

## PERSONAL INFORMATION

SURNAME: **GEORGAKOPOULOS**  
NAME: **ANDREAS**  
DATE OF BIRTH: **10 JUNE 1956**  
PLACE OF RESIDENCE: **SERRON 30, 54454,**  
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## EDUCATION

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- September 1982 - September 1984: Ph.D., Hydrocarbons Organic Geochemistry, Laboratory of Organic Geochemistry, *Institut Français du Pétrole* and *Department of Chemistry*, University PARIS XI-CENTRE D'ORSAY, France. Thesis Title: "*Contribution à l'analyse des sédiments récents par la pyrolyse de type Rock-Eval*" (1984).
- September 1979 - September 1980: Diplôme d'Etudes Approfondies (D.E.A.) Fédéral de Sédimentologie et Géologie des Ensembles Sédimentaires, Universities Paris VI, VII & XI, France. Master Thesis Title: "*Contribution à l'étude des variations de paleomilieu au niveau de la biozone N17 - Messinien. Un exemple sur une coupe dans le Neogène d'Algérie. Etude bibliographique sur ce sujet en Méditerranée*".
- September 1975 - June 1979: Maitrise de Géologie, University PARIS XI-CENTRE D'ORSAY, France.

## FELLOWSHIPS and AWARDS

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Ph.D. funded [after competition] through a Government Grant from the **French Ministry of Foreign Affairs** - Direction of Technical Cooperation *and* a Grant from the **French Institute of Petroleum**.

## APPOINTIVE POSITIONS HELD UNDER THE CIVIL SERVICE

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- November 2005 - May 2009: **General Director of the Hellenic Institute of Geology and Mineral Exploration (I.G.M.E.)**, Greece.
- 2011: Member of a Committee appointed by the Ministry of Environment, Energy and Climate Change to examine the presence of shale gas formations and bituminous shale in Greece and to try to identify the opportunities and the risks of shale gas development.
- 2009 - 2013: **Member of the Program Committee for the FP7 Specific Program "CAPACITIES" [national representative of Greece]**.
- Nov. 2013 - June 2015: **Vice-President of the Hellenic Hydrocarbon Resources Management S.A. (H.H.R.M. S.A.) - Hellenic Republic - Ministry of Environment and Energy**, Greece.
- 2012-2017: **Hydrocarbons Exploration and Exploitation Contracts Negotiator for the Hellenic Republic:**
  1. Negotiator on behalf of the Hellenic Republic - Ministry of Environment, Energy and Climate Change for granting and using authorizations for exploration and exploitation of hydrocarbon in respect of certain acreage in Western Greece: the

onshore area known as “**Ioannina**” and the offshore areas “**Gulf of Patraikos (west)**” and “**Katakolon**”.

2. Negotiator on behalf of the Hellenic Republic - Ministry of Productive Reconstruction, the Environment and Energy for granting and using authorizations for the prospection, exploration, and production of hydrocarbons within three (3) onshore areas “**Arta-Preveza**”, “**Aitoloakarnania**” and “**NW Peloponnese**” in Western Greece.
  3. Negotiator on behalf of the Hellenic Republic - Ministry of Environment and Energy for granting and using authorizations for the prospection, exploration, and production of hydrocarbons in **twenty (20) offshore areas in Western Greece (Ionian Sea) and South of Crete**.
- Appointed by the Hellenic Ministry of Environment and Energy from 2014 to 2021: **President (on behalf of the Hellenic Republic) of the Technical Advisory Committee (TAC) for West Patraikos Gulf area (offshore) concession**. TAC was composed of 6 members representing the Hellenic Republic (3 members) and the Helpe-Edison Consortium holding the exploration and exploitation rights for this offshore area (3 members). The TAC met roughly four times a year. During the meetings, it monitored the progress of the Working Groups and financial obligations and looked into what happens to protect the State’s interests.

