

5.

5 .

5 .1. Poort, J., A. Vassilev, **L. Dimitrov**, 2005. Did Postglacial Catastrophic Flooding Trigger Massive Changes in the Black Sea Gas Hydrate Reservoir? *Terra Nova*, 17(2): 135–140. doi: 10.1111/j.1365-3121.2005.00599.x (**IF: 2.214**)

5 .2. De Boever, E., R. Swennen, L. Dimitrov, 2006a. Lower Eocene carbonate cemented chimneys (Varna, NE Bulgaria): Formation mechanisms and the (a)biological mediation of chimney growth? *Sedimentary Geology*, 185 (2006): 159–173, doi:10.1016/j.sedgeo.2005.12.010 (**IF: 4.732**)

5 .3. De Boever, E., Swennen, R., **Dimitrov, L.** 2006. Lower Eocene carbonate-cemented "chimney" structures (Varna, Bulgaria): Control of seepage rates on their formation and stable isotopic signature. *Journal of Geochemical Exploration*. 89: 78-82, doi: 10.1016/j.gexplo.2005.11.028. (**IF: 2.464**)

5 .4. Poort, J., Kutas, R.I., Klerkx, J., **Dimitrov, L.**, Vassilev, A., Beaubien, S., Lombardi, S., and Naudts, L., 2007. Strong Heat Flow Variability in an Active Shallow Gas Environment, Paleo-Dnepr, Black Sea. *Geo-Marine Letters*. Vol. 26(5/6): 1248-1253. doi: 10.1007/s00367-007-0072-4 (**IF: 1.716**)

5 .5. De Boever, E., M. Huysmans, P. Muchez, **L. Dimitrov**, R. Swennen, 2009a. Controlling factors on the morphology and spatial distribution of hydrocarbon-related tubular concretions – Case study of an Early Eocene seep system. *Marine and Petroleum geology*. 26:1580-1591. doi:10.1016/ j.marpetgeo.2008.11.004. (**IF: 3.483**)

5 .6. De Boever, E., Birgel, D., Thiel, V., Muchez, Ph., Peckmann, J., **Dimitrov, L.**, Swennen, R., 2009. The formation of giant tubular concretions triggered by anaerobic oxidation of methane as revealed by archaeal molecular fossils (Lower Eocene, Varna, Bulgaria). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 280: 23-36. doi:10.1016/j.palaeo.2009.05.010. (**IF: 4.732**)

5 .7. De Boever, E., Ph. Muchez, R., Swennen, **L. Dimitrov**, 2011. Evolution of deformation and fault-related fluid flow within an ancient methane seep system (Eocene, Varna, Bulgaria). *Geofluids* v. 11, 2: 166–183. doi:: 10.1111/j.1468-8123.2011.00328.x (**IF: 2.687**)

5 .8. De Boever, E., D. Birgel, Ph. Muchez, J. Peckmann, **L. Dimitrov**, Swennen, R., 2011a. Fabric and formation of grapestone concretions within an unusual ancient methane seep system (Eocene, Bulgaria), *Terra Nova*, 23: 56–61, doi: 10.1111/j.1365-3121.2010.00984.x (**IF: 2.214**)

5 .9. Andreeva, N., N. Valchev, B. Prodanov, P. Eftimova, I. Kotsev, **L. Dimitrov**. 2017, Assessment of coastal receptors' exposure and their vulnerability to flood hazard along Varna

regional coast. *Proceedings of the 35th International Conference on Coastal Engineering*, ISBN:978-0-9896611-3-3, ISSN:2156-1028, DOI:<https://doi.org/10.9753/icce.v35.management.8;> **(IF:3,404)**

5 .10. Eftimova, P., Valchev, N., Andreeva, N., Prodanov, B., **Dimitrov, L.** 2017, Calculation of maximum wave run-up at Varna regional coast (Western Black Sea) using empirical models. Proceedings of the 35th International Conference on Coastal Engineering, ISBN:978-0-9896611-3-3, ISSN:2156-1028, DOI:<https://doi.org/10.9753/icce.v35.management.17> (**IF:3,404**)

5 .11. Prodanov, B., **L. Dimitrov**, N. Andreeva, S. Keremedchiev. 2017, Geomorphological setting of the coastal zone between cape Galata and cape Paletsa, Bulgaria Black Sea. Comptes rendus de l'Academie bulgarie des Sciences, v.70: 8, 1137-1142. ISSN:1310–1331, SJR:0.207, ISI (IF: 0.251)

5 .12. Xu, Cuiling, Greinert, J., **Dimitrov, L. D.**, Haeckel, M., Bialas, J., Zhao, G. 2018, The Character and Formation of Elongated Depressions on the Upper Bulgarian Slope. *Journal of Ocean University of China*, 17, Springer Nature, ISSN:1672-5182, 305-321. ISI (IF: 0.601) accepted

5 .13. 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*, ISI (IF: 2.176)

5 . ()

5 .14. De Boever, E., **L. Dimitrov**, P. Muchez, R. Swennen, 2008. The Pobiti Kamani area (Varna, NE Bulgaria) - study of a well-preserved paleo-seep system. *Review of the Bulgarian Geological Society*, vol. 69, part 1-3, 2008, p. 61-68.

