

## Dr. Argyro Asvesta

**Academic Position:** Associate Professor in Mineralogy, Geochemistry and Petrology of Magmatogenic and Sedimentary Formations

### Education

- 1992: PhD in Geology, School of Geology, Faculty of Sciences, Aristotle University of Thessaloniki, Greece. Title of PhD thesis: "Magmatism and associated sedimentation during the first stage of the opening of the Vardar oceanic basin in Triassic times" (in Greek, with English summary).
- 1986: Diploma in Geology, School of Geology, Faculty of Sciences, Aristotle University of Thessaloniki, Greece.

### Research Interests

- Mineralogy
- Petrology
- Geochemistry
- Economic Geology
- Geological Mapping

### Main Publications

- Asvesta A., Dimitriadis S. (2010). "Facies architecture of a Triassic rift-related Silicic Volcano-Sedimentary succession in the Tethyan realm, Peonias subzone, Vardar (Axios) Zone, northern Greece." *Journal of Volcanology and Geothermal Research*, Vol.193,245-269.
- Asvesta A., Dimitriadis S. (2012). "Rhyolitic peperites from the Permo-Triassic Volcano-Sedimentary succession in Circum-Rhodope Belt, northern Greece" Honorary edition in memory of Professor Emeritus Konstantinos T. Soldatos, *Thessaloniki 2012, Scientific Annals of the School of Geology, Faculty of Sciences, Aristotle University of Thessaloniki, Special Volume 101*, pp.1-8 (in Greek, with English abstract).
- Asvesta A., Dimitriadis S. (2013). "Magma – sediment interaction during the emplacement of syn-sedimentary silicic and mafic intrusions and lavas into and onto Triassic strata (Circum-Rhodope Belt, northern Greece)." *Geologica Carpathica*, 64 (3), pp.181-194.
- Iordanidis, Garcia-Guinea J., Garas S., Asvesta A., Triantafyllou A.G. (2014). "Application of  $\mu$ Raman microscopy to the identification of individual airborne particles: preliminary results from Kozani's area, Northern Greece." *Particulate Science and Technology*, 32 (4), pp.355-359.
- Iordanidis A., Asvesta A., Vasileiadou A. (2018). "Combustion behaviour of different types of solid wastes and their blends with lignite". *Thermal Science* 22, No. 2, pp. 1077-1088.

- Iordanidis A, Garcia-Guinea J., Zouros N., Asvesta A. (2019). "Silica polymorphs in the mineral assemblage of fossil plant samples from Lesvos Petrified Forest". *15th International Congress of the Geological Society of Greece Athens, 22-24 May, 2019 Harokopio University of Athens, Greece Bulletin of the Geological Society of Greece, Sp. Pub. 7 Ext. Abs. GSG2019-003, p.305-306.*
- Asvesta A., Dimitriadis S. (2019). "Geochemical characteristics and Tectonic significance of Permo-Triassic Silicic Volcanic rocks from Circum-Rhodope Belt, Vardar (Axios) Zone, northern Greece". *15th International Congress of the Geological Society of Greece Athens, 22-24 May, 2019 Harokopio University of Athens, Greece Bulletin of the Geological Society of Greece, Sp. Pub. 7 Ext. Abs. GSG2019-005, p.307-308.*
- Iordanidis A, Kapageridis, Asvesta A. (2019). "Underground coal mining in Central Europe in the mid. 19th century: a literary documentation by Zola's "Germinal" *15th International Congress of the Geological Society of Greece Athens, 22-24 May, 2019 Harokopio University of Athens, Greece Bulletin of the Geological Society of Greece, Sp. Pub. 7 Ext. Abs. GSG2019-001, p.695-696.*
- Iordanidis A, Garcia-Guinea J., Zouros N., Asvesta A. (2019). "Lesvos Petrified Forest: the fascinating colours of the silicified trunks". *15th International Congress of the Geological Society of Greece Athens, 22-24 May, 2019 Harokopio University of Athens, Greece Bulletin of the Geological Society of Greece, Sp. Pub. 7 Ext. Abs. GSG2019-049, p.697-698.*

## Contact Details

Department of Mineral Resources Engineering

School of Engineering

University of Western Macedonia

Koila, Kozani, 50100

Greece

Tel: +30 24610 68078

email: [aasvesta@uowm.gr](mailto:aasvesta@uowm.gr)