## **ACADEMIC ACHIEVEMENTS**

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- **November 2004** – Present: Professor of Fossil Fuels, Faculty of Sciences, School of Geology, Department of Mineralogy-Petrology-Economic Geology, Aristotle University of Thessaloniki, Greece.
- **01/11/2019** – **06/12/2021**: Member of the Committee of the “**Center for Interdisciplinary Research and Innovation**” – Aristotle University of Thessaloniki.
- **September 2015** – Present: Founder and coordinator of all development activities including but not limited to strategy, financial and operating planning for an Inter-Institutional Master Program entitled “**Exploration and Exploitation of Hydrocarbons**” [<https://hydrocarbons.geo.auth.gr/?lang=en>] [Collaborating Institutions: School of Geology, Aristotle University of Thessaloniki (coordinating institution) - School of Mining and Metallurgical Engineering, National Technical University of Athens - School of Economics, Democritus University of Thrace - School of Geology and Geo-environment, National and Kapodistrian University of Athens].

This program was made possible and is considered of the highest standards through:

- Securing the donation of multi-million software from **Schlumberger**, the world’s leading oilfield Service Company. Since 2015 students have access to the same exploration and production modeling software used by the Oil and Gas industry thanks to an **>15 Million US Dollars (USD)** donation.
  - Securing the donation of multi-million software from **PETEX [Petroleum Experts – Edinburg – Scotland]**. [Equivalent of the donation: ~1,500,000 £].
  - Securing the donation of London-based ArcGIS Oil and Gas Exploration specialist **Exprodat** providing an educational use license of the Company’s Exploration Analyst software.
- **2018** – **2022**: Director of the Inter-Institutional Master Program “**Hydrocarbon Exploration and Exploitation**”.
  - Applying for and obtaining grants from the Hellenic ‘**GREEN FUND**’, a public-law entity reporting to the Ministry of Environment and Energy, to finance state of the art technologies and equipment for a new **DRILLING MUD Laboratory** fully equipped with Fann Instrument Company’s Laboratory and Field equipment [Houston, Texas] to conduct testing on Drilling Muds. This collaboration is aimed at facilitating enhanced training for

students of the Inter-Institutional Master Program entitled “Exploration and Exploitation of Hydrocarbons”, as well as certain aspects of Earth and Environmental Sciences.

- **2<sup>nd</sup> Semester 2014:** Visiting Professor, University of Central Lancashire (UCLAN) Cyprus – Solon Kasinis Energy Training School, and Research Center, Course Code EC1008 (L4) – “Introduction to Petrochemistry, Petrochemical processes, and Petroleum Geology”.

#### **ACADEMIC POSITIONS HELD**

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- Sept. 1989 – Sept. 1993: Lecturer, Faculty of Sciences, School of Geology, Department of Mineralogy-Petrology-Economic Geology, Aristotle University of Thessaloniki, Greece.
- Sept. 1993 – 2000: Assistant Professor.
- Nov. 2000 – Nov. 2004: Associate Professor.
- Nov. 2004 – Present: Professor, Faculty of Sciences, School of Geology, Department of Mineralogy-Petrology-Economic Geology, Aristotle University of Thessaloniki, Greece.
- 01/09/2003 – 31/08/2005, 01/09/2013 – 21/11/2013, and 01/09/2021 – 31/08/2023: Director of the Department of Mineralogy-Petrology-Economic Geology, School of Geology, Aristotle University of Thessaloniki, Greece.
- 01/09/2013 – 20/01/2014: Deputy Head of the School of Geology.
- Since 11/12/2015: Director of the Laboratory of Economic Geology, Department of Mineralogy-Petrology-Economic Geology, School of Geology, Aristotle University of Thessaloniki, Greece.
- Since 13/02/2018 - Committee of Postgraduate Educational Programs, Faculty of Sciences AUTH: Coordinator.

