

Curriculum Vitae

First name(s) / Surname(s) **HRISTO DIMITROV**

Address (business) University of Mining and Geology "St. Ivan Rilski", Studentski grad, BG-1700 Sofia
Department of Geology and Exploration of Mineral deposit

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Positions (at moment)

Dates 2016 - till now

Occupation or position held **Associate -Professor**

Name and address of employer University of Mining and Geology "St. Ivan Rilski", Studentski grad, Sofia 1700

Education and training

Dates 2012

Title of qualification awarded Pedagogy

Educational institution University of Mining and Geology "St. Ivan Rilski"

Dates 2010

Title of qualification awarded Ph. D. (doctor) in geology

Educational institution Sofia University "St. Kliment Ohridski", Faculty of Geology and Geography

Dates 1999

Title of qualification awarded M.Sc. in geology

Educational institution Sofia University "St. Kliment Ohridski", Faculty of Geology and Geography

Dates 1997

Title of qualification awarded B.Sc. in geology

Educational institution Sofia University "St. Kliment Ohridski", Faculty of Geology and Geography

Self-assessment

European level ()*

Russian

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Listening		Reading	
C2	Proficient level	C2	Proficient level	C1	Proficient level	C1	Proficient level	B1	Proficient level
B2	Working level	C1	Working level	B1	Working level	B1	Working level	B1	Working level

(*) [Common European Framework of Reference for Languages](#)

Professional information and applications

Professional and Research interests (key words)

Seismic-stratigraphic interpretation (Seismic- and Lithofacies analysis and modelling) and Petroleum geology (Basin analysis and Petroleum systems / Play assessment)

Membership of professional and trade organization

Bulgarian Geological Society (BGS),
European Association of Geoscientists & Engineers (EAGE)

Publications	33 publications in the field of petroleum geology Appendix 1
Projects	Participation in the 8 completed projects. Appendix 2
Participation in scientific sessions, conferences and congresses (for last 5 year)	2014 r. - XXIV International Science conference, Union of scientists - Stara Zagora. 2015 r. - XXV International Science conference, Union of scientists - Stara Zagora. 2015 r. - International Scientific session, University of Mining and Geology "St. Ivan Rilski", Sofia. 2017 r. - XXVIII International Science conference, Union of scientists - Stara Zagora. 2017 r. - International Scientific session, University of Mining and Geology "St. Ivan Rilski", Sofia. 2018 r. - XXVIII International Science conference, Union of scientists - Stara Zagora. 2018 r. - National Conference "GEOSCIENCES 2018" with International Participation 2019 r. - National Conference "GEOSCIENCES 2019" with International Participation 2020 r. - National Conference "GEOSCIENCES 2020" with International Participation 2021 r. - National Conference "GEOSCIENCES 2021" with International Participation 2022 r. - National Conference "GEOSCIENCES 2022" with International Participation
Specialization abroad	2004 r.- Heriot Watt University, Edinburgh, UK.
Other professional skills	Computer skills – MS Office, CorelDraw, MapInfo, PetroMod 1D.

