

- Alexandrova, K., 1964. The growth of *Mugil saliens* Risso along the Bulgarian Coast of the Black Sea. Proc., Inst. of Fisheries and Oceanography-Varna, Vol.V., 117-128 (in Bulgarian)
- Alexandrova, K., 1964. On some peculiarities in the growth of (*Mugil auratus* Risso) along the Bulgarian coast. Proc., Institute of Fisheries-Varna, Vol. IV 237-252
- Alexandrova, K., 1967. Mulletts in the lakes along the Bulgarian Black Sea coast. Proc. Inst. of Fisheries and Oceanography, VIII, 263-293 (in Bulgarian)
- Alexandrova, K., 1973. The catch of mullets along the Bulgarian coast of the Black Sea and its effect on the stocks. Proc. Institute of Fisheries-Varna, Vol.XII 133-143 (in Bulgarian)
- Arkhipov, A.G. 1993. Estimation of the abundance and distribution peculiarities of the commercially important fishes in the early ontogeny. J. Ichthyology/Vopr. Ihtiol., 33 (4), 511-522 (in Russian)
- Aloisi, G.I., Bouloubassi I., Heijs .K, Pancost R.D., Sinninghe Damste J.S. & Gottschal J.C., 2002. Methane-consuming microorganisms and the formation of carbonate crusts at seeps. Earth and Plan. Sc. Let. 203: 195-203
- Bacescu M. et al., 1960. Benthic ecological research in the Black Sea. Quantitative, qualitative and comparative analysis of pontic benthic fauna. Ecologie marina/ Marine ecology, 4, 274 (in Romanian)
- Banarascu P., 1964. Fauna of Peoples Republic of Romania Pisces Osteichthyes (ganoids and bony species), Vol. XIII, Romanian Academy of Sciences, 960 (in Romanian)
- Boltachev, A.R. & Zuev, G.V., 1999. Composition and Ecological Structure of the Ichthyofauna of Liman Donuzlav (Northeast Crimea). Journal of ichthyology/ Voprosy ikhtiologii Vol. 39, no. 1
- Boltachev, A.R., Gaevskaya, A.V., Zuev, G.V. & Yurakhno, V.M., 1999. The blue whiting *Micromesistius poutassou* (Risso, 1826) (Pisces: Gadidae) -- a new species in the Black Sea). Ehkologiya Morya/Marine ecology, vol. 48, 79-82.
- Boltachev, A.R. & Yurakhno, V.M., 2002. New Evidence of Ongoing Mediterraneanization of the Black Sea Ichthyofauna. Journal of Ichthyology/Voprosy Ikhtiologii, vol. 42, no. 9, 713-719
- Boltachev, A.P., Zuev, G.V., Kornichuk, J.M. & Gupal, D.K., 2000. Finding of gilt pilchard *Sardinella aurita* (Clupeidae) in the Black Sea off Crimea. Journal of Ichthyology/Voprosy Ikhtiologii vol. 40, no.2
- Boltachev, A.R., Ignatev, S.M., Kolesnikova, E.A. & Nevrova, E.L., 1999. The River Belbek in the vicinity of Sevastopol: problems related to biodiversity conservation. In: Pavlova, E.V., Shadrin N.V. (eds). The sea and coast of Sevastopol: ecosystem processes and services to the society, 247-260
- Bradova, N. & K. Prodanov, 2003. Growth rate of the whiting (*Merlangius merlangus euxinus*) from the western part of Black Sea. Proc. Institute of Oceanology-BAS, Varna, Vol.4, 157-164
- Bulgurkov, K., 1965. On the food and distribution of the turbot, *Rhombus maeoticus* (Pallas) in the southern part of the Bulgarian Black Sea coast. Proc. Institute of Fisheries - Varna, ol.VI, 99-110
- Cautis, I., 1971. Le sprat *Sprattus sprattus* du littoral roumain de la Mer Noire. Cercetari Marine 2: 51-73.
- Cautis, I., 1979. Biologie de la reproduction du chinchard de la Mer Noire. U : E. Pora ed. –