#### **PUBLICATIONS**

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**ORCID ID: 0000-0001-9674-1150**

**Scopus Author ID: 7004110104**

**Web of Science Researcher ID: AAE-7374-2020**

1. Fotias, S.P., **GEORGAKOPOULOS, A.**, Gaganis, V. (2022). Workflows to Optimally Select Undersaturated Oil Viscosity Correlations for Reservoir Flow Simulations. *Energies*, 15, 9320. [I.F. 2022: 3.343] <https://doi.org/10.3390/en15249320>
2. Alexandridis, I., Oikonomopoulos, I.K., Carvajal-Ortiz, H., Gentzis, Th., Kalaitzidis, S., **GEORGAKOPOULOS, A.N.**, Christanis, K. (2022). Discovery of a new source-rock interval within the Pantokrator Formation, Ionian Zone, western Greece: Insights from sulfur speciation and kinetics analyses. *Marine and Petroleum Geology*, Volume 145, Issue 105918.
3. Apostolidou, C., Sarris, E., **GEORGAKOPOULOS, A.** (2022). Dynamic Thermal Aging of Water-Based Drilling Fluids with different types of Low-Rank Coals as Environmental Friendly Shear Thinning Additives. *Journal of Petroleum Science and Engineering*, Volume 208, Part E, January 2022, 109758.
4. Mousouliotis, A.G., Pechlivanidou, S., Albanakis, K., **GEORGAKOPOULOS, A.**, Medvedev, B. (2021). Deciphering salt tectonic deformation patterns in the Eastern Mediterranean: Insights from the Messinian evaporite in the Herodotus Basin. *Marine and Petroleum Geology*, Volume 133, Issue 105317.
5. Mousouliotis, A.G., Albanakis, K., **GEORGAKOPOULOS, A.**, Papatheodorou, G., Tripsanas, E.K., Medvedev B. (2020). Pre-salt clastic systems in the Herodotus Basin, SE Mediterranean Sea. *Marine and Petroleum Geology*, Volume 122, Issue 104691.
6. Apostolidou, C., **GEORGAKOPOULOS, A.** (2019). Structural analysis of Greek and Bulgarian coals by solid-state <sup>13</sup>C nuclear magnetic resonance spectroscopy. *Int. J. Mining and Mineral Engineering*, Vol. 10, No. 2/3/4: 311-337.

