

# **DORINA ȚAMBREA**

## **CHIEF GEOPHYSICIST**

Danubian Energy Consulting SRL  
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### **KEY QUALIFICATIONS**

- Over twenty five years of oil & gas industry experience, focused on exploration and development.
  - Worldwide expertise in integrated interpretation of geological and geophysical data for play concept generation; well proposals for offshore and onshore Romania, onshore Egypt; research and basin analysis studies for bidding rounds and exploration projects in Kazakhstan, Russia, Hungary, Jordan, United Kingdom, Tunisia, India, Central African Republic, Turkey, Qatar, Bulgaria, Egypt, Georgia, Mongolia; reservoir modeling for development projects for onshore and offshore Romania, Kazakhstan, Tajikistan. The latest projects have been related to the interpretation of 3D seismic data (PSTM, PostTM and PSDM), seismic attributes analyses, time to depth conversion and reservoir modeling for development projects for the Black Sea Romanian and Moesian Platform areas.
  - Highly skilled in geological and seismic interpretation, employing software packages such as Schlumberger (Petrel and Charisma), Landmark (Seisworks, Stratworks, ZMAP +, SYNTOOL / TDQ, POSTSTACK / PAL), or GeoGraphix and Kingdom Suite.
  - Highly experienced in structural and stratigraphic interpretation of the 2D and 3D seismic data, attribute analysis and reservoir modelling.
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### **PROFESSIONAL APPOINTMENTS**

11/2007 – Present	Chief Geophysicist, Danubian Energy Consulting, Bucharest, Romania
10/2014 – Present	Lecturer, teaching ‘Advanced seismic interpretation’ at the University of Bucharest, Faculty of Geology and Geophysics
10/2007 – 10/2014	Lecturer, teaching ‘Seismic Stratigraphy’ at the University of Bucharest, Faculty of Geology and Geophysics
09/2004 – 10/2007	Senior Geoscientist, Rompetrol S.A. Upstream Division, Bucharest, Romania
10/2006 – 09/2007	On-site Consulting Geophysicist for Hellenic Petroleum (contract w/ Rompetrol S.A.)
10/2001 – 03/2006	Lecturer, teaching ‘Seismic Stratigraphy’ at the University of Bucharest, Faculty of Geology and Geophysics
05/1996 – 08/2004	Geoscientist, Exploration Research and Design Center, Romanian National Oil Company (Petrom), Bucharest, Romania
02/2002 – 03/2002	Temporary assignment to TotalFinaElf’s headquarters in Paris for interpreting seismic data from deep water Romania
09/1987 – 04/1996	Geoscientist, Petromar, offshore division of Romanian National Oil Company (Petrom), Constanta, Romania

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### **EDUCATION**

PhD in Structural Geology / Seismic Stratigraphy – Bucharest University (2008)

Thesis: “Subsidence and tectono-termic evolution of the Istria Depression, Black Sea. Implications in the hydrocarbon generation.”

Diploma in Geophysical Engineering (5 years study) – University of Bucharest, Faculty of Geology-Geophysics, Romania (1987)

Attended several professional training courses:

- Geostatistics for Seismic, SEG Virtual Course, 2014: Olivier Dubrule

- Practical Applications of Time-lapse Seismic Data, Distinguished Instructor Short Course, No.16, Bucharest 2013: David H. Johnson
  - Shear Waves from Acquisition to Interpretation, SEG/EAGE/RSG Bucharest 2000: Dr. Robert Garotta
  - Academy of Economic Studies – Bucharest: Marketing and Investments, 1995, Thesis: ‘The Feasibility Study on Delfin Field Exploration’
  - Structural Style in Petroleum Exploration: J. Lowell, Bucharest, 1994
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## **PUBLICATIONS**