- Le Chinchard de la Mer Noire (*Trachurus mediterraneus ponticus*), Etude monographique, Deuxieme Partie, 485-508 (in Romanian)
- Cautis, I & Ionescu N., 1979. Structura populator de stavrid. U: E. Pora ed. – Le Chinchard de la Mer Noire (*Trachurus mediterraneus ponticus*), Etude monographique, Deuxieme Partie, 461-478 (in Romanian)
- Chashchin, A.K., 1993. Present state of anchovy stock and the factors determining it. In: Basic results from the comprehensive investigations of YugNIRO in the Azov-Black Sea basin and the World Ocean, 76-78 (in Russian)
- Cita, M.B., Ryan, W.F.B. & Paggi, L. 1981. Prometheus mud breccia: an example of shale diapirism in the western Mediterranean ridge. *Ann. Geol. des Pays Hell.* 3: 543-570
- Cita, M.B., Ivanov, M.K. & Woodside, J.M. 1996. The Mediterranean Mud Diapir Belt. *Mar. Geol.* 132(1/4): 1-271
- Charlou, J.L., Donval, J.P., Zitter, T., Roy, N., Jean-Baptiste, P., Foucher, J.P., Woodside J and the MEDINAUT Scientific Party 2003. Evidence of methane venting and geochemistry of brines on mud volcanoes of the eastern Mediterranean Sea. *Deep-Sea Research. Part I.* 50: 941-958
- Cociașu A., 2003. Nutrient management in the Danube basin and its impact on the Black Sea. Project DANUBS, 2003
- Dählmann, A. & de Lange, G.J., 2003. Fluid-sediment interactions at Eastern Mediterranean mud volcanoes: a stable isotope study from ODP Leg160. *Earth Planet. Sci. Lett.*, 212(3-4): 377-391.
- Dählmann A. & the Anaximander Team, 2005: Gas hydrates in the Eastern Mediterranean: occurrence and biogeochemical environment compiled from detailed sampling of the Anaximander Mountains, *Geophysical Research Abstracts*, Vol. 7, 05176
- Daskalov.G & Prodanov.K., 1994. Variability in growth of sprat (*Sprattus sprattus* L.) off Bulgarian Black sea coast with reference to the environmental changes in the Sea. *Int. Conference “Black Sea ‘94”*, Sept. 12-17, Varna, 1-10
- Daskalov G., K. Prodanov, Vl. Shlyakhov & K. Maxim, 1996. Stock assessments of sprat *Sprattus aprattus* L. In the Black Sea during 1945 – 1993 using international fishery and research data. *Proc., Institute of Fisheries – Varna*, Vol. XXIV, 67-93
- Daskalov G. & K. Prodanov, 1998. Marine environmental Conditions and fishery productivity in the Black Sea. In: Durand M.-Cury, R. Mendelssonh, C. Roy, A. Bakun & D. Pauly (Eds.). *Global vs local changes in upwelling systems*. Ed. ORSTOM, Paris: 249-262 pp.
- Daskalov G.M., 1999. Relating fish recruitment to stock biomass and physical environment in the Black Sea using generalized additive models. *Fisheries Research*, Vol.41, 1-23
- Daskalov G.M., 2002. Long-term changes in fish abundance and environmental indices in the Black Sea. *ICES Copenhagen*, CM2002/O:22, 19pp.
- Daskalov G.M., 2004. Overfishing drives a trophic cascade in the Black Sea. *Large Marine Ecosystems* (12): 171-191
- de Lange, G.J. & Brumsack, H.-J. 1998. The occurrence of gas hydrates in Eastern Mediterranean mud dome structures as indicated by pore-water composition. In: Henriot J.P., Mienert J. (Eds.) *Gas hydrates: Relevance to World Margin Stability and Climate Change*, Sp. Publ. Geological Society London, Vol.137, pp 167-175

- Dimov I., 1965. Certain quantitative correlations between the zooplankton and sprat (*Sprattus sprattus sulinus* Ant.) in the Black Sea of the Bulgarian coast. Proc., Institute of Fisheries-Varna, Vol.VI 49-62
- Dobrovolev I. & Georgiev G., 1994. Protein taxonomy of some Atherinids (Pisces, Atherinidae) from the Black Sea and the Mediterranean. Proc., Institute of Fisheries-Varna, Vol.XXIII, 36-47
- Emeis, K-Ch., Robertson A. & Richter C., 1995. Mediterranean Sea I. JOIDES Journal 21: 11-20
- Emeis, K.-C., Robertson, A.H.F., Richter C. et al., 1996. Proceedings, Ocean Drilling Program, Initial Reports, 160: College Station, TX (Ocean Drilling Program)
- Etiop, G. & Milkov, A.V., 2004. A new estimate of global methane flux from onshore and shallow submarine mud volcanoes to the atmosphere. Environmental Geology, 46(8):997-1002
- Foucher, J.-P., De Lange, G. & MEDINAUT shipboard scientific party, 1999. Submersible observations of cold seeps on Eastern Mediterranean mud volcanoes. Journal of Conference Abstracts, EUG 10, 4, 1: 254
- Holland, C.W., Etiop, G., Milkov, A.V, Mitchelozzi, E. & Favali, P. 2003. Mud volcanoes discovered offshore Sicily. Mar. Geol. 199: 1-6
- Huguen, C., Mascle, J., Chaumillon, E., Kopf, A., Woodside, J. & Zitter, T., 2004. Structural setting and tectonic control of mud volcanoes from the central Mediterranean Ridge (Eastern Mediterranean). Marine Geology, 209:245-263
- Ivanova, G., 1964. Analysis of the cost of fish caught by the Fish Center state enterprise in Varna during the 1960-1962 period and possibilities for its reduction. Proc., Institute of Fisheries-Varna, Vol.V., 129-144
- Ivanov, L. 1964. On certain peculiarities in the distribution of the Black Sea red mullet (*Mullus barbatus ponticus* ESSIPOV) along the Bulgarian coast of the Black sea and their relation to the state of stocks. Proc., Institute of Fisheries-Varna, Vol.IV, 221-235
- Ivanov, L., 1964. The dynamics of Black Sea mackerel stocks (*Scomber scombrus ponticus* ZAMBR.) migrating along the Bulgarian coast. Proc., Institute of Fisheries-Varna, Vol.V, 65-91.
- Ivanov, L., 1973. On the reproduction of the Black Sea mackerel (*Scomber scombrus* L.) Acta Biol. Jugosl., 5: 35-45.
- Ivanov, L.S. & M. Karapetkova, 1979. Dynamics of the turbot stocks (*Scophthalmus maeoticus* Pallas) in the Bulgarian shelf of the Black Sea and measures for their rational utilization. I Growth and mortality rates. II Stocks and reproduction, Hydrobiology, Sofia, 9: 3-28 (in Bulgarian)
- Ivanov, L.S. & P. Kolarov, 1979. On the relation between catches of the Danube shad (*alosa kessleri pontica*) and the solar activity. Soc. Intern. Lymnol. XIX Jublaumstagung Donauforschung. Bulg.Acad.Wiss., 389-395
- Ivanov, L.S. & Beverton R.J.H., 1985. The fisheries resources of the Mediterranean. Part two: Black Sea. FAO Studies and Reviews, 60; 135 pp.
- Ivanov, L.S. On the relation between catch, stock and production of the Black Sea sprat (*Sprattus sprattus* L.). Hydrobiology, Sofia 34:68-78 (in Bulgarian)
- Ivanov, L.S., 1990 Dynamics and exploitation of The Black Sea sprat stock. Annual report of the Institute of Fisheries- Varna, ms (in Bulgarian)
- Ivanov L.S. Direct observation and back-calculation growth of the Black Sea sprat