Appendix 1

PUBLICATIONS

- Georgiev, G., **H. Dimitrov**, F. Reid, G. Pringul, N. Botousharov. **2004**. Seismostratigraphy and 3-d model of the Kamchia sedimentary basin (offshore part).. Scientific technical conference with international participation "Oil and Gas Prospective of the Balkan Black Sea Region. Varna,, 142-147.
- Dimitrov, H.**, Georgiev, G. **2005**. Lithofacies analysis of the Kamchia basin (offshore zone) sedimentary sequences. *Annual Of the University of Mining and Geology "St. Ivan Rilski", Vol. 48, Part I, Geology and geophysics*, 47-52.
- Dimitrov H.** **2007**. Analysis of relative changes of sea level in the Kamchia sedimentary basin (offshore part) during the middle-late Eocene and Oligocene epoch. *Annual Of the University of Mining and Geology "St. Ivan Rilski", Vol. 50, Part I, Geology and geophysics*, Sofia, 43-48.
- Dimitrov H.** **2008**. Paleogeographic reconstruction of the Kamchia sedimentary basin (offshore zone) during the middle-late Eocene and Oligocene epoch. *Annual Of the University of Mining and Geology "St. Ivan Rilski", Vol. 51, Part I, Geology and geophysics*, Sofia, 28-33.
- Balinov, V., M. Doncheva, E. Zaneva-Dobranova, **H. Dimitrov**, I. Nikolova. **2008**. Natural Reservoirs in the Paleogene Section from Varna and East Moesian Monocline. Scientific technical conference with international participation "Oil and Gas Prospective of the Balkan Black Sea Region. Varna, 113-118
- Doncheva, M., V. Balinov, E. Zaneva-Dobranova, **H. Dimitrov**. **2011**. Natural reservoirs in the Mesozoic section of Varna and East Moesian monoclines. *Annual Of the University of Mining and Geology "St. Ivan Rilski", Vol. 54, Part I, Geology and geophysics*, Sofia, 27-32.
- Dimitrov, H.**, Georgiev, G. **2011**. Correlation between main seismic sequence boundaries in Kamchia basin (offshore Bulgaria) and Western Black Sea basin. In: *73rd EAGE Conference & Exhibition incorporating SPE EUROPEC, 23-26 May 2011, Vienna, Austria, Extended Abstracts (CD-ROM)*.
- Dimitrov, H.** **2012**. Identification of depozones in the Kamchia sedimentary basin according to geophysical data. – *Journal Science & Tehnologies, Natural & Mathematical science, Vol. II, 3, 54-58.*
<http://journal.sustz.com/Volumell/Number3/Papers/HristoDimitrov1.pdf>.
- Dimitrov, H.** **2012**. Assessment of the changes in reservoir properties in the Middle Eocene – Oligocene section of Kamchia basin. - *Journal Science & Tehnologies, Natural & Mathematical science, Vol. II, 3, 49-53.*
<http://journal.sustz.com/Volumell/Number3/Papers/HristoDimitrov2.pdf>
- Dimitrov, H.** **2012**. Forecast based on seismostratigraphic data for collectors in the Middle-Eocene to Miocene section of Lower Kamchiya sediment basin (sea part) – *Annual Of the University of Mining and Geology "St. Ivan Rilski", Vol. 55, I, Geology and geophysics*, 149-154.