7. Iordanidis, A., **GEORGAKOPOULOS, A.**, Kalaitzidis, S. (2014). Petrographic Composition and Paleoenvironment of the Amynteo Lignite Deposit, Northern Greece. *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, Volume 36, Issue 24, Pages 2715-2724.
8. Adamidou, K., Tsikritzis, L., **GEORGAKOPOULOS, A.**, Pekridis, G., Amanatidou, E., Trikoilidou, E. (2013). Major and trace elements of lignite seams and intermediate sterile layers from Kardias lignite field of Ptolemais, Northern Greece. *Fresenius Environmental Bulletin*, Volume 22, Issue 11, pp. 3123-3131.
9. Iordanidis, A., Schwarzbauer, J., **GEORGAKOPOULOS, A.**, van Lagen, B. (2012). Organic Geochemistry of Amynteo Lignite Deposit, Northern Greece: a Multi-Analytical Approach. *Geochemistry International*, Vol. 50, No.2, pp. 159–178. Pleiades Publishing, Ltd.
10. Papastergios, G., Fernández-Turiel, J.L., **GEORGAKOPOULOS, A.**, Gimeno, D. (2010). Arsenic Background Concentrations in Surface Soils of Kavala Area, Northern Greece. *Water, Air, & Soil Pollution*, Vol. 209, No. 1-4: 323-331.
11. Papastergios, G., Fernández-Turiel, J.L., **GEORGAKOPOULOS, A.**, Gimeno, D. (2009). Natural and anthropogenic effects on the sediment geochemistry of Nestos river, Northern Greece. *Environmental Geology*, Vol. 58, No. 6: 1361-1370.
12. Aidona, E., Kondopoulou, D., Scholger, R., **GEORGAKOPOULOS, A.**, Vafeidis, A. (2008). Palaeomagnetic investigations of sediment cores from Axios zone (N. Greece): implications of low inclinations in the Aegean. *e-Earth*, 3, 7-18.
13. Grigoriadou, A., Schwarzbauer, J., **GEORGAKOPOULOS, A.** (2008). Organic geochemical parameters for estimation of petrogenic inputs in the coastal area of Kavala City, Greece. *Journal of Soils and Sediments*, Vol. 8, No. 4: 253-262.
14. Grigoriadou, A., Schwarzbauer, J., **GEORGAKOPOULOS, A.** (2008). Molecular indicators for pollution source identification in marine and terrestrial water of the industrial area of Kavala city, North Greece. *Environmental Pollution*, 151(1): 231-242.
15. Kalaitzidis, S., **GEORGAKOPOULOS, A.**, Christanis, K., Iordanidis, A. (2006). Early coalification features as approached by solid-state <sup>13</sup>C CP/MAS NMR spectroscopy. *Geochimica et Cosmochimica Acta*, 70(4): 947-959.
16. Sotiropoulos, D., **GEORGAKOPOULOS, A.**, Kolovos, N. (2005). Impact of free-calcium oxide content of the fly ash on dust and sulfur oxide emissions in a lignite-fired Power Plant. *Journal of the Air and Waste Management Association*, 55: 1042-1049.
17. Kantiranis, N., Filippidis, A., **GEORGAKOPOULOS, A.** (2005). Investigation of the uptake ability of fly ashes produced after lignite combustion. *Journal of Environmental Management*, 76: 119-123.
18. Kolovos, N., Sotiropoulos, D., **GEORGAKOPOULOS, A.** (2005). Contribution on Lignite Recovery from Multi-seam Deposits. *Energy Sources*, 27(11): 975-986.
19. Fernández-Turiel, J.L., **GEORGAKOPOULOS, A.**, Gimeno, D., Papastergios, G., Kolovos, N. (2004). Ash deposition in a pulverized coal-fired power plant after high-calcium lignite combustion. *Energy & Fuels, American Chemical Society*, 18: 1512-1518.
20. Markova, K., **GEORGAKOPOULOS, A.**, Valceva, S. (2003). Application of Thermal Analysis to the Study of Lignites from Drama Basin, Greece. *Comptes Rendus de l'Académie Bulgare des Sciences*, 56(10): 57-62.
21. **GEORGAKOPOULOS, A.**, Iordanidis, A., Kapina, V. (2003). Study of Low-Rank Greek Coals using FTIR Spectroscopy. *Energy Sources*, 25(10): 995-1005.
22. **GEORGAKOPOULOS, A.** (2003). Aspects of solid-state <sup>13</sup>C CPMAS NMR spectroscopy in coals from the Balkan Peninsula. *Journal of the Serbian Chemical Society*, 68(8-9): 599-605.
23. Iordanidis, A., **GEORGAKOPOULOS, A.** (2003). Pliocene lignites from Apofysis mine, Amynteo basin, Northwestern Greece: petrographical characteristics and depositional environment. *International Journal of Coal Geology*, vol. 54, Issues 1-2, 57-68.
24. Kolovos, N., **GEORGAKOPOULOS, A.**, Filippidis, A., Kavouridis, C. (2002). Utilization of lignite reserves and simultaneous improvement of dust emissions and operation efficiency of a Power Plant by controlling the calcium (total and free) content of the fed lignite. Application on the Agios Dimitrios Power Plant, Ptolemais, Greece. *Energy & Fuels, American Chemical Society*, 16: 1516-1522.

