

## Brief Curriculum Vitae

### I. Personal Information

Name: **Panagiotis G. Pomonis**

Place of birth: Athens, Greece

Present Position: Associate Professor

Address: National & Kapodistrian University of Athens,  
School of Sciences  
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Languages: Greek (native), French ( ), English

### II. Education

#### Postgraduate studies

- 2005-2007: Post-Doctoral Researcher, University of Patras, Department of Geology: “*Study for the exploitation of mafic and ultramafic rocks from the ophiolitic complexes of Greece and their uses as “marbles”, aggregates and refractory materials”*”.
- 1996-2003: Ph.D. Thesis, University of Patras, Department of Geology, Thesis title: “*The Koziakas ophiolite: Geological study – Petrogenetic evolution – Geotectonic interpretation”*”.

#### Undergraduate studies

- 1991-1995: BSc. Geology, University of Patras, Department of Geology, Patras, Greece
- 1990: Lycée Leonin, N. Smyrni, Athens, Greece

### III. Scholarships, Prizes, Fellowships

- 1991-1995: Scholarships from the Greek State Scholarships Foundation.
- June-August 1993 Scholarship ERASMUS from the EU, “Courses in Geological mapping and Structural Geology”, University of Berlin, Germany.
- January 1996 Prize for first-rate performance during undergraduate studies from the Greek Ministry of Mercantile Marine.
- 1996-1999 Postgraduate scholarship from the Greek State Scholarships Foundation.
- 2014 “Ktenas” award from the Academy of Sciences of Athens, for the work “Subduction-related rodingites from East Othris, Greece: Mineral reactions and physicochemical conditions of formation”.

### IV. Research activities

- 1992-1994: Research staff at the Research Project: “Ophiolitic occurrences of Samothrace and Lesbos islands: geotectonic significance and possibility of ore deposits exploitation” funded from the General Secretariat for Research and Technology. Supervisor: Ass. Prof. Dr. K. Hatzipanagiotou.
- 1998-2001: Research staff at the Research Project “K. KARATHEODORI” titled: “Geological – Petrological – Geochemical – Isotopic study of the ophiolite suites in Koziakas and Ili mountains (Greece): Geotectonic significance and their palaeogeographic incorporation in the broad area of the Alpine ophiolites of SE Mediterranean” funded by the Research Committee of the University of Patras. Supervisor: Assoc. Prof. Dr. K. Hatzipanagiotou.
- 11-16/1/1999 & 5-10/6/2000: Research staff at the Training and Mobility for Researchers (TMR) Project, University of Bristol, U.K., whole-rock analyses using ICP-MS, ICP-AES, XRF and microprobe analyses of rock-forming minerals. Supervisor Prof. Dr. B. J. Wood.
- 1/3/2004 – 31-12-2007: Postdoctoral researcher at the Research Project “PYTHAGORAS I” : “Study for the exploitation of mafic and ultramafic rocks from the ophiolitic complexes of Greece and their uses as

“marbles”, aggregates and refractory materials”, funded by the E.U. and the Ministry of National Education and Religious Affairs. Supervisor: Prof. Dr. K. Hatzipanagiotou.

## V. Employment history

- **1995-2000:** “Petrography of magmatic rocks” (description and classification of magmatic rocks) and “Petrography of sedimentary and metamorphic rocks” (description and classification of sedimentary and metamorphic rocks) teaching assistant 3<sup>rd</sup> and 4<sup>th</sup> semester, University of Patras, Department of Geology, Section of Earth Materials.
- **1995-2000:** Supervising assistant of 6 graduate theses referred to petrographic and geochemical studies of ophiolite rocks from the Koziakas, Pindos and Troodos ophiolite complexes. University of Patras, Department of Geology, Section of Earth Materials.
- **2004-2006:** Visiting Ass. Professor, teaching “Petrography of magmatic rocks” (description and classification of magmatic rocks) and “Petrography of sedimentary and metamorphic rocks” (description and classification of sedimentary and metamorphic rocks) 4<sup>th</sup> and 5<sup>th</sup> semester, supervising assistant in two Ph.D. theses and several graduate theses referred to the ophiolitic rocks of Greece and their exploitation, University of Patras, Department of Geology, Section of Earth Materials.
- **2007-2012:** Lecturer at the National and Kapodistrian University of Athens (NKUA), Department of Geology and Geoenvironment, Section of Mineralogy and Petrology.
- **2012-2019:** Assistant Professor at the NKUA, Department of Geology and Geoenvironment, Section of Mineralogy and Petrology.
- **2019-today:** Associate Professor at the NKUA, Department of Geology and Geoenvironment, Section of Mineralogy and Petrology.

