



## **SHORT CURRICULUM VITAE**

### **Prof. Michael K. Vavelidis**

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Marital Status: Married with two children

Nationality: Greek

Date of birth: 21/09/1952

Place of birth: Petrota of Evros

### **EDUCATION**

1965-1971: High School of Drama .

1972-1974: B.Sc in Geology, University of Vienna.

1974-1978: M.Sc in Geology, University of Stuttgart, Germany.

1979-1984: PhD, University of Heidelberg , Germany

## **EMPLOYMENT**

- 1979-1984: Scientific Researcher, Institute of Max-Planck for nuclear Physics, Heidelberg, Germany.
- 1985-1987: Lecturer, Dept. of Mineralogy, Petrology and Economic Geology, School of Geology, AUTH.
- 1987-1992: Assistant Professor, Dept. of Mineralogy, Petrology and Economic Geology, School of Geology, AUTH.
- 1992-1997: Associated Professor, Dept. of Mineralogy, Petrology and Economic Geology, School of Geology, AUTH.
- 1997-2020 Full Professor, Dept. of Mineralogy, Petrology and Economic Geology, School of Geology, AUTH.

## **DUTIES**

Teaching, research, post-graduated students, supervising, administration.

Participation in Selection Committees of University Professors, and as Evaluator.

Member of Committees at the Ministry of Environment Energy and Climate Change

## **INTERESTS**

Economic Geology, Mineralogy, Petrology, Isotope Geochemistry, Gold chemistry, Ancient mines Exploitation, Archaeometry (Ancient Mining and Metallurgy), Environment (Ecological Monitoring, Reemaduiation, Reclamation)

## **POSITIONS**

1999-2001: Head of the Department of Mineralogy, Petrology and Economic Geology, AUTH

1992-199, 2004-2006: Secretary of the Economic Geology-Geochemistry Committee, Geological Society of Greece.

1998-2000, 2008-2012: President of the Economic Geology-Geochemistry Committee, Geological Society of Greece.

2011-2015: Coordinator of the Erasmus Program of the School of Geology

2011-2015: Vice President School of Geology, Aristotle University of Thessaloniki

2015-2017: Chairman of the School of Geology, Aristotle University of Thessaloniki

## **MEMBER OF SOCIETIES**

Geological Society of Greece, Deutsche Mineralogische Gesellschaft, Society for Geology applied to Mineral deposits, Gesellschaft fuer Kunst und Kultur im Bergbau, Greek Society for Archaeometry, Geotechnic Champer of Greece., Vice President of Greek alumni of the University of Heidelberg

## **RESEARCH PROJECTS**

- 1979: Participation in the project "Mapping and detection of ore deposits at Thasos island", IGME
- 1980-1984: Participation in the project "Archaeometallurgy of gold and silver-lead in the Aegean Region".

- 1986-1988: Participation in the project “Geological and Physicogeographical problems in Rhodope Massif”, funded by the General Secretariat for Research & Technology.
- 1990-1996: Participation at the bilateral cooperations project between the University of Thessaloniki and Sofia.
- 1993-1996: Participation at the greek project (1989) “Magmatism, metallogenesis and exploitation of mineral resources in the area of Kavala-Paggaion in Eastern Macedonia” funded by the General Secretariat for Research & Technology.
- 1996-1998: Participation at the bilateral cooperations project between the University of Thessaloniki and Cologne
- 1996-1998: Project leader at the greek project (7661) “Provenance of gold for archaeological finds dated from the late Classical to Hellenistic times (Vergina, ancient Pydna, Derveni, Sedes, Stavroupoli)”, funded by the Research Committee of the Aristotle University of Thessaloniki.
- 1996-1999: Project leader at the greek project (1163) “Archaeometrical research for the provenance of gold for archaeological finds in Macedonia dated from Neolithic time to late Hellenistic period” funded by the General Secretariat for Research & Technology.
- 1998-2000: Project leader at the greek project (9531569) “Study of gold, silver and stone archaeological finds from the excavations of ancient Mesimvria-Zoni” funded by the European Community.
- 1999: Participation at the Greek project «ADAPT Lydia Lithos – Strategy project for protection and prediction of the industrial changes influence on the employment in the marble production industry»
- 1999-2000: Project leader at the Greek project «Study of the old quarries in the broader area of Petrola, Evros prefecture. The role of the quarries in the preservation of the geological-quarrying and cultural heritage»
- 1999-2008: Participation in the Interuniversity Exchange Program between the University of Thessaloniki and the University of Sofia
- 2000-2002 Project leader at the Greek project: «Primary study of the ancient mining and metallurgical works in Kipouristra, Olympiada, Chalkidiki». (IZ Ephorate of Antiquities-TWX-Hellas)
- 2001-2003: Project leader at the Greek-German project IKYDA: «Determination of the provenance of gold, silver, lead and copper in Macedonia and Thrace, Greece, during the antiquity » in collaboration with the Technical University of Freiberg, Germany
- 2004-2005: Participation at the project INSTAP «Petrographical and geochemical study of the lithic artifacts found in the Neolithic excavation at the Mikro Vouni in Samothrace»
- 2004-2005: Participation at the project INSTAP «Copper and Bronze in Bronze Age Macedonia: Archaeometallurgical research in relation to the Sites of Thessaloniki Toumba, Arhontiko Toumba and the Petralona treasure».
- 2005-2006: Participation at the project INSTAP «Petrographical and geochemical study of the lithic artifacts found in the Neolithic excavation at the Mikro Vouni in Samothrace»
- 2007-2008: Project leader Development opportunities in Northern Evros culture, mineral resources, and environment, MMTH
- 2008-2010: Project leader at the Greek-German project IKYDA: Study and development of criteria for the evaluation on the possibility of use historical water-collection systems (Quana systems) for the water supply of regions in Northern Greece
- 2009-2010 Leader at the Greek-German project, Support for the construction of sites for experiments involving special plants on waste piles in NE Chalkidiki.