5 .15. , , : , : , , , 2011. a

2010

- , ISSN: 1313-0889, . 588-592.

5 .16. Kotsev, I., S. Keremedchiev, E. Trifonova, V. Todorova, **L. Dimitrov**, N. Andreeva, P. Eftimova, 2012. Mapping of the sublittoral substrates as a basis for the identification of NATURA'2000 habitat types 1110 and 1170 in the Bulgarian Black Sea. *Proceedings of the 2nd European SCGIS conference "Best practices: Application of GIS technologies for conservation of natural and cultural heritage sites"*, pp. 31-38.

5 .17. Prodanov, B., I. Kotsev, St. Keremedchiev, V. Todorova, **L. Dimitrov**, 2013. Initial assessment of the technogenic pressure in the mediolittoral zone of the Bulgarian Black Sea coast. In *Proceedings of the 2nd European SCGIS conference "Conservation of Natural and Cultural Heritage for Sustainable Development: GIS-based Approach "*, September 24th, 2013, Sofia, Bulgaria, pp. 4-13 (<http://proc.segis.scgisbg.org/index2014.html>)

5 .18. Kotsev, I., Prodanov, B., Dimitrov, L., 2014. Marine landscape studies – what is the state of the science? Emergence, definition of core ideas and scientific development from the late XIX century until the late XX century. *Proceedings of the Twelfth International Conference on Marine Sciences and Technologies Black Sea ‘2014*, pp. 259-263. ISSN 1314-0957

5 .19. Prodanov, B., Kotsev, I., **Dimitrov, L.**, 2014. Seascape-based Modeling of Benthic Habitats Spatial Distribution. Case Study: Ayren Plateau Sublittoral Zone, Bulgarian Black Sea. In

Proc. 12th Int. Conference on Marine Science and Technology "Black Sea" 2014, Varna, pp. 196-201.,ISSN 1314-0957

- 5 .20. , .. , .., 2015.
- “ , . 58, . I, , ISSN: 0387-5467, . 67-72.
- 5 .21. , .. , .., 2015.
- “ , . 58, . I, ISSN: 0387-5467, . 73-82.
- 5 .22. Todorova, V., **Dimitrov, L.**, Doncheva, V., Trifonova, E., Prodanov, B., 2015. Benthic Habitat Mapping in the Bulgarian Black Sea. In *Proceedings of 12th Int.l Conference on the Mediterranean Coastal Environment (MEDCOAST 2015)*,v.1, pp. 251-262, ISBN:978-605-85652-4-1
- 5 .23. , .. , .., 2016,
(. . . .).
“ , . 59, 1, “ , . ” , . ” , . 99-104
, ISSN:1312-1820,
- 5 .24. , .. , .., 2016,
“ , . ” , . ” , . ” , . 59, . I,
, ISSN:1312-1820, 124-128
- 5 .25. Boero N. (...),V. Todorova, **L. Dimitrov**, P. Ivanova, M. Panayotova, V. Doncheva, I. Kotsev, B. 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), Vol.6 Suppl.2016, CASPUR-CIBER Publishing, <http://caspur-ciberpublishing.it>, ISSN:2239-4303, DOI:10.2423/i22394303v6SpI, 1-95
- 5 .26. , .. , .., 2017,
. *Proceedings of the V International Scientific and Technical Conference "Geology and Hydrocarbon Potential of the Balkan-Black Sea Region"*, .71-79 ISBN:978-619-90939-0-0
- 5 .27. , .. , .., 2017,
“ , . 63-70 ISBN:978-619-90939-0-0
- 5 .28. Kuznetsova, O., Saprykina, Ya., Shtremel, M., Kuznetsov, S., Korzinin, D., **Trifonova, E., Andreeva, N., Valchev, N., Prodanov, B., Eftimova, P., Lambev, T., Dimitrov, L.**. Dynamics of sandy beach in dependence on wave parameters. *Proc. of 17th International Congress of the International Maritime Association of the Mediterranean (IMAM'2017)*, 2, Taylor & Francis Group, 2017, ISBN:978-0-8153-7993-5, 1075-1079

5B.1. Dimitrov, L., J. Klerkx, R. Hristova, A. Vassilev, 2004. Sorokin Trough: indications of gas hydrate occurrences and mud volcano activity (hints of shallow geology observations). International Conference "*Methane seepage, mud volcanoes and gas hydrates in the Black Sea*", February 6-7, 2004, Kiel, Germany.