- 1 - Stratigraphic and structural characteristics of the Romanian Black Sea shelf. Authors: Dinu C., Wong H.K., Tambrea D., Matenco L., Tectonophysics 410, 2005, 417 – 435.
  - 2 - Transition from Extensional to Compressional Structures in the Upper Miocene Shaly Deposits Western Black Sea. Authors: Dinu C., Tambrea D., Raileanu A., Abstract Volume, AAPG International Conference & Exhibition, Barcelona 2003.
  - 3 - Seismic facies and depositional framework of Eocene deposits in Central Romanian Black Sea Offshore. Implications for hydrocarbon exploration. Authors: Tambrea D., Raileanu A., Borosi V., In: Dinu C. and Mocanu V. (Editors). Geology and Tectonics of the Romanian Black Sea Shelf and its Hydrocarbon Potential, Bucharest Geoscience Forum, Special Volume no. 2, 2002, p. 85-100.
  - 4 - Characteristics of the tectonics and lithostratigraphy of the Black Sea Shelf, Offshore Romania, Authors: Tambrea D., Dinu C., Sampetean E., In: Dinu C. and Mocanu V. (Editors). Geology and Tectonics of the Romanian Black Sea Shelf and its Hydrocarbon Potential, Bucharest Geoscience Forum, Special Volume no. 2, 2002, p. 29-42.
  - 5 - Stratigraphic and tectonic synthesis of the Romanian Black Sea shelf and correlation with major land structures. Authors: Dinu C., Wong H.K., Tambrea D., In: Dinu C. and Mocanu V. (Editors). Geology and Tectonics of the Romanian Black Sea Shelf and its Hydrocarbon Potential, Bucharest Geoscience Forum, Special Volume no. 2, 2002, p. 101-117.
  - 6 - Seismic facies and depositional framework of Eocene deposits in Central Romanian Black Sea Offshore. Implications for hydrocarbon exploration. Authors: Tambrea D., Raileanu A., Borosi V., V. Sindilar, Abstract Volume, A198, AAPG Annual Convention, Denver, Colorado, 2001.
  - 7 - Structure of the northwestern Black Sea and its Carpathian bending zone, Authors: Dinu C, Tambrea D., Brochure IGCP 430 Workshop I, p. 17-18, Covasna, 2000
  - 8 - The Pontian of the Romanian Black Sea Continental Plateau of the Black Sea, Authors: Tambrea D., Sindilar V., Olaru R., Romanian Oil review, Vol. 7, no. 1, January-March 2000, p. 9-20.
  - 9 - Guide book – field trip Dobrudja and East Carpathian Bend area, Romania, Butac A., Dinu C., Gradinaru E., Olaru R., Srinu V., Sindilar V., Tambrea D., 3<sup>rd</sup> International Conference of the Petroleum Geology and Hydrocarbon Potential of the Black Sea and Caspian Sea Area, Neptun, Romania, 1998.
  - 10 - Tectonic and structural framework and geological evolution of the Istria Depression during Paleogene and Neogene, Authors: Constantinescu N., Tambrea D., Matresu J., Sampetean E., Puscasu N., Abstracts Brochure – 3<sup>rd</sup> International Conference of the Petroleum Geology and Hydrocarbon Potential of the Black Sea and Caspian Sea Area, Neptun, Romania, 1998.
  - 11 - Upper Eocene turbidite depositional system based on geological and geophysical data in Northern Istria Depression, Authors: Lutac D., Sisman M., Carp V., Raileanu A., Tambrea D., Sampetean E., Popescu S., Abstracts Brochure – 3<sup>rd</sup> International Conference of the Petroleum Geology and Hydrocarbon Potential of the Black Sea and Caspian Sea Area, Neptun, Romania, 1998.
  - 12 - Sequence stratigraphy and system tracts of Albian through Oligocene rocks, Histria Basin, Offshore Romania, Authors: Lutac D., Ionescu G., Sisman M., Tambrea D., Abstracts Brochure - Petroleum Potential of the Balkan Region Conference, Sofia, Bulgaria, 1995,
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## **LANGUAGES**

Good command of spoken & written English and French.  
Native Romanian.