- Supervision of the experiments (sampling, biometric measurements). University of Potsdam.
- 2014-2016: Project leader “Study of raw materials of lithics from archaeological sites in Macedonia.”. Research Committee of the Aristotle University of Thessaloniki
- 2011-2018: Partitipacion at the project Reemaduation of disturbed land in the Cassandra Halkidiki mining area. Hellas Gold
- 2011-2018: Participation at the project Ecological monitoring of ecosystems in the Skourieç, Halkidiki mine area. Hellas Gold
- 2011-2018: Partitipacion at the project Reclamation of the old tailing disposal area (IMF) at Olympiada Halkidiki mine. Hellas Gold.

## ORGANISING

- 1987: International Congress of Archaeometallugry, Heidelberg, Germany.
- 1992: Greek mineral wealth and EC, Thessaloniki.
- 1993: Greek mining industry: Present and prespectives, Athens.
- 1992: Archaeometrical-Arcaeological investigations in Macedonia and Thrace, Thessaloniki.
- 1993: Participation in the organization of the Conference “Greek mining industry: Present and prospects”. Committee of Economic Geology, Mineralogy, Geochemistry of the Hellenic Geological Society, Athens.
- 1993: Organization of the International Conference of the Hellenic Archaeometric Society "Archaeometric - Archaeological Research in Macedonia and Thrace, Thessaloniki
- 1994: Organization of the Conference "Environmental Protection”. Committee of Economic Geology, Mineralogy, Geochemistry of the Hellenic Geological Society, Thessaloniki.
- 2000: 1<sup>st</sup> Symposium of the Commission of Economic Geology of the Mineral wealth and environment in Western Macedonia, Greece.Kozani
- 2003: 7<sup>th</sup> Internaional congress, of Mineral Exploration and Suitable Development, SGA, Athens
- 2005: 2nd Conference of the Committee of the Economic Geology - Geochemistry, Thessaloniki.
- 2007: Possibilities of Development in Northern Evros: Culture, Mineral Resources and Environment, Petrotta Evros.
- 2010: Geological and Geophysical Surveys in the Municipality of Evros Triangle-The Archaeological Work in N. Evros, Petrotta.
- 2011: The Contribution of the Mineral Resources of Northern Greece in the development of national economy, Thessaloniki
  
- 2016: Participation in the organization of the 14th International Conference of the Hellenic Geological Society, Thessaloniki
- 2017: Organization of ther Conference "New Ideas and Methods of Tectonic Geology in Applied Research - Examples and Applications", KEDEA, schoole of Theology, AUTH Thessaloniki
- 2017: Organization of a Conference of the Department of Geology "The Contribution of Geology to Society - Geological Investigations of AUTH in the Municipality of Volvi, Stavros
- 2017: Organization of the Conference "Exploration and exploitation of mineral raw materials from antiquity until today", School of Geology, AUTH, Thessaloniki

## PUBLISHED SCINTIFIC WORK

Scopus 117, h-index 5, Google Scholar 423, h-index 11, Research gate 499, h-index 12 (reads 4.823), Michael Vavelidis's research works / Aristotle University, Michael Vavelidis - Academia.edu, QAU (MODIP) AUTH

## BOOKS-MONOGRAPHS

**Vavelidis M.**, Neue Beobachtungen zur Genese der schichtgebundenen Pb-Zn-(Fe-Ba-As-Ag-Cu-) und der Au-Vorkommen auf Thasos (Nordgriechenland mit einem Beitrag zur Geologie, Petrographie und zum Metamorphosegrad des Gesteinskomplexes der Insel. Arb. Univ. Heidelberg, 355p., 1984