5B.2. Dimitrov, L., P. Lazarov, C. Konsulova, V. Doncheva, 2004. The Black Sea: peculiarities & some ecological issues. International Conference "*Economical and policy issues on environmental Research and sustainable development of the Balkan countries*", April 16-19, 2004, Split, Croatia.

5B.3. De Boever, E., R. Swennen, L. Dimitrov, 2004. Carbonate chimneys in the Eocene deposits (Varna NE-Bulgaria). *23rd IAS Meeting of Sedimentology*, September 15-17, 2004, Coimbra, Portugal.

5B.4. Dimitrov, L., 2004. Black Sea gas seepage and venting structures and the CRIMEA Project: main goals and first results. International Conference "*Acoustical Methods in Monitoring Physical and Biological Processes in Seas*" October 6-9, 2003, Sopot, Poland.

5B.5. Dimitrov, L. 2004. Seismic stratigraphy of Quaternary sediments on the Western Black Sea Shelf. International Conference "*Assesment of the Black Sea sedimentary system since the last Glacial Extreme*", October 22-24, 2004, Varna, Bulgaria.

5B.6. Dimitrov, L. 2004. Natural Gases in the Black Sea Environment. *EUROSEISMIC Closing Meeting*, November 18-19, Paris, France.

5B.7. Dimitrov, L., R. Hristova, A. Vassilev, 2005. Gas hydrates in active mud volcanoes in the Sorokin Trough, Black Sea. *Second annual open CRIMEA meeting*, February 05-10, Spoleto, Italy (abstract; talk).

5B.8. Lericolais G., I. Popescu, J.P. Foucher, H. Nouzé, A. Vassilev, L. Dimitrov and G. Ion, 2005. BSRs and geothermal field observations in the north-western Black sea. International workshop on "*Methane in sediments and water column of the Black Sea: formation, transport pathways and the role within the carbon cycle*", 17-20 May 2005, Sevastopol, Ukraine.

5B.9. Klerkx J., Sv. Kolobova, L. Dimitrov, N.N. Dobretsov, R. Yusupov, 2005. Characteristics and possibilities of the database of the project CRIMEA. International workshop on "*Methane in sediments and water column of the Black Sea: formation, transport pathways and the role within the carbon cycle*", 17-20 May 2005, Sevastopol, Ukraine.

5B.10. Dimitrov, L., R. Hristova, A. Vassilev, N. Marinkova, 2005. Gas hydrate distribution and mud volcano activity in the Sorokin Trough, Black Sea. *8th Conference "Gas in marine sediments"*, 4-10 September, Vigo, Spain.

5B.11. De Boever E., L. Dimitrov and R. Swennen, 2005. Eocene Carbonate Chimneys of Pobiti Kamani (NE Bulgaria): Bubbling Reefs? *8th Conference "Gas in marine sediments"*, 4-10 September, Vigo, Spain.

5B.12. Yusupov R., Boldyrev I., Dobretsov N.N., Klerkx J., Kolobova Sv., Dimitrov L. and De Batist M., 2006. Functionalities for data processing and visualization within a database, as a tool for environmental purposes (monitoring). *5th European Congress on Regional Geoscientific Cartography and Information Systems*, June 13 -16, 2006. Barcelona, Catalonia, Spain

5B.13. Dimitrov, L., 2007. Black Sea – continuously growing interest for research of gas seepage and venting structures. *ESONET Kick-off Meeting*, March 21-23, Brest.

5B.14. Dimitrov, L., 2007. Black Sea – A Promising ESONET Target. *ESONET All Regions Workshop*, September 5-7, Barcelona, Spain.

5B.15. De Boever, E., Swennen, R., **Dimitrov, L.**, 2007. Sedimentology and Timing of Hydrocarbon-seepage (Lower Eocene, Varna, Bulgaria). *AAPG and AAPG European Region Conference*, November 18-21, 2007, Athens, Greece.

5B.16. De Boever, E., Birgel, D., Swennen, R., Peckmann, J., Muchez, Ph., **Dimitrov, L.** 2008. Hydrocarbon-related calcite cementation in tubular concretions - an integrated approach (Lower Eocene, Varna, Bulgaria) *Schriftenreihe der Deutschen Gesellschaft für Geowissenschaften, 26th IAS Meeting of Sedimentology*, Bochum, Germany, 1-3 September 2008 58 86-86

5B.17. De Boever, E., L. Dimitrov, P. Muchez, R. Swennen, 2008. The Pobiti Kamani area (Varna, NE Bulgaria) - study of a well-preserved paleo-seep system. *Review of the Bulgarian Geological Society*, vol. 69, part 1-3, 2008, p. 61-68.

