

## Curriculum vitae 6/2020

**PAPADOPOULOS A. ARGYRIOS**

**MSc, Phd Geologist, BSc Economist**

Tel: 00306937275072 (mobile), 00302310434607 (home)

E-mail: argpapad@geo.auth.gr

### *PROFESSIONAL-RESEARCH INTERESTS*

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- REE's mineral deposits
- Isotopic Geology and geochemistry
- Environmental Geochemistry
- Urban Geology-Geochemistry
- Applied Geochemistry
- Mineralogy
- Petrology
- Industrial minerals

### *EDUCATION*

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- 2007-2011: **Ph.D. Aristotle University of Thessaloniki, Greece**, School of geology, Faculty of Mineralogy-Petrology-Economic geology: "Natural radioactivity in relation to mineralogy, geochemistry of uranium and thorium of magmatic rocks from Greece: Contribution to the use of natural building materials." Supervisors: Prof. Christofides G., Papastefanou C. and Koroneos A.
- 2004-2008: **BSc Aristotle University of Thessaloniki, Greece, School of Economic Sciences.**
- 2005-2007: **MSc Aristotle University of Thessaloniki, Greece**, School of geology Faculty of Mineralogy-Petrology-Economic geology: "Production and applications of Klisoura bauxite and Gerakini magnesite commodities". Supervisors: Prof. Tsirapidis A., Vavelidis M. and Varsakelis N.
- 2000-2004: **BSc Aristotle University of Thessaloniki, Greece, School of Geology.**

### *RESEARCH EXPERIENCE*

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- November 2018-Present. Post-Doc Researcher, working on the project: Use of industrial miscellaneous wastes in production Use of industrial mining wastes to the production of innovative fire retardant raw materials (MagWasteVal). Funding body: Research Committee Aristotle University of Thessaloniki.
- March 2016-march 2017. Post-Doc Researcher, Scholarship of Excellence, working on the project: Natural radioactivity and U and Th distribution in granitoids from Western Anatolia, Turkey. Funding body: Research Committee Aristotle University of Thessaloniki.
- September 2013-August 2015. Greek Scholarships Foundation, Aristotle University of Thessaloniki. Post-Doc Researcher, Scholarship of Excellence, working on the project: "Assessment of the risk to public health from exposure to sources of natural radioactivity associated with beach sands adjacent to granitic rocks in Greece». Funding body Greek State Scholarships Foundation-SIEMENS.
- January 2012-December 2012. Post-Doc Researcher, Scholarship of Excellence, working on the project: Evaluation of the natural radioactivity levels and determination of the REE content in heavy minerals from beach sands of the Sithonia peninsula. Funding body: Research Committee Aristotle University of Thessaloniki.
- October 2010-September 2011. Research project "Research on the construction of sites planted with special plants in mining wastes of the NE Chalkidiki mines", including duties such as sampling, PXRD analyses and interpretation.

## **AWARDS AND ACHIEVEMENTS**

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- Research Committee Aristotle University of Thessaloniki, Scholarship of Excellence for postdoctoral researchers 2016
- IKY (Greek State Scholarships Foundation) fellowships of excellence for postdoctoral research studies in Greece –SIEMENS program, 2013-2015
- Research Committee Aristotle University of Thessaloniki, Scholarship of Excellence for postdoctoral researchers 2012

## **PROFESSIONAL EXPERIENCE**

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- June 2018-Present. Hellas Gold. Underground Mine Production Geologist at Olympias Mine.
- May 2015-June 2018. GAIA S.A. Project Manager-supervising geologist at -2015/DELINEATION DRILLING/EAST ORE Olympias, Chalkidiki Hellas Gold project and -Construction of Monitoring & Sampling wells at the area of Skouries, Olympias, Stratoni project.
- October 2013-April 2015. Geotest Consulting Engineers S.A. Drilling Supervisor at Skouries Mining Project (NE Chalkidiki), responsible for core orientation, packer tests and down-hole surveys.
- September 2011-June 2012. Hellenic Army General Staff (Greece). Scientific consultant including duties such as petrology and mechanical properties and 2D modelling of the Holocene fluvial sediments of the Evros Region.