- (*Sprattus sprattus* L.) ms (in Bulgarian)
- Ivanov L. & K. Mikhailov, 1991. On the relation between catch, stock and production of the Black Sea anchovy (*Engraulis encrasicolus ponticus* Aleks.). *Oceanology – BAS, Sofia*, vol.20, 16-25
- Ivanov L. & G. Marinov, 1993. Dynamics of the condition factor of the Black Sea sprat (*Sprattus sprattus* L.). *Proc., Institute of Oceanology-BAS, Varna, Vol.1*, 110-117 (in Russian)
- Ivanov L. & G. Marinov, 1993. Sexual composition dynamics of *Sprattus sprattus* L., caught along the Bulgarian Black Sea coast. *Proc., Institute of Oceanology – BAS, Varna, Vol.1*, 118-125
- Ivanov L., 1994. A combined method for estimating of the stocks of sprat (*Sprattus sprattus* L.) in the Bulgarian area of the Black Sea. *Proc., Institute of Fisheries-Varna, Vol. XXII*, 105-116
- Ivanov L., 1995. The stocks of the sprat (*Sprattus sprattus* L.) in the Bulgarian zone of the Black Sea for the period 1945-1992 *Proc., Institute of Fisheries-Varna Vol. XXIII*. 5-35 (in Bulgarian)
- Ivanov L., J. Georgiev & K. Kolemanova, 1996. Dynamics of the stocks of the horse mackerel (*Trachurus mediterraneus ponticus* Aleev), migrating along the Bulgarian Black Sea coast for the period 1954-1991. *Proc., Institute of Fisheries, Vol. XXIV*, 5-27
- Ivanov L. & G. Ivanova, 1998. Catches of the Black Sea Sprat (*Sprattus sprattus* L.) with Bulgarian Ocean Fishing Trawlers. *Proc., Institute of Oceanology-BAS, Varna, Vol.2*, 178-185
- Ivanov L. & M. Panayotova, 2001. Determination of the Black Sea anchovy stocks during the period 1968-1993 by Ivanov's combined method. *Proc., Institute of Oceanology, Vol.3*, 128-154
- Ivanov L. & M. Panayotova, 2001. Assessment of the methods for back calculations of the fish growth by means of regression equations. In: Month of the science – Varna. Union of Scientists – Varna, 31.10.2001, 1-8 (in Bulgarian)
- Kamburska L., S. Moncheva, A. Konsulov, A. Krastev & K. Prodanov, 2003. The Invasion of *Beroe ovata* in the Black Sea - a warning signal for ecosystem concern. *Proc., Institute of Oceanology, Vol.4*, 111-123
- Karapetkova. M., 1957. Growth of the early stages of Turbot in the year 1956. *Proc., Institute of Fisheries-Varna, Vol.I*, 55-58
- Kolarov P., 1964. Some aspects of the changes in the age composition of the Black Sea shad (*Alosa kessleri pontica* EICH.). *Proc., Institute of Fisheries-Varna, Vol.V.*, 93-116 (In Bulgarian)
- Kolarov P., 1964. Size and age composition of bluefish (*Pomatomus saltatrix* L.) off the Bulgarian Black Sea Coast. *Proc., Institute of Fisheries-Varna, Vol. IV*, 207-220
- Kolarov, P. 1978. On certain changes in the population of *Alosa kessleri pontica* during its migration towards its reproduction areas. In: Limnology of the Bulgarian sector of the Danube, Sofia, BAS, 238-249
- Kolarov, P. 1982. On the dynamics of the Black Sea shad (*Alosa kessleri pontica* Eichw.). *Proc., Institute of Fisheries-Varna, Vol.XIX*: 35-57
- Lazorenko, G. E., Polikarpov, G. G., Boltachev, A. R., 2002. Natural radio-element polonium in the main ecological groups of fish of the Black Sea. *Biologiya morya/Marine*