## VI. Selected research publications

- Pomonis, P.** (2020): Deposit 39 of the Prehistoric Cemetery at Tsepi (Marathon, Greece): Preliminary Results from the Petrographic Analysis of the Pottery. Proceedings of the International Conference Athens and Attica in Prehistory, Athens 27-31 May 2015, 251-255.
- Petrounias, P., Rogkala, A., Giannakopoulou, P.P., Lampropoulou, P., Koutsovitis, P., Koukouzas, N., Laskaris, N., **Pomonis, P.** & Hatzipanagiotou, K. (2020): Removal of Cu (II) from Industrial Wastewater Using Mechanically Activated Serpentinite. *Energies*, 13, 2228.
- Arvanitis, A., Koutsovitis, P., Koukouzas, N., Tyrologou, P., Karapanos, D., Karkalis, C. & **Pomonis, P.** (2020): Potential Sites for Underground Energy and CO<sub>2</sub> Storage in Greece: A Geological and Petrological Approach. *Energies*, 13, 2707.
- Hatzipanagiotou, K., Kalpogiannaki, M., Petrounias, P., Rogkala, A., Giannakopoulou, P.P., , **Pomonis, P.** & Tsikouras, B. (2019): The impact of secondary phyllosilicate minerals on concrete strength produced from mafic and ultramafic aggregate rocks. *Bulletin of the Geological Society of Greece*, 7, 675-676.
- Liard, F., **Pomonis, P.**, Koutsovitis, P., Gait, J., and Stamatakis, M. (2018) Ophiolites Associated with Pottery Production in Bronze Age Crete. *Archaeometry*, 60: 731– 749.
- Giannakopoulou, P.P., Petrounias, P., Rogkala, A., Tsikouras, B., Stamatis, P.M., **Pomonis, P.**, Hatzipanagiotou, K. (2018): The Influence of the Mineralogical Composition of Ultramafic Rocks on Their Engineering Performance: A Case Study from the Veria-Naousa and Gerania Ophiolite Complexes (Greece). *Geosciences* 2018, 8, 251.
- Pomonis, P** & Magganas, A. (2017): Petrogenetic Implications for Ophiolite Ultramafic Bodies from Lokris and Beotia (Central Greece) Based on Chemistry of Their Cr-spinels. *Geosciences MDPI*, 7, 10; doi:10.3390/geosciences7010010
- Stouraiti, C., Pantziris, I., Vasilatos, C., Kanellopoulos, C., Mitropoulos, P., **Pomonis, P.**, Moritz, R., Chiaradia, M. (2017): Ophiolitic Remnants from the Upper and Intermediate Structural Unit of the Attic-Cycladic Crystalline Belt (Aegean, Greece): Fingerprinting Geochemical Affinities of Magmatic Precursors. *Geosciences*, 7, 14.
- Xydous, S., Magganas, A., **Pomonis, P.** & Kokkinakis, A. (2016): Tourmalinite veins and breccias from the Symvolon-Kavala pluton, northern Greece: petrogenetic preliminary results. *Bulletin of the Geological Society of Greece*, 50(4), 2079-2087.