## **TEACHING EXPERIENCE**

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- 2005-2011: Aristotle University of Thessaloniki, Greece, School of geology, Faculty of Mineralogy-Petrology-Economic geology, Laboratory courses:
  - Mineralogy
  - Rock forming minerals
  - Petrology of igneous rocks
  - Petrology of sedimentary rocks
  - Petrology of metamorphic rocks
- 2006-2009: National Vocational Training Institutes, Greece:
  - Mineralogy,
  - Introduction to designing software (Autocad)
  - English language
- 2016, 2018: Collaboration to the completion of one Masters thesis<sup>1</sup> and one BSc Thesis: Aristotle University of Thessaloniki, Greece, School of geology, Faculty of Mineralogy-Petrology-Economic geology.  
<sup>1</sup>Geochemical Investigation for REE in the Paranesti granite (Rhodope Mass) by J. Mihajlovic, 2016  
<sup>2</sup>REE content in the beach sands of Aggelochori area by S. Lazaridis and A. Kipourou-Panagiotou, 2018.

## **FIELD EXPERIENCE**

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- 2007-Present: Sampling for doctoral and post-doctoral research purposes.
- 2005-2011: Teaching assistant in field trips concerning petrology, mineralogy and geochemistry; Aristotle University of Thessaloniki, School of geology, Faculty of Mineralogy-Petrology-Economic geology.

## **SCIENTIFIC AFFILIATIONS**

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Member of:

- European Association of Geochemistry

- Hellenic Nuclear Physics Society
- Hellenic Geological Society
- Hellenic Sedimentology Society

#### *PROFESSIONAL AFFILIATIONS*

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Member of:

- Geotechnical Chamber of Greece
- Economic Chamber of Greece

#### *CONFERENCE ORGANIZER*

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- 10<sup>th</sup> International Conference of the Hellenic Geological Society, Thessaloniki, 2004.
- 2<sup>nd</sup> Conference of the Committee of Economic Geology of the Hellenic Geological Society. Thessaloniki 2005.
- XIX CBGA Congress of the Carpatho-Balkan Geological Association, Thessaloniki, Greece, 2010.

#### *MEMBER OF SCIENTIFIC COMMITTEES*

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Member of the Committee of the Scientific Annals of the School of Geology, Aristotle University of Thessaloniki.

#### *INVITED SPEAKER*

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“Granitic rocks of Macedonia-Thrace’. May 2011. Seminar organized by the Prefecture of Drama.

#### *SKILLS*

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##### HANDLING OF SCIENTIFIC EQUIPMENT

Handling of the Powder X-Ray Diffraction (PXRD) Phillips PW1710.  
Handling of the necessary scientific equipment (magnetic separator, heavy liquids) used for geochemistry-dating purposes.  
Preparation of polished/thin sections.

##### COMPUTING

- AUTOCAD
- SPSS
- DATAMINE
- COREL
- Variety of programs related to petrology-geochemistry
- LEAPFROG

##### LANGUAGES

English (fluently)  
French  
Greek (mother tongue)

