

ΤΟΜΕΑΣ ΟΡΥΚΤΟΛΟΓΙΑΣ ΚΑΙ ΠΕΤΡΟΛΟΓΙΑΣ

Πρόσφατα Μάστερ, Διδακτορικά και Δημοσιεύσεις που σχετίζονται με αυτά

ΜΕΤΑΠΤΥΧΙΑΚΟ ΠΕΡΙΒΑΛΛΟΝΤΟΣ

MSc THESES

1. Giralea (2006). Biomineralogy of phosphate minerals of calcium and their environmental applications
2. Karanika M (2007) Relationship between petrography and uses as hard aggregates of ophiolitic and generally igneous rocks and their environmental impact. Examples from the Greek territory.
3. Tzifas, I. (in progress) Actinide mineral-chemistry in sedimentary rocks of western Greece.
4. Kollias K. (2009). Investigation of the interaction of acidic mine water with aluminosilicate and carbonate mineral surfaces
5. Anagnostopoulos, V. (2008) Microscopic and spectroscopic investigation of asbestos minerals in building materials.
6. Kougemitrou I. (2008). Environmental characteristics of the ash produced in hospital wastes incinerator.
7. Gerogianni N. (in progress). Investigation of suitability of olivines from ophiolitic occurrences for industrial uses in Central Greece.
8. Mavrogonatos K. (in progress). Genesis, evolution, evaluation and environmental problems of ophicalcitic rocks: The case of Tinos Island ophicalcites.
9. Chatzibaloglou P. (in progress). Composition, origin, alteration of cherty Paleolithic artifacts from Meganisi Island.
10. Manetta V. (2010) Determination, diffusion and environmental impact of volcanic gases of Nisyros Volcano.
11. Karakatsanis S. (2009). Examination of post-volcanic phenomenon in areas of South Aegean Volcanic Arc and their influence to the environment. The case of Ikaria island.

PUBLICATIONS

1. D' Alessandro, W., Bellomo, S., Brusca L., Kyriakopoulos K. and Karakatsanis S. (2008) Arsenic in thermal waters of Greece 26th European Conference of the Society for Environmental Geochemistry & Health, SEGH 31st March- 2nd April 2008 Athens, Hellas Abstract, p. 60.
2. D' Alessandro, W., Brusca L., Kyriakopoulos, K. and Karakatsanis S. (2008) Groundwater quality issues in the Florina area (N. Greece). 26th European Conference of the Society for Environmental Geochemistry & Health SEGH 31st March- 2nd April 2008 Athens, Hellas Abstract, p.61.
3. D' Alessandro W., Fiebig J., Kyriakopoulos K., Brusca L., Maneta., V. Michas G. and Papadakis G. (2010). Static chamber methane flux measurements in volcanic/geothermal areas: preliminary data from Sousaki and Nisyros (Greece). Geophysical Research, conference in Vienna,

PS9.0/GMPV14/XL163EGU-6826. Volcanic and non-volcanic degassing of volatiles: Sources, mechanisms, applications and atmospheric impact, 2-7 May 2010, Abstracts vol. 12, p. 177.

4. Karanika M, Magganas A. and Pomonis P. (2008) Relationship between texture and technical properties of igneous rocks used as hard aggregates in road constructions: Examples from the Greek territory. Technical Chamber of Greece, 1st Congress of Construction Materials and Elements, Athens, 1963-1976.
5. KOUGEMITROU, I, GODELITSAS, A., TSABARIS, Ch., STATHOPOULOS, V., PAPANDREOU, A., GAMALETSOS, P., ECONOMOU, G, PAPADOPOULOS, D. (2011) Management of Ash produced in the Hospital Waste Incinerator of Athens, Greece, Journal of Hazardous Materials, 187, 421-432.
6. ANAGNOSTOPOULOS, V., GODELITSAS, A., KOUGEMITROU, I., CHATZITHEODORIDIS, E., ANGLOS, D., ECONOMOU, G. (2009) Microscopic and Spectroscopic (Raman, LIBS) Characterization of Asbestos Minerals in Building Materials from Athens area, Greece. XIV International Clay Conference, Castellana Marina, Italy, Abstracts.
7. KOLLIAS, K., GODELITSAS, A., ASTILLEROS J.M., LADAS S., KENNOU S., POTAMITIS, C., ZERVOU, M., LAGOYIANNIS, A., HARISSOPOULOS, S., MAVROMOUSTAKOS, Th. (2009) Nanoscale processes during the interaction of aluminosilicate and carbonate mineral surfaces with acid mine drainage (AMD). Goldschmidt 2009, Davos, Switzerland, Special Supplement Geochim. et Cosmochim. Acta 73, no 13S, p. A 677.