- biology, Vladivostok, vol. 28, no 1, 61-65
- Kopf, A.J., 2002. Significance of mud volcanism. *Rev. Geophysics*, 40 (2): 1005
- Limonov, A.F., van Weering, T.C.E., Kenyon, N.H., Ivanov, M.K. & Meisner L.B., 1997. Seabed morphology and gas venting in the Black Sea mud volcano area: Observations with the MAK-1 deep-tow sidescan sonar and bottom profiler. *Marine Geology* 137: 121-136
- Lissovenko, L., A. Andrianov, A. Arkhipov & K. Rashev Mikhailov, 1994. On the maturation and spawning of the young-of-the-year anchovy in 1990. *Vopr. Ichtiol. (J. Ichthyol.)*, 34(2), 226-275 (In Russian)
- Loncke, L. 2002. Le delta profond du Nil: Structure et evolution depuis le Messinien. These de doctorat de l'Universite P. et M. Curie (Paris 6), Geosciences Azur: 181 pp.
- Loncke, L., Mascle, J. and the Fanil scientific party, 2004. Mud volcanoes, gas chimneys, pock-marks and mounds in the Nile deep-sea fan (Eastern Mediterranean). *Marine and Petroleum Geology*, 21:669-689
- Lykousis, V., Woodside, J., de Lange, G., Alexandri, S., Sakellariou, D., Nomikou, P., Ioakim, C., Dahlmann, A., Casas, D., Rousakis, G., Ballas, D., Kormas, K., Kioroglou, S. & Perissoratis C., 2003. Mud volcanoes and related gas hydrates in Anaximander Mountains (Eastern Mediterranean). New discoveries from the 01/May03 cruise of R/V AEGAEO (ANAXIMANDER PROJECT). OMARC conference, Paris 15-17/09 2003
- Lykousis, V., Alexandri, S., Woodside, J., Nomikou, P., Perissoratis, C., Sakellariou, D., de Lange, G., Dahlmann, A., Casas, D., Rousakis, G., Ballas, D. & Ioakim C., 2004. New evidence of extensive active mud volcanism in the Anaximander mountains (Eastern Mediterranean): The "ATHINA" mud volcano. *Environmental Geology* 46: 1030-1037
- Martino. K. & Karapettkova. M., 1957. The distribution of Turbot during the first months of the year 1955. *Proc., Institute of Fisheries-Varna, Vol. I*, 45-52
- Mascle, J., Huguen, C., Benhelil, J., Chamot-Rooke, N., Chaumillon, E., Foucher J-P., Griboulard, R., Kopf, A., Lamarche, G., Volkonskaia, A., Woodside, J. & Zitter, T. 1999. Images may show start of European-African plate collision. *EOS, Transactions, American geophysical union* 80: 37
- Maximov V. & Zaharia T., 2002. Synthesis of data and information regarding the actual status of demersal fishery in the Romanian Black Sea zone), AGRAL Bucharest, 29 pp (in Romanian)
- MEDINAUT/MEDINETH Shipboard Scientific Parties (Aloisi, G., Asjes, S., Bakker, K., Bakker, M., Charlou, J.-L., De Lange, G., Donval, J.-P., Fiala-Medioni, A., Foucher, J.-P., Haanstra, R., Haese, R., Heijs, S., Henry, P., Huguen, C., Jelsma, B., de Lint, S., van der Maarel, M., Mascle, J., Muzet, S., Nobbe, G., Pancost, R., Pelle, H., Pierre, C., Polman, W., de Senerpont Domis, L., Sibuet, M., van Wijk, T., Woodside, J. & Zitter, T.), 2000, Linking Mediterranean brine pools and mud volcanism, *Eos, Transactions, American Geophysical Union*, 81(51):625, 631-633.
- Mikhailov, K. & K. Prodanov, 1983. Approximate assessment of natural mortality coefficient in the Black Sea anchovy. *Proc., IFR., Varna, Vol.20*, 173-182.
- Mikhailov, K. & I. Dobrovolev. 1991. Population-genetic and morphometric analysis of the anchovy, *Engraulis encrasicolus* (L.) migrating in the Bulgarian Black Sea. *Proc. II Sci. Conf., Varna, 1991*. 108-116 (In Bulgarian)

- Mikhailov, K. 1992. Early sex maturation of the young-of-the-year anchovy off the Bulgarian Black Sea coast in 1987. Proc.Int.Symp. "Ecology'92", Union Sci.,24-26 Sep.,1992, 354-358
- Mikhailov, K. 1993. Aspects of reproductive biology in batch spawning fish species—contemporary state and application. Proc., 3<sup>rd</sup> Sci. Conference “Ecology, Economics and Environment of the Black Sea Region”, Varna, June 3-4<sup>th</sup>, 1993 (In Bulgarian)
- Mikhailov, K. & K. Prodanov, 1994. Preliminary data on the larval growth (daily increments) of anchovy, *Engraulis encrasicolus ponticus* (L.) off Bulgarian Black Sea coast. Int. Conf. Black Sea '94, 12-17 Sep., Coll. reprints, 27-29
- Mikhailov, K., L. Lissovenko, D.Andrianov, Y.Bulgacova & L.Oven, 2000. Reproductive patterns determining the daily rhythm of gonad changes and spawning in the Black Sea anchovy. In: Proc.,V Int. Conf. on Marine Science and Technology, 9-10 Nov, Varna, 121-125
- Mikhailov, K. & K.Prodanov, 2003. Status of demersal fish along the Bulgarian Black sea coast. Workshop on demersal resources in the Black Sea and Azov Sea. 15-17 April, Sile, Turkey (Eds. B.Ozturk, F.S.Karakulatk), 49-64
- Milkov, A, V., 2000. World-wide distribution of submarine mud volcanoes and associated gas hydrates. Marine Geology, 167 (1-2): 29-42
- Nicolaev S., 1988. Technology of trawling with small tonnage vessels in the Black Sea), IRCM, Constanta, 155 pp (in Romanian)
- Nicolaev S., 1994. Sector study regarding the management of fish resources (coastal and marine buffer zone). Environmental Management Programme of fishing for Biosphere Reserve "Danube Delta", 27 pp
- Nicolaev S., Radu G., Butoi G. & Anton E., 1994. Structure of the Romanian Black Sea fisheries, catch evolution and structural changes occurring during the last 10 years. Romanian National Report. Working Party for Fisheries, Constanta. (11-13<sup>th</sup> April)
- Nicolaev S. & G.Radu, 1995. Evolution of abundance of eggs and juveniles of anchovy (*Engraulis encrasicolus*) and horse mackerel (*Trachurus mediterraneus ponticus*) in 1990-1994 in the Romanian marine zone. National Report GESAMP, 20-24 March, Geneva, 58:84
- Nicolaev S. & G.Radu, 1995. Management Plan for aquatic resources from the Black Sea (Romanian marine zone). University of Galați.
- Nicolaev S., G.Radu, G.Butoi, Fl.Verioti & A.Gorban, 1995. Evolution, actual status and possibilities for exploitation of fishing resources from the Black Sea Romanian littoral. Session of fish aquaculture, Galați (18-22th September).
- Nicolaev S., G.Radu, A.Gorban, G.Butoi & Fl.Verioti, 1994-1995. Proposals for measures of management and protection of the living resources of main fish populations in the Rumanian littoral of the Black Sea. Cercetări marine-Marine Research. IRCM, 27-28, 297-305 (In French)
- Nikolov D., 1965. The fishing of *Sarda sarda* (Bloch) along the Bulgarian Coast during 1960-1964. Proc., Institute of Fisheries-Varna, Vol. VI, 121-135
- Olu-Le Roy, K, Sibuet, M., Gofas, S., Fiala-Medioni, A., Foucher, J.P., & Woodside, J., 2004. Cold seep communities in the deep eastern Mediterranean Sea: composition, symbiosis and spatial distribution on mud volcanoes . Deep-Sea Res (I) 51: 1915-1936
- Oven, L.S, Shevchenko, N.F., Bityukova, Y.E., Boltachev, A.P.& Panteleeva, O.V., 2001.