##### OTHER SKILLS

Valid EU driving licence acquired in April 2002

#### *PUBLICATIONS AND CONFERENCE CONTRIBUTIONS*

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##### **A) FULL PAPERS**

##### **A1. Scientific Journals**

##### **A1.1. Accepted papers in journals with impact factor**

- 1) **Papadopoulos A.**, Christofides G., Koroneos A., Stoulos S. and Papastefanou C. (2012). Natural radioactivity and dose assessment of granitic rocks from the Atticocycladic Zone (Greece). *Periodico di Mineralogia* 81, 3, 301-311.
- 2) **Papadopoulos A.**, Christofides G., Koroneos A., Stoulos S. and Papastefanou C. (2013). Radioactive secular equilibrium in  $^{238}\text{U}$  and  $^{232}\text{Th}$  series in granitoids from Greece. *Applied Radiation and Isotopes* 75, 95-104.
- 3) **Papadopoulos A.**, Christofides G., Koroneos A. and Poli G. (2013). Concentration of  $^{238}\text{U}$  and  $^{232}\text{Th}$  among constituent minerals of two igneous plutonic rocks exhibiting elevated natural radioactivity levels. *Journal of Radioanalytical and Nuclear Chemistry*, 298, 639-650.
- 4) **Papadopoulos A.**, Christofides G., Koroneos A., Papadopoulou L., Papastefanou C. and Stoulos S. (2013). Natural radioactivity and radiation index of the major granitic plutons in Greece. *Journal of Environmental Radioactivity*, 124, 227-238.
- 5) **Papadopoulos A.**, Christofides G., Koroneos A. and Stoulos S. (2014). Natural radioactivity distribution and gamma radiation exposure at beach sands come from Sithonia Peninsula, Greece. *Central European Journal of Geosciences* 6(2), 229-242
- 6) **Papadopoulos A.**, Giouri K., Tzamos E., Filippidis A. and Stoulos S. (2014). Natural radioactivity and trace element composition of natural clays used as cosmetic products in the Greek market. *Clay Minerals*, 49, 53-62.
- 7) **Papadopoulos A.**, Christofides G., Koroneos A., Papastefanou C. and Stoulos S. Distribution of  $^{238}\text{U}$ ,  $^{232}\text{Th}$  and  $^{40}\text{K}$  in plutonic rocks of Greece. *Chemie der Erde* 74 (4), 749-764
- 8) Georgiadis I.K., **Papadopoulos A.**, Kantiranis N., Filippidis A. and Tsirambides A. Sorption of malachite green from aqueous solutions onto raw diasporic bauxite. *Journal of Environmental Protection and Ecology* 15 (2), 606-615
- 9) **Papadopoulos A.**, Christofides G., Pe-Piper G., Papadopoulou L., Koroneos A. Geochemistry of beach sands from Sithonia Peninsula (Chalkidiki, N. Greece). *Mineralogy and Petrology* 109 (1), 53-66
- 10) **Papadopoulos A.**, Christofides G., Koroneos A., Hauzenberger C. (2015).  $^{238}\text{U}$ ,  $^{232}\text{Th}$  and REE content of heavy minerals from beach sand samples of Sithonia Peninsula (northern Greece), *Neues Jahrbuch für Mineralogie*, 192/2, 107-116
- 11) **Papadopoulos A.**, Koroneos A., Christofides G. and Stoulos S. (2015). Natural radioactivity distribution and gamma radiation exposure at beach sands close to Kavala pluton, Greece. *Open Journal of Geosciences* 1, 407-422
- 12) **Papadopoulos A.**, Koroneos A., Christofides G., Papadopoulou L. (2016) Geochemistry of beach sands from Kavala, Northern Greece. *Italian Journal of Geosciences*. 135, 3, 1-14
- 13) **Papadopoulos A.**, Koroneos A., Christofides G. and Stoulos S. (2016) Comparison of  $^{226}\text{Ra}/^{238}\text{U}$  and  $^{228}\text{Th}/^{228}\text{Ra}$  disequilibrium with weathering indices in beach sand sediments from Greece. *Journal of Sedimentary Research*, 86, 668–682
- 14) Bourliva A., Christophoridis C., Papadopoulou L., Giouri K., **Papadopoulos A.**, Mitsika E., Fytianos K. (2016). Characterization, heavy metal content and health risk assessment of urban road dusts from the historic center of the city of Thessaloniki, Greece. *Environmental Geochemistry and Health*. DOI 10.1007/s10653-016-9836-y
- 15) **Papadopoulos A.**, Koroneos A., Christofides G., Papadopoulou L., Tzifas I., Stoulos S. (2016). Assessment of gamma radiation exposure of beach sands in highly touristic areas associated with plutonic rocks of the Atticocycladic zone (Greece). *Journal of Environmental Radioactivity*, 162-163, 235-243
- 16) **Papadopoulos A.**, Altunkaynak S., Koroneos A., Unal A., Kamaci O. (2016). Distribution of natural radioactivity and assessment of radioactive dose of Western Anatolian plutons, Turkey. *Turkish Journal of Earth Sciences*. 25, 434-455.