25. Kalaitzidis, S., Christanis, K., **GEORGAKOPOULOS, A.**, Fernández-Turiel J.L., Papazisimou, S. (2002). Influence of geological conditions during peat accumulation on trace element affinities and their behavior during peat combustion. *Energy & Fuels, American Chemical Society*, 16: 1476-1482.
26. Kolovos, N., **GEORGAKOPOULOS, A.**, Filippidis, A., Kavouridis, C. (2002). The Effects on the Mined Lignite Quality Characteristics by the Intercalated Thin Layers of Carbonates in Ptolemais Mines, Northern Greece. *Energy Sources*, 24(8): 761-772.
27. Kolovos, N., **GEORGAKOPOULOS, A.**, Filippidis, A., Kavouridis, C. (2002). Environmental Effects of Lignite and Intermediate Steriles Coexcavation in the Southern Lignite Field Mine of Ptolemais, Northern Greece. *Energy Sources*, 24(6): 561-573.
28. **GEORGAKOPOULOS, A.**, Filippidis, A., Kassoli-Fournaraki, A., Fernández-Turiel, J.L., Llorens, J.F., Mousty, F. (2002). Leachability of Major and Trace Elements of Fly Ash from Ptolemais Power Station, Northern Greece. *Energy Sources*, 24(2): 103-113.
29. **GEORGAKOPOULOS, A.**, Filippidis, A., Kassoli-Fournaraki, A., Iordanidis, A., Fernández-Turiel, J.L., Llorens, J.F., Gimeno, D. (2002). Environmentally Important Elements in Fly Ashes and Their Leachates of the Power Stations of Greece. *Energy Sources*, 24(1): 83-91.
30. Aidona, E., Kondopoulou, D., **GEORGAKOPOULOS, A.** (2001). Palaeomagnetic and Rock Magnetic Properties of Sediment Cores from Chalkidiki, Greece. *Physics and Chemistry of the Earth*, Vol. 26, No. 11-12, pp. 879-884.
31. **GEORGAKOPOULOS, A.**, Fernández-Turiel, J.L., Christanis, K., Kalaitzidis, S., Kassoli-Fournaraki, A., Llorens, J.F., Filippidis, A., Gimeno, D. (2001). The Drama basin water: quality and peat/lignite interaction. *Environmental Geology*, vol. 41, No 1/2, 121-127.
32. Iordanidis, A., **GEORGAKOPOULOS, A.**, Markova, K., Filippidis, A., Kassoli-Fournaraki, A. (2001). Application of TG-DTA to the study of Amynteon lignites, Northern Greece. *Thermochimica Acta*, Vol. 371/1-2: 137-141.
33. Iordanidis, A., **GEORGAKOPOULOS, A.**, Filippidis, A., Kassoli-Fournaraki, A. (2001). A Correlation Study of Trace Elements in Lignite and Fly Ash Generated in a Power Station. *International Journal of Environmental Analytical Chemistry*, vol. 79 (2): 133-141.
34. **GEORGAKOPOULOS, A.** (2001). Trace elements in the Lava Xylite/Lignite Deposit, Servia Basin, Northern Greece. *Energy Sources*, 23(2): 143-156.
35. **GEORGAKOPOULOS, A.** (2000). The Drama Lignite Deposit, Northern Greece: Insights from Traditional Coal Analyses, Rock-Eval Data, and Natural Radionuclides Concentrations. *Energy Sources*, 22(6): 497-513.
36. **GEORGAKOPOULOS, A.**, Valceva, S. (2000). Petrographic Characteristics of Neogene Lignites from the Ptolemais and Servia Basins, Northern Greece. *Energy Sources*, 22(7): 587-602.
37. Christanis, K., **GEORGAKOPOULOS, A.**, Fernández-Turiel, J.L., Bouzinos, A. (1998). Geological factors influencing the concentration of trace elements in the Philippi peatland, eastern Macedonia, Greece. *International Journal of Coal Geology*, 36 (3-4): 295-313 [I.F. 2022: 6.3].
38. Filippidis, A., **GEORGAKOPOULOS, A.**, Kassoli-Fournaraki, A. (1996). Mineralogical components of some thermally decomposed lignite and lignite ash samples from the Ptolemais Basin, Greece. *International Journal of Coal Geology*, 30: 303-314 [I.F. 2022: 6.3].
39. Filippidis, A., **GEORGAKOPOULOS, A.**, Kassoli-Fournaraki, A., Misaelides, P., Yiakkoupis, P., Broussoulis, J. (1996). Trace element contents in composited samples of three lignite seams from the central part of the Drama lignite deposit, Macedonia, Greece. *International Journal of Coal Geology*, 29: 219-234 [I.F. 2022: 6.3].
40. **GEORGAKOPOULOS, A.**, Papaconstantinou, C., Papaioannou, Ch. (1995). Natural gas storage in the South Kavala Field: geological and seismological characteristics. *Petroleum Geoscience, Geological Society, London*, Vol. 1, No 2: 129-133.
41. **GEORGAKOPOULOS, A.**, Filippidis A. and Kassoli-Fournaraki, A. (1994). Morphology and trace element contents of the fly ash from Main and Northern lignite fields in Ptolemais, Greece. *Fuel*, 73 (11): 1802-1804 [I.F. 2022: 8.035].
42. **GEORGAKOPOULOS, A.**, Kassoli-Fournaraki, A., Filippidis, A. (1992). Morphology, Mineralogy and Chemistry of the fly ash from the Ptolemais lignite basin (Greece) in relation to some problems in human health. *Trends in Mineralogy*, 1: 301-305.