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PhD THESES

1. Koutsovitis P. (2009) Petrological and mineralogical study of ophiolitic rocks in eastern Othris region, Greece.
2. Solomonidou A. (in progress). Comparison study of geological evolution and geological environments of Earth and of Saturn satellites, Titan and Engelados.

PUBLICATIONS

1. KOUTSOVITIS P., A. MAGGANAS and TH. NTAFLLOS (2008). Subduction related Triassic ultramafic lavas and wehrlites, associated with mafic to felsic volcanic and pyroclastic rocks of central and eastern Othris area, Greece. Geophysical Research Abstracts, 10, EGU2008-A-02852.
2. KOUTSOVITIS P. MAGGANAS A. and POMONIS P. (2008). Rodingites within scattered ophiolitic occurrences from the north and eastern Othris area, Greece. Proceedings of XIII International conference on thermobarogeochemistry and IVth APFIS symposium, Moscow. 1, 243-246.
3. KOUTSOVITIS P., MAGGANAS A., POMONIS P., KARIPI S. and TSIKOURAS B. (2009) Petrogenetic and Geotectonic Study of Early Formed (Triassic?) Volcanics in Ophiolitic Complexes in Central Greece: Examples from Koziakas, Othris, Iti and Kallidromo Regions. Geophysical Research Abstracts, 11, EGU2009-0.
4. KOUTSOVITIS P., A. MAGGANAS, and A. KATERINOPOULOS (2009). Calc-alkaline volcanic rocks in mélangé formations from the South Othris region, Greece: Petrogenetic and geotectonic implications. Geochemistry, Mineralogy and Petrology, 47, 79-95.

