



PERSONAL INFORMATION

Valentina Ruseva Todorova



 40 First May Str., 9000 Varna (Bulgaria)

 (+359) 897 413 987

 vtodorova@io-bas.bg

WORK EXPERIENCE

2017–Present

Scientific Deputy Director

Institute of Oceanology - BAS
40 First May Str., 9000 Varna (Bulgaria)
www.io-bas.bg

Assists the Director in planning, executing and reporting of research and development activities, assigns tasks; provides methodological guidance and organisational support to scientists and technical staff in their research activities. Leads and participates in research projects development and implementation according to the national and international scientific priorities of IO-BAS.

Business or sector Professional, scientific and technical activities

2012–2016

Head of “Marine Biology and Ecology” Department

Institute of Oceanology - BAS, Varna (Bulgaria)

Manages the implementation of research activities in “Marine Biology and Ecology” Department; Supervises PhD students education and is responsible for accreditation of doctoral programmes in the department; Develops and coordinates the implementation of research projects; Collects and analyses scientific information and data; Publishes research findings; Provides consultancy to national and international authorities.

2011–Present

Assoc. Professor

Institute of Oceanology - BAS, Varna (Bulgaria)

Develops and coordinates the implementation of research projects; Collects and analyses scientific information and data; Publishes research findings; Provides consultancy to national and international authorities.

2006

Team leader of regional expert group on Black Sea biodiversity

UNOPS

Development of Transboundary Diagnostic Analysis of the Black Sea, 2007

1998–2011

Assoc. researcher

Institute of Oceanology - BAS, Varna (Bulgaria)

Participates in research projects; Carries out field work and laboratory analyses of macrozoobenthos; Collects and analyses scientific information and data; Publishes research findings; Provides consultancy to national and international authorities.

1992–1998

Biologist

Institute of Oceanology - BAS, Varna (Bulgaria)

Participates in research projects; Carries out field work and laboratory analyses of macrozoobenthos; Collects and analyses scientific information and data; Publishes research findings; Provides consultancy to national and international authorities.

EDUCATION AND TRAINING

1999–2005 **PhD in Hydrobiology**
 Institute of Oceanology - BAS, Varna (Bulgaria)

- Biological oceanography, Hydrobiology
- Diversity, biology and ecology of benthic invertebrate fauna in the Black Sea
- Benthic habitats in the Black Sea
- Non-native and invasive species in the Black Sea
- Biological indicators for the marine environmental status
- Biostatistical analyses
- Methods for sampling and laboratory analyses of macrozoobenthos and quality control procedures;
- SCUBA scientific diving

1985–1992 **MSc in Biology**
 Sofia University St. Kliment Ohridski, Biology Faculty, Sofia (Bulgaria)

Mathematics, Mathematical methods in biology, Physics, Chemistry, Biochemistry, Botany, Zoology, Anatomy, Embryology and histology, Cytology, Microbiology, Physiology and plants and animals, Genetics, Ecology and environmental protection, Hydrobiology, Oceanography, Water treatment, etc.

PERSONAL SKILLS

Mother tongue(s) Bulgarian

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Russian	C1	C1	B2	B2	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 gained through my experience as participant in national and international research teams.

Organisational / managerial skills Excellent organisational skills gained as scientific deputy director and head of department.
 Excellent team leading skills gained as team leader of national and international research groups.

Job-related skills

- Ecological and conservation status assessment of marine benthic habitats, development of indicators and assessment systems;
- Knowledge on the implementation of European environmental legislation – Habitats Directive, Water Framework Directive, Marine Strategy Framework Directive;
- Development of marine monitoring programmes;
- Benthic habitat mapping and classification;
- Biostatistical analyses;
- Sampling and laboratory processing of marine macrozoobenthos;
- Quality control of sampling and laboratory processes;
- Supervision of PhD students.