11. Marinovska E., **Dimitrov, H.**, Georgiev, G. **2013**. Hydrocarbon Characteristics of North Bulgarian Black Sea Coastal Zone. In: *75rd EAGE Conference & Exhibition incorporating SPE EUROPEC, 10-13 June 2013, London, United Kingdom, Tu SP4 10, Extended Abstracts (CD-ROM)*.
12. **Dimitrov, H.** **2013**. Predicting and evaluating fluidosupport rocks in the Middle Eocene-Miocene section of Kamchia sedimentary basin. - *Journal Science & Tehnologies, Technical studies, Vol. III, 4, 41-45*. <http://journal.sustz.com/Volumelll/Number4/Papers/HristoDimitrov.pdf>
13. Sechkariov, N., **Dimitrov, H.** **2013**. Geology and hydrocarbon potential of the southeastern part of Targovishte saddle. - Proceedings of the IV international scientific and technical conference "Geology and hydrocarbon potential of the Balkan-Black sea region", 11-15 September 2013, Varna, Bulgaria, 138-145.
14. **Dimitrov, H.**, Georgiev, G. **2013**. Seismic stratigraphy and correlation in Western Black sea basin. - Proceedings of the IV international scientific and technical conference "Geology and hydrocarbon potential of the Balkan-Black sea region", 11-15 September 2013, Varna, Bulgaria, 38-47.
15. Georgiev, G., **Dimitrov, H.** **2013**. Geological structure and evolution of Kamchia depression. - Proceedings of the IV international scientific and technical conference "Geology and hydrocarbon potential of the Balkan-Black sea region", 11-15 September 2013, Varna, Bulgaria, 64-70.
16. **Dimitrov, H.** **2014**. The Middle Triassic reservoir complex of Central Northern Bulgaria – an example for differential accumulation of hydrocarbon compounds. - *Journal Science & Tehnologies, Technical studies, Vol. IV, 4, 78-82*. <http://journal.sustz.com/VolumeIV/Number4/Papers/HristoDimitrov1.pdf>
17. **Dimitrov, H.** **2015**. Assessment of the prospective petroleum resources of the Middle Eocene natural trap (Kamchiya sedimentary basin). - *Journal Science & Tehnologies, Technical studies, Vol. V, 4, 47-51*. <http://journal.sustz.com/VolumeV/Number4/Papers/HristoDimitrov.pdf>
18. **Dimitrov, H.** **2015**. Ruslar-Paleogene (!) petroleum system In Dolna Kamchiya sedimentary basin. – *Annual Of the University of Mining and Geology "St. Ivan Rilski", Vol. 58, Part I, Geology and geophysics, 87-92*.
19. Toleva, Ts., **H. Dimitrov.** **2017**. Natural reservoirs in Middle Eocene section of The Samotino structure in Lower Kamchiya sedimentary basin - *Journal Science & Tehnologies, Natural & Mathematical science, Vol. VII, 3, 44-51*. <http://www.sustz.com/journal/9/1699.pdf>
20. **Dimitrov, H.**, L. Georgiev, R.Kulev. **2017**. Low-permeability reservoirs in the sedimentary section of Central Northern Bulgaria and survey of the research methods of their reservoir properties. - *Journal Science & Tehnologies, Natural & Mathematical science, Vol. VII, 3, 36-43*. <http://www.sustz.com/journal/8/1698.pdf>
21. Toleva, Ts., **H. Dimitrov.** **2017**. Seismic sequence stratigraphic analysis of the terrestrial part of Dolna Kamchiya sedimentary basin. – *Journal of Mining and Geological Sciences, Vol. 60, Part I, Geology and Geophysics, 33-40*.
22. Toleva, Ts., **H. Dimitrov.** **2018**. Identification of seismic facies in the Upper Eocene and Oligocene sequences of the terrestrial part of Dolna Kamchiya sedimentary basin. - *Journal Science & Tehnologies, Natural & Mathematical science, Vol. VIII, 2, 50-56*. <http://www.sustz.com/journal/1/1801.pdf>
23. Valchev, B., **H. Dimitrov.** **2018**. Lithostratigraphic interpretation of seismic profiles on the example of the Paleogene in the onshore part of the Dolna Kamchiya Basin (Eastern Bulgaria). - *Review of the Bulgarian Geological Society, vol. 79, part 3, 2018, p. 105–106. National Conference with international participation "GEOSCIENCES 2018"*.
24. Valchev, B., **H. Dimitrov, D. Sachkov, S. Djuranov.** **2018**. New data about the Dvoynitsa formation distribution in the onshore part of the Dolna Kamchiya basin (Eastern Bulgaria) on the base of 3d lithological modelling. *Comptes rendus de l'Académie bulgare des Sciences, Tome 71, №12, 1652-1656*.
25. **Valchev, B, H. Dimitrov.** **2019**. A new view to the spatial distribution of the Paleogene lithostratigraphic units in the offshore part of the Dolna Kamchiya basin based on seismic profile's interpretation. - *Review of the Bulgarian Geological Society, vol. 80, part 2, p. 61–69. ISSN 0007-3938*.
26. **Valchev, B, H. Dimitrov.** **2020**. New data on the Paleogene lithostratigraphic units' distribution in the Avren Step south of Varna and Beloslav Lakes based on borehole data and seismic profiles' interpretation. - *Review of the Bulgarian Geological Society, vol. 81, part 1, p. 55–67. ISSN 0007-3938*.
27. **Valchev, B., H. Dimitrov, D. Sachkov, S. Djuranov.** **2020**. A new concept for the Paleogene lithostratigraphy in the onshore part of the Dolna Kamchiya Basin (eastern Bulgaria) on the basis of 3D modeling. *Geologica Balcanica, 49(2), 59-73. Print ISSN 0324-0894: Online ISSN 2535-1060*
28. **Valchev, B, H. Dimitrov.** **2020**. A new view to the spatial distribution of the Paleogene lithostratigraphic units in the Goren Chiflik Horst based on borehole data. - *Review of the Bulgarian Geological Society, vol. 81, part 2, p. 65–76. ISSN 0007-3938*. ([Web of Science Core Collection](#))