- 17) **Papadopoulos A.**, Altunkaynak S., Koroneos A., Unal A., Kamaci O. (2017). Geochemistry of uranium and thorium and natural radioactivity levels of the Western Anatolian plutons, Turkey. *Mineralogy and Petrology* 111 (5), 677-691.
- 18) Tzamos E., Kapsiotis A., Filippidis A., Koroneos A., Grieco G., Ewing Rassios A., Kantiranis N., **Papadopoulos A.**, Gamaletsos P.N., Godelitsas A. (2017). Metallogeny of the Chrome Ores of the Xerolivado-Skoumtsa Mine, Vourinos Ophiolite, Greece: Implications on the genesis of IPGE-bearing high-Cr chromitites within a heterogeneously depleted mantle section. *Ore Geology Reviews* 90, 226-242.
- 19) Tzifas I.T., Misaelides P., Godelitsas A., Gamaletsos P.N., Nomikou P., Karydas A. G., Kantarelou V., **Papadopoulos A.** (2017). Geochemistry of coastal sands of Eastern Mediterranean: The case of Nisyros volcanic materials. *Chemie der Erde*. 77 (3), 487-501.
- 20) **Papadopoulos A.** Geochemistry and REE content of beach sands along the Atticocycladic coastal zone, Greece (2018). *Geosciences Journal* DOI: 10.1007/s12303-018-0004-5
- 21) **Papadopoulos A.** 226Ra/238U and 228Th/228Ra disequilibrium as weathering indices in beach sand sediments associated with granitoids from Cyclades. Greece (2018). *Applied Geochemistry*. <https://doi.org/10.1016/j.apgeochem.2018.12.002>
- 22) Tzifas I.T., **Papadopoulos A.**, Misaelides P., Godelitsas A., Gottlicher J., Tsikos H., Gamaletsos P.N., Luvizotto G., Karydas A.G., Petrelli M., Noli F., Kantarelou V., Kontofakas A., Hatzidimitriou A. (2019). New insights into mineralogy and geochemistry of allanite-bearing Mediterranean coastal sands from Northern Greece. *Geochemistry* 79 (2019) 247–267.
- 23) **Papadopoulos A.**, Tzifas I.T., Tsikos H. (2019). The Potential for REE and Associated Critical Metals in Coastal Sand (Placer) Deposits of Greece: A Review. *Minerals* <https://doi.org/10.3390/min9080469>.

#### **A1.2. Peer-reviewed accepted full papers in journals (without impact factor)**

- 1) Tsirambides A., Georgiadis I.K., **Papadopoulos A.A.**, Ziafetis A.A. and Giouri A.N. (2007). Mineralogical and Geochemical Study of Neogene Red Beds from Moudania and Potidea, Chalkidiki (Macedonia, Greece). *Bulletin of the Geological Society of Greece* 40 (2), 1022-1031
- 2) **Papadopoulos A.**, Christofides G., Papastefanou C., Koroneos A. and Stoulos S. (2010). Radioactivity of granitic Rocks from Northern Greece. *Bulletin of the Geological Society of Greece* 43 (5), 2680-2691
- 3) **Papadopoulos A.** (2012). Secular Radioactive Equilibrium of U and Th radioactive series in Plutonic rocks of Greece. *Scientific Annals, School of Geology, Aristotle University of Thessaloniki. Special Publication in memory of Prof. C. Soldatos. Special Volume 101*, 87-94.
- 4) **Papadopoulos A.**, Christofides G., Koroneos A., Papastefanou C. & Stoulos S. (2012). Natural Radioactivity of the Granitic Plutons of Atticocycladic Zone. *Scientific Annals, School of Geology, Aristotle University of Thessaloniki. Special Publication in memory of Prof. C. Soldatos. Special Volume 101*, 95-101.
- 5) Tzamos E., Filippidis A., Tsirambides A., **Papadopoulos A.**, Apostolidis N., Vouta S., Kalapaliki S. and Paragios I. (2012) Mineralogy, Chemistry and Ion-Exchange Capacity of the Avdella-Metaxades (Evros, Greece) Zeolitic Tuffs. *Scientific Annals, School of Geology, Aristotle University of Thessaloniki. Special Publication in memory of Prof. C. Soldatos. Special Volume 101*, 119-124.
- 6) Georgiadis I.K., **Papadopoulos A.**, Filippidis A., Godelitsas A., Tsirambides A.1 and Vogiatzis D. (2013). Removal of malachite green dye from aqueous solutions by diasporic green raw bauxite. *Bulletin of the Geological Society of Greece*, 47 (2), 927-933.