Digital skills SELF-ASSESSMENT

Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Basic user	Basic user	Basic user

Digital skills - Self-assessment grid

Excellent command of MS Office (Word, Excel, Power Point)
 Excellent command of PRIMER v7
 Basic user of ArcGIS 10

Other skills TDI Decompression Procedures Diver

Driving licence B

ADDITIONAL INFORMATION

Honours and awards

- Collective Award “Varna” 2018 of Varna Municipality for scientific achievements in the Project “Investigations on the State of the Marine Environment and Improving Monitoring Programs developed under MSFD (ISMEIMP)”. Research Team Leader

Publications Indexed in Scopus and/or Web of Science

- Berov, D., Todorova, V., Dimitrov, L., Rinde, E., Karamfilov, V. (2018). Distribution and abundance of phytobenthic communities: Implications for connectivity and ecosystem functioning in a Black Sea Marine Protected Area. *Estuarine, Coastal and Shelf Science*, 200, 234-247.
- Bevilacqua, S., Katsanevakis, S., Micheli, F., Sala, E., Rilov, G., Sarà, G., Malak, D.A., Abdulla, A., Gerovasileiou, V., Gissi, E., Mazaris, A. D., Pipitone, C., Sini, M., Stelzenmüller, V., Terlizzi, A., Todorova, V. & Fraschetti, S. (2020). The Status of Coastal Benthic Ecosystems in the Mediterranean Sea: Evidence From Ecological Indicators. *Frontiers in Marine Science*, 7, 475. doi: 10.3389/fmars.2020.00475
- Blenckner, T., Kannen, A., Barausse, A., Fischer, C., Heymans, J.J., Luisetti, T., Todorova, V., Valman, M., Mee, L. (2015). Past and future challenges in managing European seas. *Ecology and Society*, 20 (1), art. no. 40.
- Boero N. (...), Lyubomir Dimitrov, Petya Ivanova, Valentina Todorova, Marina Panayotova, Valentina Doncheva, Iliyan Kotsev, Bogdan Prodanov et. al. (2016). CoCoNet: Towards Coast to Coast Networks of Marine Protected Areas (From the Shore to the High and Deep Sea), Coupled with Sea-Based Wind Energy Potential. *SCIRES-IT (SCientific RESearch and Information Technology)*, 6 (Suppl. 2016), 1-95. DOI:10.2423/i22394303v6Spl,
- Boissin E., Micu D., Janczyszyn Le Goff M., Neglia V., Bat L., Todorova V., Panayotova M., Kruschel C., Macic V., Milchakova N., Keskin Ç., Anastasopoulou A., Nasto I., Zane L., Planes S. (2016). Contemporary genetic structure and postglacial demographic history of the black scorpionfish, *Scorpaena porcus*, in the Mediterranean and the Black Seas. *Molecular Ecology*, 25 (10), 2195-2209.
- Buhl-Mortensen, L., Galparsoro, I., Vega Fernández, T., Johnson, K., D'Anna, G., Badalamenti, F., Garofalo, G., Carlström, J., Piwowarczyk, J., Rabaut, M., Vanaverbeke, J., Schipper, C., van Dalfsen, J., Vassilopoulou, V., Issaris, Y., van Hoof, L., Pecceu, E., Hostens, K., Pace, M.L., Knittweis, L., Stelzenmüller, V., Todorova, V., Doncheva, V. (2017). Maritime ecosystem-based management in practice: Lessons learned from the application of a generic spatial planning framework in Europe. *Marine Policy*, 75, 174-186.
- Chartosia, N., Anastasiadis, D., Bazairi, H., Crocetta, F., Deidun, A., Despalatović, M., Di Martino, V., Dimitriou, N., Dragičević, B., Dulčić, J., Durucan, F., Hasbek, D., Ketsilis-Rinis, V., Kleitou, P., Lipej, L., Macali, A., Marchini, A., Ousselam, M., Piraino, S., Stancanelli, B., Theodosiou, M., Tiralongo, F., Todorova, V., Trkov, D., Yapici, S. (2018). New mediterranean biodiversity records. *Mediterranean Marine Science*, 19, (2), 398-415. DOI:10.12681/mms.18099
- Fraschetti S., Pipitone C., Mazaris A. D., Rilov G., Badalamenti F., Bevilacqua S., Claudet J., Caric' H., Dahl K., D'Anna G., Daunys D., Frost M., Gissi E., Göke C., Goriup P., Guarnieri G., Holcer D., Lazar B., Mackelworth P., Manzo S., Martin G., Palialexis A., Panayotova M., Petza D., Rumes B., Todorova V., Katsanevakis S. (2018). Light and Shade in Marine Conservation Across European and