- Πομωνής, Π.** (2016): Το κεραμικό σύνολο από τον Αποθέτη 39: Προκαταρκτικά αποτελέσματα από την πετρογραφική ανάλυση. - ΠΑΝΤΕΛΙΔΟΥ ΓΚΟΦΑ Μ. (Εκδ.): "Τσέπι Μαραθώνος, Ο Αποθέτης 39 του Προϊστορικού Νεκροταφείου", Βιβλιοθήκη της εν Αθήναις Αρχαιολογικής Εταιρείας Αρ. 310: 275-296.
- Pappas, T. & **Pomonis, P.** (2016): Lithic raw materials in the Middle Kalamas basin, Thesprotia, NW Greece: a petrographical approach
- Rigopoulos, I., Tsikouras, B., **Pomonis, P.** & Hatzipanagiotou, K. (2015): Assessment of the engineering behavior of ultramafic and mafic rocks using chemical indices. – Engineering Geology, 196, 222-237.
- Rigopoulos, I., Tsikouras, B., **Pomonis, P.** & Hatzipanagiotou, K. (2014): Correlations between petrographic and geometrical properties of ophiolitic aggregates from Greece. – Bulletin of Engineering Geology and the Environment, 73(1), 1-12.
- Rigopoulos, I., Tsikouras, B., **Pomonis, P.** & Hatzipanagiotou, K. (2013): Determination of the interrelations between the engineering parameters of construction aggregates from ophiolite complexes of Greece using factor analysis. - Construction and Building Materials, 49, 747-757.
- Rigopoulos, I., Tsikouras, B., **Pomonis, P.** & Hatzipanagiotou, K. (2013): Petrographic investigation of microcrack initiation in mafic ophiolitic rocks under uniaxial compression. – Rock Mechanics and Rock Engineering, 46(5), 1061-1072.
- Koutsovitis, P., Magganas, A., **Pomonis, P.** & Ntaflou, T. (2013): Subduction-related rodingites from East Othris, Greece: Mineral reactions and physicochemical conditions of formation. – Lithos, 172-173, 139-157.
- Pomonis, P.**, Rigopoulos, I., Tsikouras, B., Karipi, S. & Hatzipanagiotou, K. (2012): Geochemical and petrogenetic features of plagiogranite dykes in the Koziakas ophiolitic mélange (W. Thessaly, Greece). - Neues Jahrbuch für Mineralogie - Abhandlungen, 189(2), 125-137.
- Rigopoulos, I., Tsikouras, B., **Pomonis, P.** & Hatzipanagiotou, K. (2012): The impact of petrographic characteristics on the engineering properties of ultrabasic rocks from northern and central Greece. - Quarterly Journal of Engineering Geology and Hydrogeology, 45(4), 423-433.
- Pomonis, P.**, Rigopoulos, I., Tsikouras, B., Karipi, S. & Hatzipanagiotou, K. (2011): Geochemical and petrogenetic features of plagiogranite dykes in the Koziakas ophiolitic mélange (W. Thessaly, Greece). Neues Jahrbuch für Mineralogie, Abhandlungen, 189(2), 125-137.
- Ρηγοπούλου, Ι., Τσικούρας, Β., **Πομωνής, Π.**, & Χατζηπαναγιώτου, Κ. (2012): Ο ρόλος της πετρογραφίας στο σχηματισμό μικρορωγμών σε δολερίτες από το οφιολιθικό σύμπλεγμα της Πίνδου υπό την επίδραση μοναξονικής φόρτισης. - Επιστημονική Επετηρίδα, Τμήμα Γεωλογίας, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης Τιμητική έκδοση στη μνήμη του ομότιμου καθηγητή Κ. Σολδάτου, Ειδικός Τόμος 101, 103-109.