- 7) Giouri A., **Papadopoulos A.**, Bourliva A., Tzamos E., Papadopoulou L. and Filippidis A. (2013). Trace element content and morphological characteristics of commercially available clays used as cosmetic products. *Bulletin of the Geological Society of Greece* 47 (2), 812-817
- 8) **Papadopoulos A.**, Koroneos A., Christofides G. and Stoulos S. (2015). Natural radioactivity distribution and gamma radiation exposure of beach sands close to Maronia and Samothraki plutons, NE Greece. *Geologica Balcanica* 43, 1-3, 99-107.
- 9) Poli G., Christofides G., Koroneos A., Soldatos T., Papadopoulou L., Manetti P., **Papadopoulos A.**, Rocchi S. (2015). Petrogenesis of Eocene Agios Gregoriou plutonic complex (Mt. Athos, Chalkidiki, Greece): Interplay between magma mixing, assimilation and fractional crystallization. *Acta Vulcanologica*, Special Issue, a volume dedicated to Professor George Eleftheriadis, 121-151.
- 10) **Papadopoulos A.**, Koroneos A., Christofides G. and Stoulos S. (2016). <sup>226</sup>Ra/<sup>238</sup>U Disequilibrium as a weathering index in heavy minerals enriched beach sand sediments from Sithonia and Kavala. *Scientific Annals, School of Geology, Aristotle University of Thessaloniki*. Special Publication in memory of Prof. A. Kasoli-Fournaraki. Special Volume 105, 45-52.
- 11) **Papadopoulos A.**, Altunkaynak S., Koroneos A., Unal A., Kamaci O. (2016) Natural radioactivity of Western Anatolian plutons, Turkey. *Bulletin of the Geological Society of Greece* 50 (4), 2332-2341
- 12) Tzamos E., **Papadopoulos A.**, Grieco G., Stoulos S., Bussolesi M., Daftsis E., Vagli E., Dimitriadis D., Godelitsas A., (2019). Investigation of Trace and Critical Elements (Including Actinides) in Flotation Sulphide Concentrates of Kassandra Mines (Chalkidiki, Greece). *Geosciences* 9 (4), 164, <https://doi.org/10.3390/geosciences9040164>

### A1.3. Peer-reviewed accepted full papers in International Congresses

- 1) **Papadopoulos A.** (2006). Industrial Minerals as fillers in the paper and color industries. *GAEA 14B.*, 685-688. In Greek.
- 2) Giouri, A. and **Papadopoulos, A.** (2008). Assessment of the water management in the Polyphyto reservoir, Western Macedonia, Greece. *Proceed. Of the 3<sup>d</sup> International Conference in Water Science and Technology with emphasis on water & climate «AQUA 2008»*, 16-19 October, Athens, Greece. 6p.
- 3) **Papadopoulos A.**, Christofides G. and Koroneos A. (2010). Determinants of the demand for granites in the domestic market of Greece. *Scientific Annals, School of Geology, Aristotle University of Thessaloniki Proceedings of the XIX CBGA Congress, Thessaloniki, Greece, Special volume 99*, 435-442.
- 4) Bourliva A., **Papadopoulos A.**, Giouri A., Papadopoulou L., Kantiranis N. (2010). On the mineralogy, physical characteristics and the main elemental content of urban road dust particles from the historic centre of the city of Thessaloniki, Northern Greece. *Scientific Annals, School of Geology, Aristotle University of Thessaloniki Proceedings of the XIX CBGA Congress, Thessaloniki, Greece, Special volume 100*, 31-38.
- 5) Bourliva A., Christoforidis C., **Papadopoulos A.**, Giouri A., Papadopoulou L., Kantiranis N., Kollias P. and Fytianos K. (2011). Determination of mineralogy, morphology and heavy metal content of urban road dust in the historic centre of the city of Thessaloniki. *4th Environmental Cong. of Macedonia, March, 18-20, 2011, Thessaloniki, Proc.*, 8 p.
- 6) Christofides G., Pipera K., Koroneos A. and **Papadopoulos A.** (2012). New geochronological data from the Xanthi pluton: Constraints on the Nestos thrust dating. *Proceedings of the International Congress "Geological Schools of*