Contiguous Seas. *Frontiers in Marine Science*, 5, 420. DOI:10.3389/fmars.2018.00420.

- Jahnke, M., Christensen, A., Micu, D., Milchakova, N., Sezgin, M., Todorova, V., Strungaru, S., Procaccini, G. (2016). Patterns and mechanisms of dispersal in a keystone seagrass species. *Marine Environmental Research*, 117, 54-62.
- Janssen, R., Knudsen, S., Todorova, V., Hoşgör, A.G. (2014). Managing Rapana in the Black Sea: Stakeholder workshops on both sides. *Ocean and Coastal Management*, 87, 75-87.
- Konsulova, Tsenka H.; Trayanova, Antoaneta T.; Todorova, Valentina R. (2010). Sand bank Koketrays - a Case Study on the Effect of Marine Protected Area Designation as a Key Approach to Black Sea Biodiversity and Habitats Conservation (2010). *Acta Zoologica Bulgarica* 62 (1), 89-97.
- Langmead, O., McQuatters-Gollop, A., Mee, L.D., Friedrich, J., Gilbert, A.J., Gomoiu, M.-T., Jackson, E.L., Knudsen, S., Minicheva, G., Todorova, V. Recovery or decline of the northwestern Black Sea: A societal choice revealed by socio-ecological modelling (2009). *Ecological Modelling*, 220 (21), 2927-2939.
- Lee, J.S., Kang, D.-J., Hineva, E., Slabakova V., Todorova V., Park, J., Cho, J.-H. (2017). Estimation of net ecosystem metabolism of seagrass meadows in the coastal waters of the East Sea and Black Sea using the noninvasive eddy covariance technique. *Ocean Science Journal*, 52(1), 1-14.
- Micu, D., Niță, V., Todorova, V. (2010). First record of the Japanese shore crab *Hemigrapsus sanguineus* (de Haan, 1835) (Brachyura: Grapsoidea: Varunidae) from the Black Sea. *Aquatic Invasions*, 5 (Suppl. 1, S1-S4). doi: 10.3391/ai.2010.5.S1.001.
- Micu D., Niță V. and Todorova V., (2010). First record of Say's mud crab *Dyspanopeus sayi* (Brachyura: Xanthoidea: Panopeidae) from the Black Sea. *Marine Biodiversity Records*, 3, 1-6. doi:10.1017/S1755267210000308.
- Panayotova, M.D., Raykov, V.S., Todorova, V.R. (2012). Turbot (*Psetta maxima* L.) abundance indices and stock dynamics of Bulgarian Black Sea coast during the period 2006-2009. *Acta Zoologica Bulgarica*, 64 (1), 85-91.
- Panayotova, M.D., Todorova, V.R. (2014). Using opportunistic sightings to assess the distribution of small cetaceans in bulgarian waters of the black sea in 2012 (2015). *Acta Zoologica Bulgarica*, 67 (3), 421-427.
- Panayotova, M. A. & Todorova, V. R. (2008). Stocks, Distribution and Population Parameters of Turbot (*Psetta maxima* L.) in front of the Bulgarian Black Sea Coast in 2006. *Acta Zoologica Bulgarica*, Suppl. 2, 317-324.
- Panayotova M., Todorova V., 2015. Distribution of three cetacean species along the Bulgarian Black Sea coast in 2006 – 2013. *J. Black Sea/Medit. Environment* Vol. 21, No. 1: 45-53 (2015). ISSN:1304-9550
- Paterno, M., Bat, L., Souissi, J.B., Boscarri, E., Chassanite, A., Congiu, L., Guamieri, G., Kruschel, C., Mačić, V., Marino, I.A.M., Micu, D., Milchakova, N., Panayotova, M., Papetti, C., Planes, S., Strungaru, S., Todorova, V.R., Voutsinas, E., Zane, L. (2019). A Genome-Wide Approach to the Phylogeography of the Mussel *Mytilus galloprovincialis* in the Adriatic and the Black Seas, *Frontiers of Marine Science*, 6, 1-16. DOI: 10.3389/fmars.2019.00566
- Salomidi, M., Katsanevakis, S., Borja, Á., Braeckman, U., Damalas, D., Galparsoro, I., Mifsud, R., Mirto, S., Pascual, M., Pipitone, C., Rabaut, M., Todorova, V., Vassilopoulou, V., Fernández, T.V. (2012). Assessment of goods and services, vulnerability, and conservation status of European seabed biotopes: A stepping stone towards ecosystem-based marine spatial management *Mediterranean Marine Science*, 13 (1), pp. 49-88.
- Salomidi, M., Katsanevakis, S., Borja, A., Braeckman, U., Damalas, D., Galparsoro, I., Mifsud, R., Mirto, S., Pascual, M., Pipitone, C., Rabaut, M., Todorova, V., Vassilopoulou, V., Fernandez, T.V. (2012). Goods, Services and Sensitivity of European Marine Biotopes: building on the EUNIS database with a view to facilitating Marine Spatial Management. *Revista de Investigacion Marina*, 19 (2), 66-67.
- Surugiu, V., Revkov, N., Todorova, V., Papageorgiou, N., Valavanis, V., Arvanitidis, C. (2010). Spatial patterns of biodiversity in the Black Sea: An assessment using benthic polychaetes. *Estuarine, Coastal and Shelf Science*, 88 (2), 165-174.
- Todorova, V., Dimitrov, L., Doncheva, V., Trifonova, E., Prodanov, B. Benthic habitat mapping in the Bulgarian Black Sea (2015). *Proceedings of the 12th International Conference on the Mediterranean Coastal Environment, MEDCOAST 2015*, 1, 251-262.
- Todorova, V., Konsulova, T. (2000). Long term changes and recent state of macrozoobenthic communities along the Bulgarian Black Sea coast. *Mediterranean Marine Science*, 1 (1), 123-131.
- Todorova, V., Micu, D., Klisurov, L. (2009). Unique oyster reefs discovered in the Bulgarian Black