5B.18. De Boever, E., M. Huysmans, Ph. Muchez, **L. Dimitrov**, R. Swennen, 2009. Possible controlling factors on the spatial distribution of methane-related tubular concretions – Case study of an Early Eocene seep system. Int. Workshop on “*Geological and bio(geo)chemical processes at cold seeps - Challenges in recent and ancient systems*”. Sept. 28-30, 2009, Varna, Bulgaria.

5B.19. De Boever, E., D. Birgel, Ph. Muchez, J. Peckmann, **L. Dimitrov**, R. Swennen, 2009. Spheroidal sandstone concretions as part of an ancient seep system (Eocene, Bulgaria). Int. Workshop on “*Geological and bio(geo)chemical processes at cold seeps - Challenges in recent and ancient systems*”. Sept. 28-30, 2009, Varna, Bulgaria.

5B.20. De Boever, E., Birgel, D., Muchez, Ph., Peckmann, T., **Dimitrov, L.**, Swennen, R. 2009. Spheroidal sandstone concretions. Their formation and significance in an Eocene seep system (Bulgaria) *Geochimica et Cosmochimica Acta*, 19 Annual VM Goldschmidt Conference "Challenges to Our Volatile Planet", 21-26 June, 2009. Davos, Switzerland, 73 A271-A271 9531.

5B.21. **Dimitrov, L.** and V. Doncheva, 2009. Seismic Stratigraphy of Quaternary Sediments on the Western Black Sea Shelf. Proceedings of 2nd International Symposium on the “*Geology of the Black Sea Region*”, October 5-9, 2009. Ankara, Turkey. p. 52 - 54. ISBN 978-9944-89-784-6

5B.22. **Dimitrov, L.** 2010. New data on gas seepages offshore Bulgaria, Black Sea. 10th Conference on “*Gas in Marine Sediments*”, 6-12 September, 2010, Listvyanka, Russia.

5B.23. **Dimitrov, L.**, E. Borisova, V. Doncheva, 2011. Some results from multi-beam scanning of the Bulgarian shelf concerning underwater heritage. *International Conference “Archaeology and predictive modeling”*, 26-30 May, 2011, Ahtopol, Bulgaria.

5B.24. Kotsev I., S. Keremedchiev, E. Trifonova, V. Todorova, **L. Dimitrov**, N. Andreeva, P. Eftimova, 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, European SCGIS Conference with International Participation Best practices: Application of GIS technologies for conservation of natural and cultural heritage sites, May 21-23, 2012, Sofia, Bulgaria

5B.25. **Dimitrov, L.**, De Boever, E., Swennen, R., 2013. Origin and development of the geological phenomenon of Pobiti Kamani (NE Bulgaria). *International Conference “Archaeology and predictive modeling”*, Ahtopol, Bulgaria, 6-9 December, 2013,

5B.26. **Dimitrov, L.**, R. Hristova, A. Vassilev, N. Marinkova, 2005. Gas hydrate occurrences and mud volcano activity in the Sorokin Trough, Black Sea. *EGU General Assembly*, 24-29 April 2005, Vienna, Switzerland.

5B.27. De Boever, E., Swennen, R., Muchez, Ph., Vangelov, D., **Dimitrov, L.** 2007. The formation of the Pobiti Kamani tubular concretions. Diagenetic products of HC-related fluid flow

(Varna, Bulgaria). *The Oceans in the Earth System*, International Conference and 97th Annual Meeting of the Geologische Vereinigung e.V., 1-5 October 2007, Bremen, Germany, 52-53

5B.28. De Boever E., M. Huysmans, **L. Dimitrov**, P. Muchez, R. Swennen, 2008. Controlling factors on the morphology and spatial distribution of hydrocarbon-related tubular concretions – study of a Lower Eocene seep system. 9th Conference “Gas in marine sediments”, 9-12 September, Bremen, Germany.

5B.29. De Boever, E., Swennen, R., **Dimitrov, L.**, Muchez, Ph. 2011. A synthetic model for the evolution of an Early Eocene seep system (Varna, Bulgaria). *Poster presentation at the 28th IAS meeting in Sedimentology*, 4 – 8 July 2011, Zaragoza, Spain.

5 .

5 . 1. 2014 .

,	-1	-2“	:	-		
1.	,	.., ..	,	”	1	2
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				59	.
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					1:1000	59

5 . 2. 2013 .

“	2D	3D	“	»
			: OMV Offshore Bulgaria GmbH	
,	..,, ..	,	, 2013. Health Safety and
				Environmental Impact Assessment for 2D and 3D Seismic Survey in Block 1-21 Han Asparuh” Offshore Bulgaria, Black Sea
				139 .

5 . 3. 2013 .

“	,	,	“
	,	..	,
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5 . 4. 2012 .

“	”	”	”	2000
1.	,	.., ..	– : II. 3 II. 4 ,,	
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2.	,	.., ..	– : III. 1180 ,	
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5 . 5. 2011 .

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