Size-age composition and reproductive biology of *Psetta maxima maeotica*.  
Journal of Ichthyology/Voprosy Ikhtiologii. Vol. 41, no. 8, pp. 600-605

- Panayotova M., 2001. Growth parameters of the Black Sea sprat (*Sprattus sprattus* L.) during the period 1998 – 2000 along the Bulgarian Black Sea coast. Proc., Institute of Oceanology-BAS, Varna, vol.3, 163-169
- Parcalaboiu St., 1972. Status and dynamics of turbot stocks from the Romanian shelf in front of Black Sea Romanian littoral. Ph D Thesis, University of Galati, 250pp
- Perissoratis, C., Papadopoulos G. & Zimaniths, E. 1998. occurrence of mud diapirism in the marine sector between Kos and Kalymnos islands, SE Aegean Sea : Preliminary results. Bull. Geol. Soc. Grece. V.XXXII/2 : 217-222
- Perissoratis, C., Amann, H., Meyn V., de Lange G., Kalogerakis, N., Lykousis, V., Woodside, J. & Ercilla, G., 2003. Exploring the extreme environment of the gas hydrates and the associated biosphere in the Eastern Mediterranean: The Anaximander Project. OMARC Conference, Paris, Sept. 15-17, 2003, Conf. Abstr. p.89
- Prodanov K., 1982. An Approximate estimate of the optimum level of exploitation of whiting stocks. Proc., Institute of Fisheries-Varna, Vol.XIX: 59-65. (In Bulgarian).
- Prodanov K., 1983. Reproduction, sex ratio and fecundity of whiting (*Odontogadus merlangus euxinus Nordmann*) inhabiting the Bulgarian Black Sea coastal waters. Hydrobiology, Sofia, 18:23-34 (In Bulgarian)
- Prodanov K., 1983. Biometria and size/sex variability of meristic characteristics of the Black Sea whiting. Proc., Institute of Fisheries-Varna, Vol.XX: 71-84 (In Bulgarian)
- Prodanov K. & Kolarov P., 1983. On the problem of the rational exploitation of fish populations. Proc., Institute of Fisheries-Varna, Vol. XX: 47-70. (In Bulgarian)
- Prodanov K., 1986. Condition of whiting stock of the western Black Sea area and off the Bulgarian Black Sea coast. Hydrobiology, Sofia, 27:55-65
- Prodanov K. & Konsulov A., 1987. About some factors determine the abundance of 0+ year old fish (fingerlings) of whiting off Bulgarian Black Sea coast. Hydrobiology, Sofia, 30: 44-55. In Bulgarian.
- Prodanov K., 1989. On the problem of determining the optimum value of fishing mortality coefficient (Fopt) and total allowable catch (TAC). Hydrobiology, Sofia, 34, 79-90
- Prodanov K., 1991. An attempt at an approximate evaluation of the average stock of *Merlangius euxinus* L. in the western part of the Black Sea during the 1976-1984 period. Hydrobiology, Sofia, 36, 71-84 ( In Bulgarian)
- Prodanov K., 1991. A simple model for the influence of some factors on the reproduction of fish populations. Hydrobiology, Sofia, 36: 84-93 (In Bulgarian)
- Prodanov K., K.Mikhailov & G.Daskalov, 1991. On the problem of commercial fishing influence on the abundance and biomass of mackerel (*Scomber scombrus*), bonito (*Sarda sarda*) and bluefish (*Pomatomus saltatrix*). Black Sea Symp., Istanbul, 16-18 Sept., Published by the Black sea Foundation.
- Prodanov K. & G. Daskalov, 1992. Stock assessments of sprat (*Sprattus sprattus*) along Bulgarian Black Sea coast (1976-1990). Rapp. et Proces-Verbaux des Reunions, 33: 305
- Prodanov K., Dencheva K. & Ivanov L., 1993. Biodiversity of the ichthyofauna in the Bulgarian Black Sea waters. National Biological Diversity Conservation Strategy, Sofia, 547-566. (In Bulgarian and English)