Sea. *Comptes Rendus de L'Academie Bulgare des Sciences*, 62 (7), 871-874.

- Todorova V., Konsulova T., 2003. Community pattern and differentiation of soft sediments macrofauna of the Bulgarian Black Sea shelf. *Acta Zoologica Bulgarica* 55 (3), 81-96.
- Todorova, V. (2005). Zoobenthic communities in the north-western Black Sea shelf - indicator of the recent ecological state of the ecosystem. *Trudove na Instituta po Okeanologiya*, 5, 243-261. (In Bulgarian)
- Trayanova, A.T., Todorova, V.R., Konsulova, T.H., Shtereva, G.P., Hristova, O.D., Dzhurova, B.S. (2011). Ecological state of Varna Bay in summer 2009 according to benthic invertebrate fauna. *Acta Zoologica Bulgarica*, 63 (3), 277-288.
- Trifonova, E., Keremedchiev, S., Valchev, N., Kotsev, I., Eftimova, P., Todorova, V., Konsulova, T., Doncheva, V., Filipova – Marinova, M., Vergiev, S., Petkov, J., Nikolaev, R., de Vries, W. S., Silva, R., Andreeva, N., Galitsatou, P., Kirilova, D., Krestenitis, Y., Polonsky, A., Androulidakis, I., Kombiadou, K., Weisse, R., Mendoza, E., Durán, G., Karambas, T., Koftis, T., Prinos, P., Kuznetsov, S., Saprykina, Y., (2014). Mitigating Flood and Erosion Risk using Sediment Management for a Touristic City: Varna, Bulgaria. In Zanuttigh B., Nicholis R., Vanderlinden J., Thompson R., Burcharth H. (Eds). *Coastal Risk Management in a Changing Climate*. (pp. 358-383). Elsevier.
- Zaharia, T., Micu, D., Todorova, V., Van Elburg, D., Nita, V., Maximov, V., Golumbeanu, M. (2010). The coherence of the Romanian marine protected areas network. *Journal of Environmental Protection and Ecology*, 11 (1), 199-208.
- Zenetos, A., Revkov, N.K., Konsulova, T., Sergeeva, N., Simboura, N., Todorova, V.R., Zaika, V.E. (2000). Coastal benthic diversity in the Black and Aegean seas. *Mediterranean Marine Science*, 1 (2), 105-117.