43. Filippidis, A., **GEORGAKOPOULOS, A.**, Kassoli-Fournaraki, A. (1992). Mineralogical components from ashing at 600°C to 1000°C of the Ptolemais lignite, Greece. *Trends in Mineralogy*, 1: 295-300.
44. **GEORGAKOPOULOS, A.** (1992). History, status and future considerations of hydrocarbon exploration in Greece. *First Break*, 10(11): 413-416.
45. Kassoli-Fournaraki, A., **GEORGAKOPOULOS, A.**, Filippidis, A. (1992). Heating experiments of the Ptolemais lignite in the temperature range from 100°C to 500°C. *Neues Jahrbuch für Mineralogie, Monatshefte*, H11: 487-493.
46. Filippidis, A., **GEORGAKOPOULOS, A.** (1992). Mineralogical and chemical investigation of fly ash from the Main and Northern lignite fields in Ptolemais, Greece. *Fuel*, 71: 373-376 [I.F. 2022: 8.035].

#### CONFERENCES/WORKSHOPS/CONGRESSES [ *SELECTED* ]

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- Mousouliotis, A., Pechlivanidou, S., Albanakis, K., **GEORGAKOPOULOS, A.**, Medvedev, B. (2021). Salt deformation patterns in the Eastern Mediterranean: Insights from the Messinian evaporite in the Herodotus Basin. *Third EAGE Eastern Mediterranean Workshop – Regional Geology and Impact of Salt*, Paper No. Mo\_08, 1-3 December 2021, Larnaca, Cyprus.
- Alexandridis, I., **GEORGAKOPOULOS, A.**, Carvajal-Ortiz, H., Gentzis, Th., Oikonomopoulos, I. (2021). Source Rocks in Ionian Zone, western Greece. Discoveries and revisions from an outcrop study. *Third EAGE Eastern Mediterranean Workshop – Regional Geology Carbonates and Source Rock Understanding*, Paper No. Mo\_15, 1-3 December 2021, Larnaca, Cyprus.
- Alexandridis, I., Oikonomopoulos, I., Carvajal-Ortiz, H., Gentzis, Th., Kalaitzidis, S., **GEORGAKOPOULOS, A.**, Christanis, K. (2021). Organic petrography, geochemistry, and sulfur speciation of a new potential Mesozoic source rock in western Greece. *Third EAGE Eastern Mediterranean Workshop – Regional Geology Carbonates and Source Rock Understanding*, Paper No. Mo\_16, 1-3 December 2021, Larnaca, Cyprus.
- Alexandridis, I., **GEORGAKOPOULOS, A.** (2020). A First-Order Approximative Conceptual Salt-Tectonic Model for the Ionian Zone (NW Greece). *AAPG Europe Regional Conference 2020 – Explore New Frontiers*. 28 – 29 January 2020, Athens, Greece.
- Apostolidou, C., Georgakopoulos, N., **GEORGAKOPOULOS, A.** (2020). Preliminary Investigation of Greek Lignite and Leonardite Influence on the Rheological and Filtration Properties of Water-Bentonite Suspensions. *AAPG Europe Regional Conference 2020 – Technology Improvement: Quo Vadis?* 28 – 29 January 2020, Athens, Greece.
- Albanakis, K., Mousouliotis, A., **GEORGAKOPOULOS, A.** (2019). Settling Velocity of Sands in Hypersaline Solutions. An Experimental and Modeling Approach. The Messinian Paradigm. *AAPG Geoscience Technology Workshop – Exploration and Development of Siliciclastic and Carbonate Reservoirs in the Eastern Mediterranean*, Article #90341, Tel Aviv, Israel, February 26-27, 2019 <https://www.searchanddiscovery.com/abstracts/html/2019/telaviv-90341/abstracts/2019.TelAviv.36.html>
- Mousouliotis, A., Albanakis, K., **GEORGAKOPOULOS, A.**, Medvedev, B. (2019). Siliciclastic Deposits of the Messinian Nile Canyon, Herodotus Basin, Eastern Mediterranean. *AAPG Geoscience Technology Workshop – Exploration and Development of Siliciclastic and Carbonate Reservoirs in the Eastern Mediterranean*, Article #90341, Tel Aviv, Israel, February 26-27, 2019 <https://www.searchanddiscovery.com/abstracts/html/2019/telaviv-90341/abstracts/2019.TelAviv.12.html>
- Ioakeimidis, I., Kantiranis, N., **GEORGAKOPOULOS, A.**, Kiomourtzi, P., Tsirambides, A. (2019). Diagenetic Processes into the Reservoir of the Oil Field of Prinos-Kavala Basin, Macedonia, Greece. *Bulletin of the Geological Society of Greece*, Sp. Pub. 7, Ext. Abs. GSG2019-148, 15<sup>th</sup> International Congress of the Geological Society of Greece, Athens, 22-24 May, 2019, Harokopio University of Athens, Greece.
- Mousouliotis, A., Albanakis, K., **GEORGAKOPOULOS, A.** (2018). Messinian Clastic Deposition and Halokinesis over The Pre-Messinian Geomorphology, Herodotus Basin, Eastern Mediterranean. *Eastern Mediterranean Workshop: First EAGE Workshop on Geophysical and Geological Challenges in the Hydrocarbon Provinces of the Eastern Mediterranean*, 6 - 7 December 2018, St.