- Rigopoulos, I., Tsikouras, B., **Pomonis, P.** & Hatzipanagiotou, K. (2011): Microcracks in ultrabasic rocks under uniaxial compressive stress. Engineering Geology, 117 (1-2), 104-113.
- Rigopoulos, I., Tsikouras, B., **Pomonis, P.** & Hatzipanagiotou, K. (2010): The influence of alteration on the engineering properties of dolerites: The examples from the Pindos and Vourinos ophiolites (northern Greece). - International Journal of Rock Mechanics and Mining Sciences, 47(1), 69-80.
- Karipi, S., Tsikouras, B., Rigopoulos, I., Hatzipanagiotou, K., **Pomonis, P.** (2010): Insights into hydrothermal activity in the Ili Ophiolite (Central Greece).-Bulletin of the Geological Society of Greece, 43, 2617-2624, Proceedings 12th International Congress of the Geological Society of Greece, Patras, 19-22/5/2010.
- Perraki, M., Karipi, S., Rigopoulos, I., Tsikouras, B., **Pomonis, P.** & Hatzipanagiotou, K. (2010): Grossular/hydrogrossular in rodingites from Othrys ophiolite (central Greece): Raman spectroscopy as a tool to distinguish it from vesuvianite.-Scientific Annals of the School of Geology, Aristotle University of Thessaloniki, Special volume 99, 317-322, Proceedings of the XIX CBGA Congress, Thessaloniki, Greece, 23-26/9/2010.
- Rigopoulos, I., Tsikouras, B., **Pomonis, P.**, Karipi, S., Hatzipanagiotou, K. (2010): Quantitative analysis of Asbestos fibres in ophiolitic rocks used as aggregates and hazard risk assessment for human health.- Bulletin of the Geological Society of Greece, 43, 2712-2725, Proceedings 12th International Congress of the Geological Society of Greece, Patras, 19-22/5/2010.
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- Koutsovitis, P., Magganas, A. & **Pomonis, P.** (2008): Rodingites within scattered ophiolitic occurrences from the northern and eastern Othris area, Greece. – Proceedings of the 13th International Conference on Thermobarogeochemistry and 4th APFIS Symposium, 1, 243-246.
- Karipi, S., Tsikouras, B., **Pomonis, P.** & Hatzipanagiotou, K. (2008): Geological evolution of the Ili and Kallidromon mountains (continental Central Greece), focused on the ophiolitic outcrops.-Zeitschrift der Deutschen Gesellschaft für Geowissenschaften, 159, 549-563.
- Pomonis, P.**, Tsikouras, B., Karipi, S. & Hatzipanagiotou, K. (2008): Rodingite formation in ultramafic rocks from the Koziakas ophiolite, Western Thessaly, Greece: conditions of metasomatic alteration, geochemical exchanges and T- $X_{CO_2}$  evolutionary path. Canadian Mineralogist, 46(3), 569-581.
- Ρηγοπούλος, Ι., **Πομωνής, Π.**, Τσικουρας, Β., Χατζηπαναγιωτου, Κ. & Στουρναρας, Κ. (2008): Συγκριτική μελέτη των φυσικοκομμηχανικών ιδιοτήτων βασικών και υπερβασικών πετρωμάτων ως αδρανών υλικών από το οφιολιθικό σύμπλεγμα της Πίνδου (ΒΔ. Ελλάδα).- Πρακτικά 1ου Πανελληνίου Συνεδρίου Δομικών Υλικών και Στοιχείων, Αθήνα, 21-23/05/2008, 1085-1097.