- Prodanov K. & Daskalov G., 1995. Stock assessment of whiting (*Merlangius merlangus euxinus* Nordmann) along the Bulgarian Black Sea coast during 1976-1993. Rapp. et Proces-Verbaux des Reunions. CIESM, 34.
- Prodanov K., Mikhailov, K., Daskalov, G., Maxim, C., Chashchin, A., Arkhipov, A., Shlyakhov, V. & Ozdamar, E., 1997. Environmental management of fish resources in the Black Sea and their rational exploitation. Studies and Reviews. General Fisheries Council for the Mediterranean. No. 68. Rome, FAO. 178p
- Prodanov K., K. Mikhailov, G. Daskalov, A. Chashchin, A. Arkhipov, V. Shlyakhov & E. Ozdzmar, 1997. Environmental impact on fish resources in the Black Sea. "Sensitivity to Change: Black Sea, Baltic Sea and North Sea. NATO ASI Series, 2. Environment-Vol. 27, 163-181
- Prodanov K., Dencheva. K. & Ivanov. L., 1998. Fish of the Bulgarian coastal waters. Biodiversity support program, Volumes I and II, 375-393 (In Bulgarian and in English)
- Prodanov, K.B., M.D. Stoyanova & K.R. Mikhailov, 1998. Stock-recruitment relationships of the Black Sea anchovy and possibilities for their use in determining the target (TRPs) and limit reference points (LRPs), 34-53. In: Proc., 1<sup>st</sup> Int. Symp. on Fishery & Ecology, Sep. 2-4, 1998, Trabzon, Turkey.
- Prodanov, K., G. Daskalov, K. Mikhailov, K. Maxim, E. Ozdamar, V. Shlyakhov, A. Chashchin & A. Arkhipov, 1998. Stock assessment of sprat and whiting in the Western Black Sea and the in relation to some global and local anthropogenic factors. In: Durand M.-H., Ph. Cury, R. Mendelssonh, C. Roy, A. Bakun D. Pauly (Eds.). Global vs local changes in upwelling systems. Ed. ORSTOM, Paris: 345-358 pp.
- Prodanov K.B. & M.D. Stoyanova, 1999. Monograph: "Sustainable development and utilization of the marine living resources". "Steno", Varna, 325 pp. (In Bulgarian)
- Prodanov K.B. & M.D. Stoyanova, 2000. Monograph: "Biological resources of the World Ocean". "Steno", Varna, 335 pp. (In Bulgarian)
- Prodanov K., Moncheva S., Konsulov A., Kamburska L., Konsulova Ts. & Dencheva K., 2000. Recent ecological trends along the Bulgarian Black Sea coast. *Oceanology*, v.3, 87-114
- Prodanov K.B. & M.D. Stoyanova, 2001. Stock assessments of the Black sea anchovy during the period 1979-1993. *Mediterranean Marine Science*, Vol.2/2, Athens, Greece, 7-15 pp.
- Prodanov K. & N. Bradova, 2003. Stock Assessment of the Whiting (*Merlangius Merlangus*) in the Western Part of the Black Sea During 1971-1997. *Proc.*, Institute of Oceanology Vol.4, 149-156 pp
- Raykov. V & V. Mihneva, 2005. Investigations on *Sprattus sprattus* population dynamics related to its trophic base and climate changes over the period 1996-2004 in the Bulgarian waters of the Black Sea. *Int. Symp.*, B.E.N.A.22-26.06., Mangalia, Romania
- Radu G., S. Nicolaev, Fl. Veriotti & E. Radu. 1996-1997. Structure of fish catches at the Romanian Black Sea littoral in 1950-1995. *Cercetări Marine - Recherches marines*, IRCM, 29-30: 241-273
- Radu G., S. Nicolaev & E. Radu, 1996-1997. Geographical distribution and biomass assessment of the ctenophore *Mnemiopsis leidyi* and jelly-fish *Aurelia aurita* at the Romanian Black Sea Littoral in 1991-1995. *Cercetări Marine-Recherches marines*, IRCM, 29-30: 229-239



- Radu G., 2001. Study of potential of economically important fish resources from the Romanian Black Sea littoral in the circumstances of evolution of ecological factors and elaboration of recommendations regarding the sustainable management. Ph. D Thesis. Universitatea "Dunărea de Jos", Galați, 2001, 193pp.
- Radu E. & G. Radu, 2002. Structure et dynamique des communautés ichtyoplantoniques du littoral roumain pendant la période 1995-2000. *Recherches marines*, 34: 113-130
- Radu E., G. Radu, I. Staicu, E. Anton & V. Maximov, 2003. Evolution of reproduction and completion for main fish species from Romanian marine area in the period 1995-2002. National Symposium with International Participation "Protection and sustainable management of the Black Sea ecosystem, imperative of the 3<sup>rd</sup> Millennium", INCDM "Grigore Antipa", Constanta, 9-11 October.
- Raykov V. & Yankova M., 2005. Biometric properties of the Sprat (*Sprattus sprattus* L.) off the Bulgarian Black sea coast. *Journal of Fisheries and Aquatic Sciences* (In press)
- Robertson, A., & Woodcock, N., 1980. Strike-slip related sedimentation in the Antalya Complex, SW Turkey. Special Publication, International Association of Sedimentologists 4: 127-145
- Robertson, A.H.F. & Shipboard Scientific Party, 1996. Mud volcanism on the Mediterranean Ridge. In: Emeis, K.-C., Robertson, A.H.F. & Richter C. et al (eds). Proc., Ocean Drilling Program, Initial Reports, 160: 521-526
- Robertson, A.H.F. & Kopf, A., 1998. Tectonic setting and processes of mud volcanism on the Mediterranean Ridge accretionary complex: evidence from Leg 160. In: Robertson, A.H.F., Emeis, K.-C., Richter, C. & Camerlenghi, A. (Eds.): Proc., Ocean Drilling Program, Scientific Results, 160: 665-680
- Salas, C. & Woodside, J.M., 2002. *Lucinoma kazani* n. sp. (Mollusca: Bivalvia): evidence of a living benthic community associated with a cold seep in Eastern Mediterranean Sea. *Mar. Geol.*, 49: 991-1005
- Shlayakhov V. A., Chashchin A. & Korkosh N.I., 1990. Fishing intensity and dynamics of the Black Sea anchovy stock. Coll. Reprint of VNIRO, 80-92 (In Russian)
- Shlayakhov V. A. & Alekseev O.I., 1993. Stock condition and reproduction efficient of Russian sturgeon in the North-Western part of the Black Sea. Basic results of the comprehensive investigations of YugNIRO in the Azov-Black Sea basin and in the World Ocean, 78-83 (In Russian)
- Soloviev, V.A., 2002. Global estimation of gas content in submarine gas hydrate accumulations. *Russian Geol and Geophysics*, 43(7): 648-661
- Stoyanov S., 1960. The state of the stock of the pontic sprat caught along the Bulgarian Black Sea coast in the periods 1945-1950 and 1955-1959. Works of the Res. Institute of Fisheries and Oceanography -Varna, III: 1-39 (in Bulgarian)
- Stoyanov S., 1962. On Lee's phenomenon and the empirical relationship between fish length and otolith size in the Black Sea anchovy (*Engraulis encrasicolus*). Proc., Institute of Fisheries and Oceanography -Varna, Vol. II, 121-144
- Stoyanov S., 1965. Dynamics of the Black Sea sprat stock. Proc., Institute of Fisheries and Oceanography -Varna, Vol.VI: 21-48 (in Bulgarian)
- Stoyanov S., 1966. Reproduction and modeling of the Black Sea sprat stocks (*Sprattus sprattus sulinus Antipa*). Proc., Institute of Fisheries and Oceanography-Varna, Vol.VII: 135-157 (in Bulgarian)
- Stoyanov S., 1967. Biological characteristics of the anchovy (*Engraulis encrasicolus*