Julian's, Malta. <https://www.earthdoc.org/content/papers/10.3997/2214-4609.201803041> Fr EM 06.

- Apostolidou, C., **GEORGAKOPOULOS, A.** (2018). Structural Analysis of Greek and Bulgarian Coals by Solid-State <sup>13</sup>C Nuclear Magnetic Resonance (NMR) Spectroscopy. *In: Proceedings of the 14<sup>th</sup> International Symposium of Continuous Surface Mining – ISCSM 2018*, Aristotle University's Research Dissemination Center (KEDEA), Thessaloniki, Greece, 23-26 September 2018, 15 pages.
- Apostolidou, Ch., **GEORGAKOPOULOS, A.** (2018). Morphology, Mineralogy, and Chemistry of Fly Ash from the Ptolemais Power Stations, Northern Greece, and its potential as partial Portland cement substitute. *In: Proceedings of the 14<sup>th</sup> International Symposium of Continuous Surface Mining – ISCSM 2018*, Aristotle University's Research Dissemination Center (KEDEA), Thessaloniki, Greece, 23-26 September, 2018, 15 pages.
- Loupasakis, C., Rozos, D., **GEORGAKOPOULOS, A.** (2011). Remedial Measures for the Restoration of an Extensive Rock Slope Failure at the Right Abutment of the Thisavros Dam, Nestos River, Greece. *Proceedings, Slope Stability 2011: International Symposium on Rock Slope Stability in Open Pit Mining and Civil Engineering*, Vancouver, Canada (September 18-21, 2011), 8 pages.
- Papaconstantinou, C.M., **GEORGAKOPOULOS, A.**, Gialamas, V., Papaconstantinou, M.C., Georgakopoulou, M.A., Papaconstantinou, K.C. (2011). Geochemical and hydrogeological investigation in a landfill site of Northern Greece. *In: Proceedings 12<sup>th</sup> International Conference on Environmental Science and Technology (CEST2011)*. Organised by: Global Network for Environmental Science and Technology "Global NEST" and University of the Aegean: Dept. of Environmental Studies, and Dept. of Statistics and Actuarial-Financial Mathematics, 8 - 10 September 2011, Rhodes Island, Greece, Vol. A, pp. 1400-1407.
- Papaconstantinou, C.M., Samaras, Ch., Samara, C., Grigoratos, Th., Lazarou, D. **GEORGAKOPOULOS, A.** (2011). Leachate composition and mobility study in a landfill site of Northern Greece. *In: Proceedings 12<sup>th</sup> International Conference on Environmental Science and Technology (CEST2011)*. Organised by: Global Network for Environmental Science and Technology "Global NEST" and University of the Aegean: Dept. of Environmental Studies, and Dept. of Statistics and Actuarial-Financial Mathematics, 8 - 10 September 2011, Rhodes Island, Greece, Vol. A, pp. 1408-1415.
- Karageorgiou, D.E., Metaxas, A., Karageorgiou, M.M.D., Papanikolaou, G., **GEORGAKOPOULOS, A.N.**, Vrettos, K. (2010). Development of lignite in Crete. Comparison of basins, possibilities of exploitation. *In: Bulletin of the Geological Society of Greece, Proceedings of the 12<sup>th</sup> International Congress, Patras, 19-22 May 2010, Volume XLIII, No 3, p. 2236-2245.*
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## **MEMBERSHIPS & REVIEWING ACTIVITIES**