- Bulgaria, The School of prof. Zhivko Ivanov. "Exhumation of High-grade Metamorphic Rocks, Magmatic Arc Systems and Strike-slip Zones" Sofia, 49-52.
- 7) Giouri K., **Papadopoulos A.**, Tzamos E., Melfos V. (2014). Geochemical indices of selected heavy metals in estuarine sediments of Koronia Lake (C. Macedonia, Greece). 12th International Conference on Protection and Restoration of the Environment, Skiathos island, June 29-July 3, 2014.
  - 8) **Papadopoulos A.**, Koroneos A., Christofides G., and Stoulos S. (2014). Natural radioactivity distribution and gamma radiation exposure of beach sands close the granitoids of NE Chalkidiki, Greece. 10th International Congress of the Hellenic Geographical Society Thessaloniki 22th-24th of October 2014.
  - 9) **Papadopoulos A.**, Koroneos A., Christofides G., Stoulos S. (2015). Natural radioactivity distribution and gamma radiation exposure of beach sands close to the granitoids of Northern Greece. 14th International Conference on Environmental Science and Technology, Rhodes 3-5 September 2015.

#### **A1.4. Peer-reviewed accepted full papers in book chapters**

- 1) Filippidis A., Tsirambides A., Kantiranis N., Tzamos E., Vogiatzis D., Papastergios G., **Papadopoulos A.** and Filippidis S. (2011). Purification of wastewater from Sindos industrial area of Thessaloniki (N. Greece) using Hellenic Natural Zeolite. Environmental Earth Sciences, Springer-Verlag Berlin, Advances in the Research of Aquatic Environment, Vol. 2, 435-442.

#### **B) EXTENDED ABSTRACTS**

- 1) Giouri A.N., Georgiadis I.K., **Papadopoulos A.A.**, Ziafetis A.A. and Drakoulis A.T. (2006). Lithology, Mineralogy and Potential Uses of the Polyphytos Fluvial Sentiments (Aliakmon River, Greece). Abstracts of the Meeting on Silicate Based Materials, 25/8-3/9/2006. Department of Mineralogy, EÖTVÖS LORÁND University, Budapest, Hungary, 10.
- 2) **Papadopoulos A.A.**, Giouri A.N., Tzamos E.I. and Georgiadis, I.K. (2007). A preliminary study of the Quaternary-Neogene clastic sediments of Axios-Thermaikos trough (Macedonia, Northern Greece). Abstracts of the ASBESTOS 2007 Erasmus IP on advanced technical mineralogy, 24/8-2/9/2007. Department of Mineralogy, EÖTVÖS LORÁND University, Budapest, Hungary, 14.
- 3) Georgiadis, I.K., Pipera K. K., Frantzana A.D. and **Papadopoulos A.A.** (2007). A preliminary study of the weathering profile of the Sithonia Pluton (Macedonia, N.Greece). Abstracts of the ASBESTOS 2007 Erasmus IP on advanced technical mineralogy, 24/8-2/9/2007. Department of Mineralogy, EÖTVÖS LORÁND University, Budapest, Hungary, 8.
- 4) **Papadopoulos A.**, Christofides G., Papastefanou C., Koroneos A. and Stoulos S. (2009). Radioactivity of granites from northern Greece. Abstracts of the European Mineralogical Union (EMU) summer school on Industrial Minerals. Technical University of Crete, Chania, 10/7-20/7/2009.
- 5) **Papadopoulos A.**, Bourliva A., Giouri A. and Tzamos E. (2009). Mineralogical, chemical composition and potential uses of Gerakini magnesite, Chalkidiki, Macedonia, Hellas. Abstracts of the European Mineralogical Union (EMU) summer school on Industrial Minerals. Technical University of Crete, Chania, 10/7-20/7/2009.
- 6) **Papadopoulos A.**, Christofides G., Papastefanou C., Koroneos A. and Stoulos S. (2010). Natural radioactivity of granites from Aegean islands (Atticocycladic Zone). Abstracts of the ADVANCECLAY 3 Erasmus IP, 27/8-7/9/2010. Department of Mineralogy, EÖTVÖS LORÁND University, Budapest, Hungary, 8.