**Vavelidis M.**, Filippidis A. and Michailidis K., Economic Geology, Aristotle University of Thessaloniki Publications, Thessaloniki, 105 p. (in Greek)

**Vavelidis M.**, Filippidis A. and Michailidis K., Geology of mines, Aristotle University of Thessaloniki Publications, Thessaloniki, 98 p. (in Greek)

Michailidis M., **Vavelidis M.** and Filippidis A., Geology of ore deposits, Aristotle University of Thessaloniki Publications, Thessaloniki, 198 p. (in Greek)

Filippidis A., Michailidis K. and **Vavelidis M.**, Geology of metal ore deposits, Aristotle University of Thessaloniki Publications, Thessaloniki, 93 p. (in Greek)

Filippidis A., Michailidis K. and **Vavelidis M.**, Applied geochemistry, Aristotle University of Thessaloniki Publications, Thessaloniki, 32 p. (in Greek)

Michailidis K., **Vavelidis M.** and Filippidis A., Geology of industrial minerals, Aristotle University of Thessaloniki Publications, Thessaloniki, 207 p. (in Greek)

## INTERNATIONAL JOURNALS

Pernicka E., Gentner W., Wagner G.A., **Vavelidis M.** and Gale N.H., Ancient lead and silver production on Thasos, Rev., Archeomet., III, 217-227, 1980

Wagner G.A., Pernicka E., Gentner W. and **Vavelidis M.**, Discovery of ancient gold mining on Thasos (Greece), Rev. Archeomet., III, 313-320, 1981

Wagner G.A., Pernicka E., Gialoglou, G. and **Vavelidis M.**, Ancient gold mines on Thasos, Naturwiss., 68, 263-264, 1981

**Vavelidis M.** and Amstutz G.C., Investigations on the Gold occurrences in the Kinyra and Thasos (City) Area on Thasos Island (Greece), In: Schneider, H.J. (ed.), Mineral Deposits of the Alps and of the Alpine Epoch. Soc. Geol. Spec. Publ. 3, Appl. Min. Deposita, Springer, Heidelberg, 385-391, 1983

**Vavelidis M.** and Amstutz G.C., New genetic investigations on the Pb-Zn-deposits of Thasos (Greece), In: Schneider H.J. (ed.), Mineral Deposits of the Alps and of the Alpine Epoch. Soc. Geol. Spec. Publ. 3, Appl., Min. Deposita, Springer, Heidelberg, 395-365, 1983

**Vavelidis M.**, Bassiakos J., Begemann F., Patriarcheas K., Pernicka E., Schmitt-Strecker S. and Wagner G.A., Geologie und Erzvorkommen von Siphnos, Anschnitt, Bh 3, 59-80, 1985

Wagner G.A., Pernicka E., **Vavelidis M.**, Baranyi I. and Bassiakos I., Archaeometallurgische Untersuchungen auf Chalkidiki, Anschnitt, 38, H5-6, 166-186, 1986

**Vavelidis M.**, Elefteriadis G. and Kassoli-Fournaraki A., A petrological study of the crystallin complex in the island Thasos, Ann. Geol. Pays Hell., 203-216, 1987

Michailidis K., **Vavelidis M.**, Seeliger T.C. and Janicke J., Gold chemistry from the stream placer deposits of Nigrita Area, Northern Greece., Naturwiss., 74, 444-445, 1987