Book chapters

- Stefanova K., Todorova V., Kamburska L., Dencheva K. (2005). The Black Sea ecosystem in front of the Bulgarian coast – research and current state. In A. Petrova (Ed.). *Recent state of biodiversity in Bulgaria – problems and prospects*. (pp. 447-468). Sofia, Bulgaria: Bulgarian Biodiversity Platform. (in Bulgarian)
- Teaca A., Todorova V., Begun T., Muresan M., Sezghin M., Ürkmez D., Filimon A. (2014). Benthic habitats. In S. Moncheva S. & L. Boicenco (Eds). *State of Environment Report of the Western Black Sea based on Joint MISIS cruise*. (pp. 111-170). Constanta, Romania: Ex PONTO
- Todorova V. & Panayotova M. (2015). *Cystoseira* spp. on exposed to waves infralittoral bedrock and boulders. In V. Biserkov et al. (Eds). *Red book of Republic of Bulgaria, Vol. III, Natural habitats*. (pp. 56-58). Sofia, Bulgaria: BAS & MOEW.
- Todorova V. & Panayotova M. (2015). Infralittoral rocks and other hard substrates. In V. Biserkov et al. (Eds). *Red book of Republic of Bulgaria, Vol. III, Natural habitats*. (pp. 54-56). Sofia, Bulgaria: BAS & MOEW.
- Todorova V. & Panayotova M. (2015). Sublittoral mussel beds on sediment. In V. Biserkov et al. (Eds). *Red book of Republic of Bulgaria, Vol. III, Natural habitats*. (pp. 62-63). Sofia, Bulgaria: BAS & MOEW.
- Todorova V. & Panayotova M. (2015). Sublittoral sands. In V. Biserkov et al. (Eds). *Red book of Republic of Bulgaria, Vol. III, Natural habitats*. (pp. 60-62). Sofia, Bulgaria: BAS & MOEW.
- Todorova, V. & Konsulova, T. (2008). The state of zoobenthos. Bulgarian shelf area. In T. Oguz (Ed.). *State of the Environment of the Black Sea (2001-7)*. (pp. 267-276). Istanbul, Turkey: Publications of the Commission on the Protection of the Black Sea against Pollution (BSC) 2008-3.
- Todorova, V. (2015). Black mussels and/or barnacle communities on mediolittoral rocks. In V. Biserkov et al. (Eds). *Red book of Republic of Bulgaria, Vol. III, Natural habitats*. (pp. 44-45). Sofia, Bulgaria: BAS & MOEW.
- Todorova, V. (2015). Littoral sands and muddy sands. In V. Biserkov et al. (Eds). *Red book of Republic of Bulgaria, Vol. III, Natural habitats*. (pp. 46-47). Sofia, Bulgaria: BAS & MOEW.
- Todorova, V. (2015). Underwater “meadows” of sea grasses. In V. Biserkov et al. (Eds). *Red book of Republic of Bulgaria, Vol. III, Natural habitats*. (pp. 51-52). Sofia, Bulgaria: BAS & MOEW.
- Todorova, V. (2017). Zoobenthic indicators for assessment of sandy bottom habitats. In V. Todorova & T. Milkova (Eds). *Investigations on the State of the Marine Environment and Improving Monitoring Programs developed under MSFD (ISMEIMP) Final Report*. (pp. 23-47). Varna, Bulgaria: IO-BAS & BSBD.

