eutrophication and noise assessment tools (MARLEN)
34. WP MPAs Leader Black Sea Checkpoints- EMODnet – (<http://www.emodnet.eu/black-sea>)

Links to the Violin Raykov.pdf

Links to the Violin Raykov's profile:

<https://orcid.org/0000-0003-4322-6352>
<https://www.mendeley.com/profiles/violin-raykov/>
<https://loop.frontiersin.org/people/364053/overview>
<http://www.scopus.com/inward/authorDetails.url?authorID=35103274300&partnerID=MN8TOARS>
<https://app.webofknowledge.com/author/search-results/6e0aa0d6-d0f6-4519-8527-7e8ebd3d9207>
<https://ras.nacid.bg/dissertation-preview/39022>
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<https://independent.academia.edu/ViolinRaykov>
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