- ponticus* Aleks.) caught off the Bulgarian Black Sea coast during 1961-1966. ). Proc., Institute of Fisheries and Oceanography-Varna, Vol.VIII:5-38 (in Bulgarian) Oceanography-Varna, VII: 135-157 (in Bulgarian)
- Stoyanov S., 1978. On the reproduction of the Black Sea sprat and their control. *Comptes rendus de l'Academie Buklgare des Sciences*, 33 (8):1107-1109
- Stoyanov S., 1980. On the long-term prognosis of the Black Sea sprat reproduction. *Comptes rendus de l'Academie Buklgare des Sciences*, 33 (9):1223-1225
- Stoykov. St. & K. Prodanov, 1984. On the diet of whiting *Odontogadus merlangus euxinus* of the Bulgarian Black Sea coast. Proc., Institute of Fisheries-Varna, Vol. XXI, 143-148
- Ten Veen, J., Woodside, J., Zitter, T., Dumont, J., Mascle, J. & Volkonskaia A., 2004. Neotectonic evolution of the Anaximander Mountains at the junction of the Hellenic and Cyprus arcs. *Tectonophysics*, 391: 35-65
- Tsarin, S.A., Zuev, G.V. & Boltachev, A.R., 1999. The growth of Pacific mullet *Mugil so yui* Basilevsky, 1855 (Mugilidae, Pisces): a review. *Ehkologiya Morya/Marine ecology*, Vol. 48, pp. 68-72
- Vermeesch, P., Van Geet, M., Herniet, J.P., Ivanov, M. & Swennen, R., 2001. Petrography and stable isotope geochemistry from a recently sampled carbonate crust from the Gulf of Cadiz. *IOC Workshop Report no 175*: 62-63
- Volkonskaia A., 2002. The Florence Rise, the western bend of the Cyprus Arc. *Marine Geology* 185: 177-194
- Volgin, A.V. & Woodside, J., 1996. Side-scan sonar images of mud volcanoes from the Mediterranean Ridge: possible causes of variation in backscatter intensity. *Marine Geology* 132:39-53
- Woodside J., 1996. Neotectonic Deformation of the Anaximander Mountains observed from EM12D multibeam data. In: *Sedimentary Basins of the Mediterranean and Black Seas*. TTR, 4th Post-Cruise Meeting, UNESCO Report, pp. 11-12
- Woodside, J.M., Ivanov, M.K. & Limonov, A.F., 1997. Neotectonics and fluid flow through the seafloor sediments in the Eastern Mediterranean and Black Seas. Part I: Eastern Mediterranean Sea. *IOC technical series 48*: 1-128
- Woodside, J.M., Ivanov, M.K., Limonov, A.F. and shipboard scientists of the Anaxiprobe expeditions, 1998. Shallow gas and gas hydrates in the Anaximander Mountains region Eastern Mediterranean Sea. In: Henriet J.P., Mienert J. (Eds.) *Gas hydrates: Relevance to World Margin Stability and Climate Change*, Sp Publ 137 Geological Society, London, pp 177-193
- Woodside, J., Mascle, J., Zitter, T., Limonov, A., Ergun, M. Woodside, J., Ivanov, M. & Limonov, A., 1998. Shallow gas and gas hydrates in the Anaximander Mountains region, eastern Mediterranean sea. In: Henriet, J.P., Mienert, J. (Eds.), *Gas Hydrates, Relevance to World Margin Stability and Climate Change*, Spec. Publ.-Geol. Soc London, p.177-193
- Woodside, J.M., Mascle, J. & MEDINAUT shipboard scientific party, 1999. Submersible observations of tectonic control of Eastern Mediterranean mud volcanism and fluid seeps. *Journal of Conference Abstracts, EUG 10, 4, 1*: 254
- Woodside, J., Mascle, J., Huguen, C. & Volkonskaia A., 2000. The Rhodes Basin, a post Miocene tectonic trough. *Marine Geology*, 165/1-4:177-194
- Woodside, J.M., Modin, D.I., & Ivanov, M.K., 2003. An enigmatic strong reflector on subbottom profiler records from the Black Sea – the top of shallow gas hydrate

deposits. *Geo-Marine letters*, 23(3/4):269-277

Yankova M. & Raykov V., 2005. Morphological properties of Horse mackerel, *Trachurus mediterraneus ponticus* Aleev (Osteichthyes: CARANGIDAE) from the Black Sea. *Turkish Journal of Fisheries and Aquatic Sciences* (In press)

Zitter, T.A.C., Huguen, C. & Woodside, J.M., 2005. Geology of mud volcanoes in the Eastern Mediterranean from combined sidescan and submersible surveys. *Deep-Sea Research*, 52(3): 457-475

Zitter, T.A.C., 2004. Mud volcanism and fluid emissions in Eastern Mediterranean neotectonic zones. PhD Thesis, Vrije University, ISBN 90-9017859-7, 140 p.