Conference Proceedings

- Arvanitidis C., Todorova V. (2004). Introduction to Topic 3.3: In search of pressure-state-response biodiversity indicators - extending science to policy. In Magni, P. et al. (Eds). *Electronic conference on*

'The Southern and Eastern Mediterranean Sea and the Black Sea: New challenges for marine biodiversity research and monitoring' - Summary of discussions, 6 to 24 September, 2004. (pp. 50-52). Oostende, Belgium: Flanders Marine Institute.

- Arvanitidis C., Todorova V. (2004). Summary of discussions on Topic 3.3: In search of pressure-state-response biodiversity indicators: extending science to policy. In P. Magni et al. (Eds). *Electronic conference on "The Southern and Eastern Mediterranean Sea and the Black Sea": New challenges for marine biodiversity research and monitoring' - Summary of discussions, 6 to 24 September, 2004.* (pp. 97-99). Oostende, Belgium: Flanders Marine Institute.
 - Doncheva, V., Hristova, O., Djurova, B., Trifonova, E., Todorova, V. (2018). Organic enrichment in the Bulgarian Black Sea coastal sediments based on geochemical indicators. *Proceedings of Fourteenth International Conference on Marine Sciences and Technologies - Black Sea 2018.* (pp.186-194). Varna, Bulgaria.
 - Doncheva, V., Todorova, V., Valchev, N., Teaca, A., Muresan, M., Populus, J., Vasquez, M., Manca, E. (2018). Mapping seabed habitats in EMODnet - the Black Sea case. *Proceedings of Fourteenth International Conference on Marine Sciences and Technologies - Black Sea 2018.* (pp. 239-244). Varna, Bulgaria.
 - Konsulova T., Tasev V., Todorova V., Konsulov A. (2003). The effect of bottom trawling on mussel beds along the Bulgarian Black Sea coast. In A. Yilmaz (Ed.). *Proceedings of the "Second international conference on Oceanography of the Eastern Mediterranean and Black Sea: Similarities and Differences of Two Interconnected Basins", 14-18 October 2002.* (pp. 888-896). Ankara, Turkey.
 - Konsulova T., Todorova V. (1996). Macrozoobenthic Communities Status - a Detector of the Ecological Effect of Shore-protecting Constructions". In A.H.P.M.Salman, M.J. Langeveld & M. Bonazountas (Eds). *Proceedings of the 4th EUCC Congress: Coastal Management and Habitat Conservation.* Vol. 2, 213-221. Marathon, Greece.
 - Konsulova T., Todorova V., Nikolov V. (2008). Evolution of mussel cultivation along the Bulgarian Black Sea coast: case study. *Proceedings of the 1st Biannual Scientific Conference: Black Sea Ecosystem 2005 and Beyond.* Vol. II, 990 – 1008.
 - Konsulova T., Todorova V., Shtereva G., Trayanova A. (2000). Benthic Macrofauna Status - a Relevant Tool for Environmental Impact Assessment in Port Areas. In B.Savov & V. Penchev (Eds). *Proceedings of the Second International Conference "Port Development and Coastal Environment".* Vol.1, 109-120.
 - Konsulova, T., Todorova, V., Konsulov, A. (2001). Investigation on the effect of ecological method for protection against illegal bottom trawling in the Black Sea - preliminary results. *Rapport du Congress de la CIESM*, 36, 287.
 - Kotsev, I., Keremedchiev, St., Todorova, V., Trifonova, E., Dimitrov. L., Andreeva, N., Eftimova, P. (2012). Mapping of the sub-littoral substrates as a basis for the identification of NATURA 2000 habitat types 1110 and 1170 in the Bulgarian Black Sea. *Proceedings of European SCGIS Conference "Best practices: Application of GIS technologies for conservation of natural and cultural heritage sites" 21 -23 May 2012.* (pp. 31-38). Sofia, Bulgaria.
 - Panayotova M., Daskalov G., Todorova V., Georgieva I., Bekova R., Klayn S., Biserkov V. (2018). Mapping and assessment of the ecosystem services to fisheries in the Black Sea. *Proceedings of Fourteenth International Conference on Marine Sciences and Technologies - Black Sea '2018.* (pp. 136-141). Varna, Bulgaria.
 - Prodanov B., Kotsev I., Keremedchiev St., Todorova V., Dimitrov L. (2013). Initial assessment of the technogenic pressure in the mediolittoral zone of the Bulgarian Black Sea coast. *Proceedings of the Second European SCGIS conference "Conservation of Natural and Cultural Heritage for Sustainable Development: GIS-based Approach", September 24th, 2013.* Sofia, Bulgaria.
 - Todorova V., Konsulova T. (2008). Ecological state assessment of zoobenthic communities on the Northwestern Black Sea shelf – the performance of multivariate and univariate approaches. *Proceedings of the 1st Biannual Scientific Conference: Black Sea Ecosystem 2005 and Beyond, Vol. I, Biodiversity, Ecophysiology.* (pp. 726-742).
- Not indexed journals
- Panayotova M., Todorova V. (2015). Diversity and community structure of fish in the Bulgarian Black Sea shelf area. *Journal of Research in Agriculture and Animal Science, Vol. Issue 3,* 07-14.
 - Prodanov K., Konsulova T., Todorova V. (1995). "Growth rate of *Rapana thomasiana* (Gastropoda) along Bulgarian Black sea coast". *Rapp. Comm. int. Mer Medit,* 34, 40).
 - Micu D. & Todorova V. (2007). A fresh look at the western Black Sea biodiversity. *MarBEF Newsletter* 7, 26-28.