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### **Member:**

Former European Association of Petroleum Geoscientists and Engineers (Now European Association of Geoscientists and Engineers-EAGE): Member and NATIONAL CORRESPONDENT in Greece for four years [1990-1994],  
 Association Française des Techniciens du Pétrole (No 11397),  
 Société Géologique de France,  
 Society for Geology Applied to Mineral Deposits,  
 Geotechnical Chamber of Greece,  
 Geological Society of Greece.

### **Reviewer:**

*Energy & Fuels, Journal of the Air & Waste Management Association (Harvard School of Public Health), ENERGY – The International Journal, Journal of Environmental Management, Fuel, Fuel Processing Technology, etc.*

## **TEACHING ACTIVITIES**

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### **School of Geology, Aristotle University of Thessaloniki:**

- 1. Undergraduate Courses** – Old Course Program (Since 1989): GMO 321Y Sedimentary Petrology, GMO 760E Petroleum Geology, AY0101 Field Training I, GMO 874E Coal Geology, GMO 878E Topics in Mineralogy-Petrology-Economic Geology.
- 2. Undergraduate Courses** – New Course Program (Since the Academic Year 2020-21): NGMO 725E Hydrocarbon Exploration and Exploitation [4 ECTS] – 7<sup>th</sup> Semester, NGMO 823E Exploration and Exploitation of Solid Fuels [3 ECTS] – 8<sup>th</sup> Semester, NNGN 801Y Bachelor Diploma Thesis I [8 ECTS], NNGN 802Y Bachelor Diploma Thesis II [16 ECTS] – 8<sup>th</sup> Semester, NNGN 891E Field Course 5 [3 ECTS] – 8<sup>th</sup> Semester.
- 3. Postgraduate Courses:**
  - New reformed Postgraduate Program "**Applied and Environmental Geology**", Specialization: **Mineral Resources-Environment:**
    - GMOM104:** Mineral Resources of Greece and Legal Aspects,
    - GMOM206:** Fossil Fuels,
    - GMOM205:** Prospecting, Exploration and Production Activities of Hydrocarbons,
    - GMOM207:** Exploration and Exploitation Methods of Mineral Resources.
  - Since 2015: Inter-Institutional Master Program "**Hydrocarbon Exploration and Exploitation**":
    - HGA-1Y:** PETROLEUM GEOLOGY,
    - HGA-2Y:** OVERVIEW OF THE OIL AND GAS EXPLORATION PROCESSES,
    - HGA-3Y:** OVERVIEW OF THE PETROLEUM SYSTEMS IN GREECE, CYPRUS AND THE SOUTH-EASTERN MEDITERRANEAN AREA,
    - HGB-6Y:** WELL LOGGING.

## **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

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- Supervision of 48 Diploma Theses, 36 Master Theses, and 4 Doctorate Theses.
- Participation in 130 Conferences/Congresses/Workshops.
- Participation in 35 Research Projects as Principal Investigator or as a collaborator.

## **CONSULTING**

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- June 1993 – August 1993: Geologic Consultant: North Aegean Petroleum Co., Kavala, Greece.