Zitter, T., Woodside, J. & Mascle, J., 2003. The Anaximander Mountains: a clue to the tectonics of Southwest Anatolia. *Geological Journal*, 38: 357-394

Zuev, G.V. & Boltachev, A.R., 1998. Some features of the life cycle of the Pacific mullet *Mugil so-iyu* Basilewsky, 1855, near the western coast of Crimea. *Ehkologiya morya*. Kiev, vol. 47, 29-33

Zuev, G.V., Gaevskaya, A.V., Kornijchuk, Yu.M. & Boltachev, A.R., 1999. On the inter-species differentiation of Black Sea sprat (*Sprattus sprattus phalericus*) near the Crimean coast (preliminary report). *Ehkologia morya/Marine ecology*, Vol. 49, 10-16

Zuev, G.V., Boltachev, A.R. & Gutsal, D.K., 2000. Inter-species structure of sprat (*Sprattus sprattus phalericus*) in the north-western part of the Black Sea. *Marine ecology/Ekologiya moray*, Kiev, Vol. 50, 8-14

Zuev, G.V. & Boltachev, A.R., 2001. On inter-species structure of Black Sea sprat (*Sprattus sprattus phalericus*). Study notes of Tavrick National University/Uchenye Zapiski Tavricheskogo Natsional'nogo Universiteta/, Vol. 14 (53), 67-72

## REPORTS

### **TTR-1 cruise report:**

**Geological and geophysical investigations in the Mediterranean and Black Seas. Initial results of the "Training through Research" Cruise of RV Gelendzhik in the Eastern Mediterranean and the Black Sea, June-July 1991.- UNESCO Reports in Marine Science, no 56.**

### **TTR-3 cruise report:**

**Limonov A.F., Woodside J.M. & Ivanov M.K. (Eds.) 1994. Mud volcanism in the Mediterranean and Black Seas and shallow structure of the Eratosthenes Seamount. Initial results of the geological and geophysical investigations during the Third UNESCO-ESF "Training-through-Research" Cruise of RV Gelendzhik (June-July 1993). UNESCO reports in marine science, no 64. 173pp.**

### **TTR-5 cruise report:**

**Ivanov M.K., Limonov A.F. & Cronin B.T. (Eds.) 1996. Mud volcanism and fluid venting in the eastern part of the Mediterranean Ridge. Initial results of geological, geophysical and geochemical investigations during the Fifth UNESCO-ESF "Training-through-Research" Cruise of R/V Professor Logachev (July-September 1995). - UNESCO Reports in Marine Science, no 68.**

**TTR-6 cruise report:**

**Woodside J.M., Ivanov M.K. & Limonov A.F. (Eds.) 1997. Neotectonics and fluid flow through seafloor sediments in the Eastern Mediterranean and Black Seas – Part I and II. IOC Technical Series No 48, UNESCO.**

**TTR-11 cruise report:**

**Kenyon N.H., Ivanov M.K., Akhmetzhanov A.M. & Akhmanov G.G. (Eds.) 2002. Geological processes in the Mediterranean and Black Seas and North East Atlantic. IOC Technical Series No. 62, UNESCO, 89 pp.**

**1994. Recent Marine Geological Research in the Mediterranean and Black Seas through the UNESCO/TREDMAR Programme and its "Floating University" Project, Abstracts of 2nd post-cruise meeting, Free University, Amsterdam, 31 January - 4 February 1994. MARINF/94, UNESCO, June 1994**

**1995. Deep-Sea Depositional Systems and Mud Volcanism in the Mediterranean and Black Seas through the UNESCO/ESF joint Training-through-Research programme and the "Floating University" project. Abstracts of the 3rd post-cruise meeting, Cardiff University of Wales, UK, 30 January - 3 February 1995. MARINF/99, UNESCO, July 1995.**

**1996. Sedimentary Basins of the Mediterranean and Black Seas. Abstracts of the 4th Post-Cruise Meeting Training-through-Research programme. Moscow and Zvenigorod, Russia, 29 January - 3 February 1996. MARINF/100, UNESCO, April 1996.**

**1997. Gas and Fluids in Marine Sediment: Gas Hydrates, Mud Volcanoes, Tectonics, Sedimentology and Geochemistry in Mediterranean and Black Seas. Fifth Post-Cruise Meeting of the Training Through Research Programme and International Congress. Amsterdam, the Netherlands, 27-29 January 1997. UNESCO/Intergovernmental Oceanographic Commission, Workshop Report No.129.**

**1998. Geosphere-biosphere Coupling: Carbonate Mud Mounds and Cold Water Reefs. International Conference and Sixth Post-Cruise Meeting of the Training Through Research Programme. Gent, Belgium, 7-11 February 1998. UNESCO/Intergovernmental Oceanographic Commission, Workshop Report No.143**

**Comas M.C. & Akhmanov G.G. (Eds.) 2000. Geological Processes on European Continental Margins. International Conference and Eighth Post-Cruise Meeting of the Training-Through-Research Programme. Granada, Spain, 31 January – 3 February 2000. UNESCO/Intergovernmental Oceanographic Commission, Workshop Report No.168, 32 pp.**

**Akhmanov G. & Suzyumov A. (Eds.) 2001. Geological Processes on Deep-water European Margins. International Conference and Ninth Post-Cruise Meeting of the Training-Through-Research Programme. Moscow-Mozhenka, Russia, 28 January – 2 February 2001. UNESCO/Intergovernmental Oceanographic Commission, Workshop Report No.175, 76 pp.**

**Marani M., Akhmanov G. & Suzyumov A. (Eds.) 2003. Geological and biological processes at deep-sea European margins and oceanic basins. International Conference and Eleventh Post-Cruise Meeting of the Training-Through-Research Programme. Bologna, Italy, 2-6 February 2003. UNESCO/Intergovernmental Oceanographic Commission, Workshop Report No.187, 32 pp.**

**2005. Geosphere-Biosphere coupling processes: the TTR interdisciplinary approach towards studies of the European and North African margins. International Conference and Post-Cruise Meeting of the Training-Through-Research Programme. Marrakech, Morocco, 2-5 February 2005. UNESCO/Intergovernmental Oceanographic Commission, Workshop Report No.197**