- Micu D. & Todorova V. (2007). Biodiversity of the Western Black Sea. *MarBEF Newsletter* 7, 26-28.
- Todorova V., Zaharia T., Alexandrov B., Antonidze K., Tskhadadze N., Tonay A., Parr B., Volovik Y., Velikova V., (2007). Marine Protected areas in the Black Sea. *Coastline* ,16 (2), 13-17.

Studies

- Micu D., Zaharia T., Todorova V., Niță V. (2007). *Romanian Marine Habitats of European Interest*. (32 pp). Constanța, Romania: Ed. Punct Ochit. (in Romanian)
- Todorova V., Micu D., Panayotova M., Konsulova T. (2008). *Marine Protected Areas in Bulgaria - Present and Prospects*. (20 pp). Varna, Bulgaria: Steno Publishing House.
- Zaharia T., Micu D., Todorova V., Maximov V., Nita V. (2008). *The Development of an Indicative Ecologically Coherent Network of Marine Protected Areas in Romania*. (32 pp.) Constanta, Romania: Romart Design.

Electronic publications

- Populus J., Vasquez M., Albrecht J., Manca E., Agnesi S., Al Hamdani Z., Andersen J., Annunziatellis A., Bekkby T., Bruschi A., Doncheva V., Drakopoulou V., Duncan G., Inghilesi R., Kyriakidou C., Lalli F., Lillis H., Mo G., Muresan M., Salomidi M., Sakellariou D., Simboura M., Teaca A., Tezcan D., Todorova V., Tunesi L. (2017). *EUSeaMap. A European broad-scale seabed habitat map*. <https://doi.org/10.13155/49975>
- Todorova, V., Abaza, V., Dumitrache, C., Todorov, E., Wolfram, G. & Salas Herrero, F. (2018). *Coastal and transitional waters Black Sea Geographic Intercalibration Group. Benthic invertebrate fauna ecological assessment methods*. Luxembourg: Publication Office of the European Union. DOI: 10.2760/31396
- Todorova, V. & Konsulova, Ts. (2005). *Manual for collection and treatment of soft bottom macrozoobenthos samples*. Retrieved from http://www.blacksea-commission.org/_publ-Manual_zoobenthos.asp

