

# Eleni Chamilaki

## *Curriculum Vitae*

### **Contact**

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### **Personal Information**

Date of Birth: 10 August 1973  
Marital Status: Married, with 2 children

### **Education**

*B.Sc. in Chemistry, 1995*  
University of Crete, Greece  
Department of Chemistry  
GPA: 8.18 / 10

### **Languages**

English (very good), Greek (mother tongue), French (very good)

### **Professional experience**

2004-present Research Scientist and Laboratory Teaching Staff (ΕΔΙΠ) in the PVT and Core Analysis Lab and in the Research Unit "Hydrocarbons Chemistry & Technology" of the School of Mineral Resources Engineering, Technical University of Crete, Greece

1996 - 2004 Research Scientist and Laboratory Teaching Staff (ΠΔ407/80) in the PVT and Core Analysis lab of the School of Mineral Resources Engineering, Technical University of Crete, Greece

### **Research projects**

**2018** Geochemical study of petroleum source rocks from Brunei (Funding Brunei University Darussalam)

**2018** Kinetic study of hydrolysis and determination of distribution coefficients for single well tracer test in oil well HC Reservoir Engineering (Funding HC Reservoir Engineering AS, Norway)

- 2015 - 2018** Geochemical and petrophysical characterization of rock samples from Katakolon and Ioannina regions (Funding Energean Oil&Gas A.E.)
- 2010-2014** Characterization of “Hellenic Petroleum” refinery products according to the European directive REACH 1907/2006. (Funding Hellenic Petroleum )
- 2013** Qualitative evaluation of petroleum fuels in local market of Chania prefecture. (Funding EBEXA)
- 2002** PVT study of reservoir fluids from the Epsinon-1 well of Prinos field. (Funding KABALA OIL S.A.)
- 1999-2001** Biodegradation of organic pollutants in soils and aquifer. (Funding GSRT)
- 1999-2000** Development, optimization and pilot scale study of an integrated scheme for lubricant oil production in Motor Oil Hellas refinery. (Funding GSRT)
- 1995-1998** Increase of domestic capacity for recycling of used lube oils (Funding GSRT)
- 1997** Experimental study of asphaltenes formation and precipitation in in North Prinos oil (Funding North Aegean Petroleum Corporation)
- 1997** PVT study of reservoir fluids from the North Prinos-1 well of Prinos field (Funding North Aegean Petroleum Corporation)

## Publications

- A. Maravelis, V., N. Pasadakis, A. Zelilidis, E. Hamilaki, W. Collins “**Hydrocarbon generation potential of a Lower Permian sedimentary succession (Mount Agony Formation): Southern Sydney Basin, New South Wales, Southeast Australia**”, International Journal of Coal Geology, Oct. 2017, Vol. 183, p.52-64
- A. Maravelis, V., N. Pasadakis, A. Zelilidis, E. Chamilaki, A. Vassiliou “**Organic geochemical characteristics and paleodepositional conditions of an Upper Carboniferous mud-rich succession (Yagon Siltstone): Myall Trough, southeast Australia**”, Journal of Petroleum Science and Engineering, Sept. 2017, Vol. 158, p.322-355
- N. Pasadakis, V. Dagounaki, E. Chamilaki, “**A comparative organic geochemical study of oils seeps in Western Greece**” **Energy Sources, Part A: Recovery, Utilization, and Environmental Effects**, Feb. 2016, Vol. 38, Issue 3 p.362-369
- A. Zelilidis, P. Tserolas, E. Chamilaki, N. Pasadakis, S. Kostopoulou, A. Maravelis “**Hydrocarbon prospectivity in the Hellenic trench system: organic geochemistry and source rock potential of upper Miocene–lower Pliocene successions in the eastern Crete Island, Greece**” International Journal of Earth Sciences, Sept. 2016, Vol. 105, Issue 6, p.1859-1878
- I. Piliotis, N. Pasadakis, E. Chamilaki, E. Manoutsoglou, “**Comparative evaluation of Rock- Eval and elemental analysis to determine organic carbon content in sediment samples**” Bulletin of The Geological Society of Greece, 2013, Vol. 47 (No 2) p.862-870
- V. C. Kelessidis, C. Tsamantaki, N. Pasadakis, E. Repouskou, E. Hamilaki. “**Permeability, porosity and surface characteristics of filter cakes from water-bentonite suspensions**”,

6<sup>th</sup> International Conference on Advances in Fluid Mechanics, **Skiathos, Greece 8-10 May 2006**, published in “Computational Methods in Multiphase Flow, IV”, WIT Transactions on Engineering Sciences

- Pasadakis N., Varotsis N., Chamilaki E. “**Method measures commingled production, pipeline components**”, Oil & Gas journal, Jan 3, 2000, p.46