- Καρανικα, Μ., Μαγκανας, Α. & **Πομωνής, Π.** (2008): Σχέση δομικών – ιστολογικών χαρακτηριστικών και μηχανικών ιδιοτήτων πυριγενών πετρωμάτων στη χρήση τους ως σκληρά αδρανή οδοποιίας: Παραδείγματα στον ελληνικό χώρο. – Πρακτικά 1ου Πανελληνίου Συνεδρίου Δομικών Υλικών και Στοιχείων, Αθήνα, 21-23/05/2008, 1963-1976.
- Pomonis, P.**, Tsikouras, B. & Hatzipanagiotou, K. (2007): Petrogenetic evolution of the Koziakas ophiolite complex (W. Thessaly, Greece). Mineralogy and Petrology, 89, 77-111.
- Pomonis, P.**, Rigopoulos, I., Tsikouras, B., & Hatzipanagiotou, K. (2007): Relationships between petrographic and physicommechanical properties of basic igneous rocks from the Pindos ophiolitic complex, NW Greece.- Bulletin of the Geological Society of Greece, 40, 947-958, Proceedings 11th International Congress of the Geological Society of Greece, Athens, 24-26/5/2007.
- Ρηγοπούλος, Ι., **Πομωνής, Π.**, Τσικουρας, Β. & Χατζηπαναγιωτου, Κ. (2006): Συγκριτική αξιολόγηση δολεριτών από τα οφιολιθικά πετρώματα της Πίνδου και του Βούρινου για χρήση τους ως αδρανών υλικών.-Τεχνικά Χρονικά, 26, 49-61.
- Πομωνής, Π.**, Τσικουρας, Β., Γραμματικοπούλος, Α & Χατζηπαναγιωτου, Κ. (2005): Η παρουσία σουλφιδίων Ni-Fe-Co-Cu και αυτοφυούς χαλκού στο οφιολιθικό σύμπλεγμα του Κόζιακα (Δ. Θεσσαλία).-Ορυκτός Πλούτος, 134, 19-30.
- Pomonis, P.**, Tsikouras, B. & Hatzipanagiotou, K. (2005): Geological evolution of the Koziakas Ophiolitic Complex (W. Thessaly, Greece). Ofioliti, 30(2), 75-84.
- Τσικουρας, Β., **Πομωνής, Π.**, Ρηγοπούλος, Ι. & Χατζηπαναγιωτου, Κ. (2005): Διερεύνηση καταλληλότητας βασικών οφιολιθικών πετρωμάτων της περιοχής Μικροκλεισούρας Γρεβενών για χρήση τους ως αντιολισθηρών αδρανών και Σκύρων Βάσης Σιδηροτροχιών.-Πρακτικά 2ου Συνεδρίου της Επιτροπής Οικονομικής Γεωλογίας, Ορυκτολογίας και Γεωχημείας, Θεσσαλονίκη 7-9/10/2005, 347-356.
- Pomonis, P.**, Tsikouras, B. & Hatzipanagiotou, K. (2004): Comparative geochemical study of the Triassic trachyandesites of Glykomilia and alkali basalts from the Koziakas ophiolite mélange (W. Thessaly): implications for their origin.- Bulletin of the Geological Society of Greece, 36/1, 587-596, Proceedings 10th International Congress of the Geological Society of Greece, Thessaloniki, 15-17/4/2004.
- Pomonis, P.**, Tsikouras, B. & Hatzipanagiotou, K. (2002): Origin, evolution and radiometric dating of sub-ophiolitic metamorphic rocks from the Koziakas ophiolite (W. Thessaly, Greece). Neues Jahrbuch für Mineralogie, Abhandlungen, 177/3, 255-276.
- Hatzipanagiotou, K., **Pomonis, P.** & Tsikouras, B. (2001): Origin and evolution of ultramafic rocks from the Koziakas ophiolite, continental Greece. – Braunschweiger geowissenschaftliche Arbeiten., 24, 235-247.
- Πομωνής, Π.** & Χατζηπαναγιωτου, Κ. (1998): Πετρογραφία και Γεωχημεία των υπολειμματικών περιδοσιτών της περιοχής Καλλιθέας – Δρακαίων (Δ. Σάμος).- Δελτίο της Ελληνικής Γεωλογικής Εταιρίας, Πρακτικά 8ου Συνεδρίου Ε.Γ.Ε., Πάτρα 27-29/5/1998, 32(3), 215-224.