Projects

Project coordinator or scientific team leader

- 2011-2012. Extension of NATURA 2000 in the Bulgarian Black Sea Area. Funded by the Enterprise for Management of Environmental Protection Activities, Contract 7976/04.04.2011.
- 2012-2016. Towards COast to COast NETworks of marine protected areas (from the shore to the high and deep sea), coupled with sea-based wind energy potential – CoCoNet, Contract №: 287844 7FP EC.
- 2015-2017. Investigations on the State of the Marine Environment and Improving Monitoring Programs developed under the MSFD (ISMEIMP), Financial Mechanism of the European Economic Area 2014-2020, Contract № Д-34-13/02.04.2015
- 2012-2013. Initial assessment, good status and targets for the marine environmental status of R Bulgaria under MSFD. Contract № 203/09.08.2012 with BSBD.
- 2009-2013. Monitoring and Evaluation of Spatially Managed Areas – MESMA, Contract №: 226661“ 7FP EC.
- 2009-2012. Knowledge-based Sustainable Management for Europe’s Seas - Knowseas, Contract № 226675, 7FP EC.
- 2007-2008. The development of an indicative ecologically coherent network of sub-tidal Marine Protected Areas (MPAs) in Bulgaria and Romania”, Project № MPAs BG & RO/1/2006/31, BBI-Matra Action Plan Support Scheme 2005-2008

Key expert

- 2018. Technical and Scientific Support in relation to the implementation of Regulation 1143/2014 on Invasive Alien Species, Contract No 07.0202/2017/763436/SER/ENV.D.2 EC DG Environment, Consultancy Contract of 31.01.2018 with IUCN, European Union Representative Office.
- 2013-2016. Intercalibration of methods for analyses of the biological quality elements for surface water types in Bulgaria, corresponding to common European types in the Geographic Intercalibration Groups. Contract № 0-33-27/26.11.2013 between MOEW and DICON UBA УБА, Consultancy Contract of 02.12.2013 with DICON Group Ltd. Key expert on Black Sea zoobenthos.

Team member (selected projects)

- 2016-2020. COST Акция № CA15121 Advancing marine conservation in the European and contiguous seas, (MarCons). 2016-2020
- 2017-2019. Operation, Development and Maintenance of a European Marine Observation and

Data Network – Lot 2 Seabed Habitats. Contract № EASME/EMFF/2016/I.3.I.2 – Lot2/SI2.751208.

- 2015-2017. Knowledge base for growth and innovation in ocean economy: Assembly and dissemination of marine data for seabed mapping)“. EMODnet. EC Contract MARE/2012/10 - Lot #3 Physical Habitats. Contract № SI2.657872.
- 2016. Mapping and Assessment of freshwater and marine ecosystems and their services in Bulgaria (FEMA), Contract Д-33-87/23.08.2016 between MOCB and IBER-BAS, Contract № 65/01.09.2016 with IBER-BAS as expert in marine macrozoobenthos.
- 2011-2014. Ecosystem Approach to Fisheries and management advice in the Mediterranean and Black Seas – CREAM)“, Contract No. 265648, 7FP EC.
- 2009-2013. Innovative technologies for safer European coasts in a changing climate – Theseus. Contract №: 2441047, FP EC.
- 2012 – 2014. Guiding Improvements in the Black Sea Integrated Monitoring System – MISIS. Contract 07.020400/2012/616044/SUB/D2, FP7 EC.

Scopus Author ID: 36777574600

ORCID: <https://orcid.org/0000-0002-2679-5062>