- 7) **Papadopoulos A.**, Christofides G., Papastefanou C., Koroneos A. & Stoulos S. (2010). Natural radioactivity of granites from Aegean islands (Atticocycladic Zone). *Geologica Balcanica* 39, 292-293p.
- 8) **Papadopoulos A.**, Christofides G. Koroneos A. (2010). The granite market in Greece. *Geologica Balcanica* 39, 292p.
- 9) Bourliva A., **Papadopoulos A.**, Giouri A., Papadopoulou L. and Kantiranis N. (2010). On the mineralogy, physical characteristics, and main elemental content of urban road dust particles from the historic centre of the city of Thessaloniki, northern Greece. *Geologica Balcanica* 39, 54p.
- 10) Filippidis A., Tsirambides A., Tzamos E., Vogiatzis D., Papastergios G., Georgiadis I., **Papadopoulos A.**, Filippidis S. (2011). Purification of Wastewater from Thessaloniki Industrial Area using Hellenic Natural Zeolite. 21<sup>st</sup> Panhellenic Chemistry Conference. Ext. Abstr.
- 11) **Papadopoulos A.**, Christofides G., Papastefanou C., Koroneos A. & Stoulos S. (2011). Natural Radioactivity of Granitic Plutons of Northern Greece. Ext. Abstr. 17th Meeting of the Association of European Geological Societies. BELGRADE, 14–18 September 2011, 209-209p.
- 12) Giouri A., **Papadopoulos A.**, Bourliva A. and Tzamos E. (2012). Trace element impurities in commercially available clays used as cosmetic products. Book of Abstracts of the 9th International Symposium on Environmental Geochemistry, 227-228, 15-22 July, Aveiro, Portugal.
- 13) Giouri A., Tzamos E. and **Papadopoulos A.** (2012). Heavy metal distribution in estuarine sediments of Koronia lake, Central Macedonia, Northern Greece. Book of Abstracts of the 9th International Symposium on Environmental Geochemistry, 227-228, 15-22 July, Aveiro, Portugal.
- 14) **Papadopoulos A.**, Christofides G., Koroneos A., Papadopoulou L., Papastefanou C., Stoulos S. (2013). Natural radioactivity and radiation index of the major plutonic bodies in Greece. 23th Symposium of the Hellenic Nuclear Physics Society, Athens, Greece.
- 15) **Papadopoulos A.**, Christofides G., Pe-Piper G. and Koroneos A., (2013). LREE-rich beach sands from Sithonia Peninsula (Chalkidiki, Greece). *Goldschmidt 2013 Conference Abstracts Mineralogical Magazine*. 1921p. DOI:10.1180/minmag.2013.077.5.16
- 16) Giouri K., **Papadopoulos A.**, Bourliva A., Tzamos E., Papadopoulou L. Ntounoglou K. and Filippidis A. (2013). Enrichment of Pb, Se, As, U and Cs in commercial cosmetic clays. *Goldschmidt 2013 Conference Abstracts Mineralogical Magazine*. 1176p. DOI:10.1180/minmag.2013.077.5.7
- 17) **Papadopoulos A.**, Koroneos A., Christofides G., Stoulos S. (2015). <sup>226</sup>Ra/<sup>238</sup>U Disequilibrium as a Weathering Index in Heavy Minerals-Enriched Beach Sand Sediments. *Goldschmidt 2015 Conference Abstracts*
- 18) Godelitsas A., Tzamos E., Filippidis A., Sokaras D., Wenk T-C., Griego G., **Papadopoulos A.**, Stoulos S., Gamaletsos P., Mertzimekis T., Daftsis E., Dimitriadis D. (2015). New Insights into the Mineral Chemistry of Au-Bearing pyrite/As-Pyrite/arsenopyrite Concentrate from Olympias Deposit, Kassandra Mines (Chalkidiki, Greece). *Goldschmidt 2015 Conference Abstracts*
- 19) **Papadopoulos A.**, Koroneos A., Christofides G., Stoulos S. (2016). Assessment of gamma radiation exposure and distribution of natural radioactivity in beach sands associated with plutonic rocks of Greece. EGU General Assembly Conference, Vienna.
- 20) **Papadopoulos A.**, Koroneos A., Christofides G., Stoulos S. (2016). Assessment of gamma radiation exposure and distribution of natural radioactivity in beach sands close to plutonic rocks of Greece. 25th Symposium of the Hellenic Nuclear Physics Society, Athens, Greece.
- 21) **Papadopoulos A.**, Koroneos A., Christofides G., Stoulos S. (2017). Comparison of <sup>226</sup>Ra/<sup>238</sup>U and <sup>228</sup>Th/<sup>228</sup>Ra disequilibrium with weathering indices in beach sand