## Abstracts

- Tsirikou-Kassimati, N., Karampelas, N. & **Pomonis, P.** (2018): Geological and mineralogical study of Tragana ophiolitic rocks, Fthiotis, Greece. – Proceedings of the 3rd European Mantle Workshop, Pavia 26-28th June (υπό έκδοση).

- Pappas, T. & **Pomonis, P.** (2016): Lithic raw materials in the Middle Kalamas basin, Thesprotia, NW Greece: a petrographical approach, Proceedings of Closing Symposium ERC "PaGE", Tubingen, 45.
- Drimoni, K., Magganas, A. & **Pomonis, P.** (2015): Is santorini volcano ready to erupt? Insights from a petrogenetical study of recent Nea Kameni lavas. –Proceedings of the 51st Annual Volcanic and Magmatic Studies Group Conference, Norwich, p. 58
- Drimoni, K., Magganas, A. & **Pomonis, P.** (2014): The 20th century eruptions of Santorini Volcano: First implications on petrological and geochemical evolution of their magmatic products. - 1st International Geo-Cultural Symposium, 6-8 June 2014, Santorini, Greece.
- Μανουσογλου, Ε., Παναγοπουλος, Γ. & **Πομωνης, Π.** (2012): Νέες θέσεις pillow lavas εντός του φλύσχη των βορείων παρυφών των Αστερουσίων Ορέων της Νότιας Κεντρικής Κρήτης: Πρόδρομα αποτελέσματα. - Extended Abstract, Επιστημονική Συνεδρία της Ελληνικής Γεωλογικής Εταιρίας, 6 Φεβρουαρίου 2012, Τεύχος Περιλήψεων, σελ. 16-17, Αθήνα.
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- Perraki, M., Karipi, S., Rigopoulos, I., Tsikouras, B., **Pomonis, P.** & Hatzipanagiotou, K. (2010): Raman spectroscopy as a tool to distinguish grossular/hydrogrossular from vesuvianite in rodingites from the Othrys ophiolite (central Greece).- XIX CBGA Congress, Thessaloniki, Greece, 23-26/9/2010, Abstract Volume, Geologica Balcanica, 39, 302-303.
- Pomonis, P.** & Magganas, A. (2009): Petrogenetic considerations of spinels from ultramafic bodies from Lokris and Beotia ophiolitic occurrences (Central Greece). Alpine Ophiolites and Modern Analogues, Parma, Italy, 30 September – 2 October 2009, Abstract Volume, 57-59.
- Koutsovitis, P., Magganas, A., **Pomonis, P.**, Karipi, S. & Tsikouras, B. (2009): Petrogenetic and Geotectonic Study of Early Formed (Triassic?) Volcanics in Ophiolitic Complexes in Central Greece: Examples from Koziakas, Othris, Ili and Kallidromo Regions. Geophysical Research Abstracts, 11, EGU2009-2819-9, 2009, EGU General Assembly 2009.
- Karipi, S., Rigopoulos, I., Perraki, M., Tsikouras, B., **Pomonis, P.**, & Hatzipanagiotou, K. (2008): Raman spectroscopy as a tool to distinguish grossular/hydrogrossular from vesuvianite in rodingites from the Othrys ophiolite (central Greece).-8th International Conference on Raman Spectroscopy Applied to Earth Sciences, Ghent, 2-6 June 2008, Book of Abstracts, 92-93.
- Rigopoulos, I., Tsikouras, B., **Pomonis, P.**, Karipi, S. & Hatzipanagiotou, K. (2008): Quantification methods of asbestos fibres in ophiolitic rocks used as aggregates and hazard risk assessment for human health.-26th European Conference of The Society for Environmental Geochemistry and Health: "Health Implications and Environmental Contamination", 31/3-2/4/2008, Athens, Abstracts, 48-49.
- Rigopoulos, I., **Pomonis, P.**, Tsikouras, B., Hatzipanagiotou, K. & Stournaras, C.J. (2007): The influence of alteration on the engineering properties of dolerites: The examples from the Pindos and Vourinos ophiolites (Northern Greece).-Geological Society Bicentennial Conference: Earth Sciences in the Service of Society, London, 10-12 September 2007, Abstract Book, 90.
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