29. **Valchev, B., H. Dimitrov, D. Sachkov. 2020.** 3D lithostratigraphic model of the Palaeogene in the Avren Plateau. - *Review of the Bulgarian Geological Society, vol. 81, part 3, p. 147–149. ISSN 0007-3938.* ([Web of Science Core Collection](#))
30. **Valchev, B., H. Dimitrov. 2021.** New data on the stratigraphy of the Paleogene in Solnik area, Eastern Bulgaria- *Review of the Bulgarian Geological Society, vol. 82, part 3, p. 129–131. ISSN 0007-3938.* ([Web of Science Core Collection](#))
31. **Valchev, B., H. Dimitrov, D. Sachkov. 2022.** 3D chronostratigraphic model of the Paleogene in the onshore part of the Dolna Kamchia Basin (Eastern Bulgaria) -- *Review of the Bulgarian Geological Society, vol. 83, part 2, p. 29–33. ISSN 0007-3938.* ([Web of Science Core Collection](#))

Abstracts:

1. Georgiev, G., **H. Dimitrov. 2011.** Correlation between main seismic sequences in the Western Black Sea basin and its Kamchia and Histria western branches. – 3rd International Symposium on the Geology of the Black Sea Region (ISGB), 1-10 October, 2011, Bucharest, Romania.
2. Georgiev, G., **H. Dimitrov. 2011.** Structure and geological history of Kamchia depression. – 3rd International Symposium on the Geology of the Black Sea Region (ISGB), 1-10 October, 2011, Bucharest, Romania.
3. Stanev, Hr., **H. Dimitrov. 2016.** Predicting of delta system in part section of the East-Thracian basin based on seismostratigraphic data. - *Международный форум молодых ученых "Проблемы недропользования", 20-22.04.2016, Sankt Peterburg.*

Petroleum geology and geochemistry (Handbook of exercises):

Jordanov, J. M., Dimitrov, H. B., Botousharov, N. D. **2013.** Теоретични основи и методични указания за решаване на практически задачи от петролната геология. С., Изд. къща "Св. Иван Рилски", 232 стр.

Appendix 2

PROJECTS

1. Велев, В., М. Дончева, В. Балинов, Е. Занева-Добранова, Й. Николова, Х. Чемберски, **Х. Димитров. 2006.** Нефтегазоносная перспективность северной части Западно-черноморского бассейна и прилегающей суши. Фондов отчет на "Овергаз Инк." АД
2. М. Дончева, **Х. Димитров. 2006.** Прогнозиране на природни резервоари в разреза на морската част на Долнокамчийския басейн по сеизмостратиграфски данни. - дог. ГПФ - 75/06, възложен от МГУ „Св. Иван Рилски“.
3. Йорданов, Й., Х. Чемберски, М. Вацев, Д. Вангелов, **Х. Димитров, К. Русков. 2008.** Комплексна оценка на нефтегазоносния потенциал на перспективни участъци на територията на България. – Възложител „Овергаз Инк.“ АД.
4. Йорданов, Й., Д. Синьовски, С. Джуранов, Х. Чемберски, **Х. Димитров, Н. Ботушаров, В. Младенов. 2009.** Оценка на геоложкия риск при проучванията за нефт и газ в Българската акватория. Приложение за нефтегазоносния ресурсен потенциал на проспекти от: условен лицензионен блок „южен“, условен лицензионен блок „централен“ и условен лицензионен блок „северен“. – Възложител „Овергаз Инк.“ АД.
5. Йорданов, Й., **Х. Димитров, Н. Сечкаръев. 2009.** Кинематичен модел на Долнокамчийската депресия. - дог. ГПФ - 123/09, възложен от МГУ „Св. Иван Рилски“.
6. Йорданов, Й., М. Дончева, Е. Занева-Добранова, **Х. Димитров. 2010.** Анализ и избор на еталонни мезозойски разрези от Северна България за адаптиране към съвременни софтуерни продукти за моделиране на геоложки процеси. - дог. ГПФ - 136/10, възложен от МГУ „Св. Иван Рилски“.
7. **Димитров Х., Г. Палакарчева. 2014.** Нефтегазоносен потенциал на българската част на Тракийския басейн. - дог. ГПФ - 186/14, възложен от МГУ „Св. Иван Рилски“.
8. **Димитров Х., Р. Кулев, Щ. Лъмов, Л. Георгиев, Ц. Толева, Х. Станев, Г. Тотева, Д. Нецов. 2016.** Нископроницаеми колектори, технологии за разкриването им и обзор на методите за изледване на резервоарните им свойства. – дог. ГПФ - №203-09.05/2016, възложен от МГУ „Св. Иван Рилски“ (Наредба 3).