- sediments associated with granitoids from Cyclades, Greece. Migration 2017 Conference, Barcelona
- 22) Tzamos E., Grieco G., Bussolesi M., **Papadopoulos A.**, Stoulos S., Daftsis E., Dimitriadis D., Gamaletsos P., Godelitsas A., Filippidis A. 2018. Mineral chemistry of sulphide minerals in concentrates of the Kassandra mines (Chalkidiki, Greece). XXI International Congress of the CBGA, Salzburg, Austria, September 10-13, 2018, Abstracts
  - 23) Tzamos E., Douvalis A., Rassios A., Bussolesi M., Grieco G., **Papadopoulos A.**, Godelitsas A. (2019) Iron oxidation state in Greek Cr-ore minerals Bulletin of the Geological Society of Greece, Sp. Pub. 7 Ext. Abs. GSG2019-381
  - 24) **Papadopoulos A.**, Tzamos E., Pagona E., Grieco G., Kasinos A., Tziritis E., Mitrakas M., Zouboulis A. (2019). Mineralogical and Geochemical Investigation of the Alteration of Ultramafic Magnesite-Hosting Rocks from Gerakini (Chalkidiki, Northern Greece). Bulletin of the Geological Society of Greece, Sp. Pub. 7 Ext. Abs. GSG2019-382
  - 25) Tzamos E., Grieco G., Pagona E., **Papadopoulos A.**, Bussolesi M., Mitrakas M., Zouboulis A. (2019). First report of Fe inclusions in olivine: olivine from the magnesite-hosting ultramafic rocks of Gerakini, Chalkidiki, Northern Greece. Bulletin of the Geological Society of Greece, Sp. Pub. 7 Ext. Abs. GSG2019-380
  - 26) Tzifas I.T, Gamaletsos P.N., **Papadopoulos A.**, Godelitsas A., Kantiranis N., Misaelides P., Filippidis A. (2019). Actinides and Rare Earth Elements (REE) in Sedimentary Formations of Greece: A Review. Bulletin of the Geological Society of Greece, Sp. Pub. 7 Ext. Abs. GSG2019-092
  - 27) Lazaridis S., Kipourou-Panagiotou A., **Papadopoulos A.**, Kantiranis N., Koroneos A., Albanakis K. (2019). Rare Earth Elements in the Black Sands From Coastal Cliffs Sedimentary Deposits, of Aggelochori Area. Bulletin of the Geological Society of Greece, Sp. Pub. 7 Ext. Abs. GSG2019-385

#### **WORKSHOP PARTICIPATION**

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- 2010: "Advanceclay 3" programme. Department of Mineralogy EÖTVÖS LORÁND University, Budapest, Hungary, 27/8/2010-7/9/2010.
- 2009: European Mineralogical Union (EMU) summer school on Industrial Minerals. Technical University of Crete, Chania, 10/7-20/7/2010.
- 2008: "Advanceclay" programme. Department of Mineralogy EÖTVÖS LORÁND University, Budapest, Hungary, 18/7/2008-29/7/2008.
- 2007: "Asbestos 2007" programme. Department of Mineralogy EÖTVÖS LORÁND University, Budapest, Hungary, 24/8/2007-2/9/2007.
- 2006: Meeting on Silicate Based Materials. Department of Mineralogy EÖTVÖS LORÁND University, Budapest, Hungary, 25/8/2006-3/9/2006.

#### **JOURNAL REVIEWER**

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Journal of Environmental Radioactivity

Applied Radiation and Isotopes

Journal of Radioanalytical and Nuclear Chemistry

Central European Journal of Geosciences

Journal of Earth Science & Climatic Change

Applied Clay Sciences

Environmental Earth Sciences

Minerals

Scientific Reports (Nature)

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***INTERESTS AND HOBBIES***

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Basketball, football, swimming, running, airplane modelling