5. KOUTSOVITIS P. and A. MAGGANAS (2010). The geochemistry and petrogenesis of volcanic rocks within ophiolitic formations at the northeast Othris region, Greece. *Scientific Annals, School of Geology, Aristotle University of Thessaloniki, Proceedings of the XIX CBGA Congress, Thessaloniki, Greece*, 99, 263-270.
6. KOUTSOVITIS P., A. MAGGANAS, K. SOUKIS AND S. LOZIOS (2011). Petrological and structural observations on mylonitized intermediate and felsic rocks within the ophiolitic formation of Vrinena - East Othris, Greece. *Geophysical Research Abstracts*, 13, EGU2011-12798.
7. KOUTSOVITIS P. and A. MAGGANAS (2012). Petrogenetic implications from ultramafic rocks and pyroxenites in ophiolitic occurrences of East Othris, Greece. *Geophysical Research Abstracts*, 14, EGU2012-13129.
8. KOUTSOVITIS P., MAGGANAS A. & NTAFLIS T. (2012). Rift and intra-oceanic subduction signatures in the Western Tethys during Triassic: The case of ultramafic lavas as part of an unusual ultramafic-mafic-felsic suite in Othris, Greece. *Lithos*, doi: 10.1016/j.lithos.2012.03.018.
9. Solomonidou, A., Coustenis, A., Bampasidis, G., Kyriakopoulos, K., Bratsolis, E., Hirtzig, M., Moussas, X., 2010. Imaging of potentially active geological regions on Saturn's moon Titan, using infrared and Radar data: A study on cryovolcanism. *Hellenic Journal of Geosciences*, Vol. 45, pp. 257-268.
10. Solomonidou, A., Fortes, A. D., Kyriakopoulos, K., 2010. Modelling of volcanic eruptions on Titan. *International Congress of the Geological society in Greece, Patras, Greece*, 19-22 May.
11. Bratsolis, E., Solomonidou, A., Bampasidis, G., Le Mouelic, S., Sotin, C., Coustenis, A., Moussas, X., Kyriakopoulos, K., 2010. A despeckle filter for the Cassini SAR images of Titan's surface. *EGU General Assembly, Vienna, Austria*, 2-7 May.
12. Bratsolis, E., Solomonidou, A., Bampasidis, G., Le Mouelic, S., Sotin, C., Coustenis, A., Moussas, X., Kyriakopoulos, K., 2010. A despeckle filter for the Cassini SAR images of Titan's surface. *EGU General Assembly, Vienna, Austria*, 2-7 May.
13. Solomonidou, A., Coustenis, A., Bampasidis, G., Kyriakopoulos, K., Moussas, X., Bratsolis, E., Hirtzig, M. 2011. Implications of possible internal liquid water oceans on Europa and other giant planets' satellites. *Journal of Cosmology*, Vol. 13, 4191-4211.
14. Solomonidou, A., Coustenis, A., Bampasidis, G., Kyriakopoulos, K., Moussas, X., 2010. Potentially active regions on Titan: Promising landing sites. *International Planetary Probe Workshop 2010 (IPPW-7), Barcelona, Spain*, 14-18 June.
15. Bampasidis, G., Solomonidou, A., Coustenis, A., Kyriakopoulos, K., Bratsolis, E., Moussas, X., Preka, P. 2011. Seismometers on the icy satellites of the Outer Solar System. *International Conference on Space Technology, Athens, Greece*, 15-17 September.
16. Gamaletsos, P., Godelitsas, A., Chatzitheodoridis, E., & Kostopoulos, D., 2007. Laser μ -Raman investigation of Greek bauxites from the Parnassos-Ghiona active mining area. *Bulletin of the Geological Society of Greece*, XXXX, 736-746.

ΜΕΤΑΠΤΥΧΙΑΚΟ ΦΥΣΙΚΩΝ ΚΑΤΑΣΤΡΟΦΩΝ

MSc THESES

1. Roidis V. (2008). Estimation of volcanic hazard at Nisyros volcano. Prevention and risk management.
2. Georgiadou K. (2010). A dynamic approach prevention and management of volcanic hazard between the active volcanoes of Santorini and Stromboli.

ΜΕΤΑΠΤΥΧΙΑΚΑ ΜΕΣΩ ERASMUS

PUBLICATIONS

1. D'Alessandro W., Rotolo S., Kyriakopoulos K., Bellomo S., Brusca L., Calabrese S, Liotta M., Bruno C. and Plicanti F. (2009). Fumarolic alteration products at Sousaki (Greece): occurrence and environmental impact. International Conference on Environmental management, Engineering, planning and economics (SEMEPE 09) & SECOTOX Conference. Mykonos island 21-26 June 2009, p.185-190.
2. D' Alessandro, W., Bellomo, S., Brusca, L. and Kyriakopoulos K. (2009). Atmospheric hydrogen sulphide concentrations in fumarolic areas of the South Aegean Volcanic Arc (Greece). 15th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, MESAEP Bari, 7 -11 October 2009, p. 98.
3. D'Alessandro W, Brusca L., Martelli M., Rizzo A. and Kyriakopoulos K. (2010). Geochemical characterization of natural gas manifestations in Greece. Bull. Geol. Soc. Greece XLIII, no 5, 2327-2337.
4. Azzaro V., De Rosa R., Donato P., Kyriakopoulos K., Lupo M. and Niceforo G. (2010). Temporal evolution of the Pleistocenic rhyolitic systems of Milos island (Greece). 89° Congress SIMP, (Societa Italiana di Mineralogia e Petrologia). L'evoluzione del sistema Terra: Dagli atomi ai vulcani, 13-15/9/2010 Ferrara, Italy. Book of Abstracts, p.122.