- Vavelidis M.**, Michailidis K. and Tarkian M., A new occurrence of placer gold in the Kato, Peristera-Lakkia area, Thessaloniki district, Northern Greece, *N. Jb. Miner.*, 5, 222-230, 1987
- Vavelidis M.**, Gialoglou G., Pernicka, E. and Wagner, G.A., Die Bundmetall - und Eisen Mangan - Lagerstaetten von Thasos, *Anschnitt, Bh 6*, 40-58, 1988
- Chalkias S., **Vavelidis M.**, Schmitt – Strecker S. and Begemann F., Geologische Interpretation der Blei-Isotopenverhaeltnisse von Erzen der Insel Thasos und der Agaeis, *Anschnitt, Bh. 6*, 59-74, 1988
- Vavelidis M.**, Pernicka E. and Wagner G.A., Die Goldvorkommen von Thasos, *Anschnitt, Bh. 6*, 113-124, 1988
- Gialoglou G., **Vavelidis M.** and Wagner G.A., Die antiken Blei-Silber-Bergwerke auf Thasos, *Anschnitt, Bh. 6*, 75-87, 1988
- Koukoyli-Chrisanthaki Ch., Weisgerber G., Gialoglou G. and **Vavelidis M.**, Praehistorischer - und juenger Bergbau auf Eisenpigmente auf Thasos, *Anschnitt, Bh. 6*, 241-244, 1988
- Michailidis K., Filippidis A., **Vavelidis M.** and Evangelou E., Chemical composition of some ore minerals from the St. Philippos (Kirki) polymetallic deposits, *Geologica Rhodopica*, Vol. 1, 389-395, 1989
- Michailidis K., **Vavelidis M.** and Christofides G., Native gold in the skarn-type mineralization of Kimeria, NE of Xanthi, *Geologica Rhodopica*, Vol. 1, 396-402, 1989
- Vavelidis M.**, Filippidis A., Michailidis K. and Evangelou E., The polymetallic ore mineralization of the Kirki area, Alexandroupolis district, Northeast Greece, *Geologica Rhodopica*, Vol. 1, 350-365, 1989
- Vavelidis M.**, Das Seifengoldvorkommen im Gebiet von Chimaros, Praefektur Seres (Nordgriechenland), *Naturwiss.*, 76, 521-522, 1989
- Vavelidis M.**, Ein neues Goldvorkommen im Gebiet von Askos, Praefektur Thessaloniki (Nordgriechenland), *Chem. Erde*, 50, 173-179, 1990
- Vavelidis M.**, Michailidis K., Christofides G. and Boboti-Tsitlakidou I., Geochemical study of placer gold and the gold bearing skarn type mineralization of Kimeria area, Xanthi district NE Greece, *Geologica Rhodopica*, Vol. 2, 297-308, 1990
- Vavelidis M.** and Boboti-Tsitlakidou I., Morphologie, chemische Zusammensetzung und Herkunft des Goldes vom Megalo-Potami, Gallikos Distrikt, Nordgriechenland, *Naturwiss.*, 78, 21-22, 1991
- Vavelidis M.**, Schmidt-Mumm A, Melfos V., Microthermometric investigations in the Bi-Te-Ag-bearing Cu-mineralization of Panagia area, Thasos Island, Greece, *Boletin. Soc. Esp. Mineralogia*, 18-1, 261-262, 1995
- Melfos V., **Vavelidis M.**, Fluid inclusion studies on the porphyry type Cu-Mo( $\pm$ Au) mineralization in Maronia area, Thrace county, Greece, *Boletin. Soc. Esp. Mineralogia*, 18-1, 139-141, 1995
- Vavelidis M.**, Framboidal pyrite from the Kuroko-type Barite Minealization of the Katsimouti area, Milos Island, Greece, *Chem. Erde.*, 55, 281-294, 1995
- Vavelidis M.**, Tarkian M., Mineralogy of the gold-silver-bearing copper mineralized zones in the Palyopyrgos (Nea Maditos-Stanos) area, Northern Greece. *N. Jb. Miner. Mh.*, 3, 133-143, 1995
- Vavelidis M.**, Gialoglou G., Melfos V., Wagner G.A., Gold-grube in Palea Kavala/Griechenland. Entdeckung von Skapte lyle, *Erzmetal, H9*, 547-554, 1996
- Bogdavov K., **Vavelidis M.**, Bismuth sulphosalts from the mineral deposits in Bulgaria and Greece. *Acta Mineralogica-Petrographica*, Szeded, XXXVII, Supplementum, 21.,35-42, 1996

**Vavelidis M.**, Melfos V., Two plumbian tetrahedrite-tennantite occurrences from Maronia area (Thrace) and Milos island (Aegean sea), Greece. *Eur.J. Mineral.*, 9, 653-657, 1997

**Vavelidis M.**, Melfos V., Fluid inclusion evidence for the origin of the barite silver-gold-bearing Pb-Zn mineralization of the Triades area, Milos island, Greece. *Bull Geol Soc Greece*, XXXII/3, 137-144, 1998

**Vavelidis M.**, Morphology and chemistry of placer gold and PG minerals in the Apollonia-Melissourgos area (Central Macedonia, N. Greece), *N. Jrb. Miner. Mh.*, 7, pp. 289-304, 1998

Melfos V., **Vavelidis M.**, Christofides G., Seidel E., Origin and evolution of the Tertiary Maronia porphyry copper-molybdenum deposit, Thrace, Greece, *Mineral. Deposita*, 37, 648-668, 2002

**Vavelidis M.**, Melfos V., Bi-Ag-bearing tetrahedrite-tennantite in the Kapsalina copper mineralisation, Thasos island, Northern Greece, *N. Jb. Miner. Abh.*, 180, 2, 149-169., 2004

**Vavelidis M.**, Andreou S., Gold and gold working in Late Bronze Age Northern Greece, *Naturwissenschaften*, 95,361-366, 2008

Giouri A., **Vavelidis M.**, Melfos V., Christophoridis C., Geochemical study of the Bogdanas River waters at the Assiros-Lagada area, Northern Greece, *Journal of Environmental Protection and Ecology*, 11, 424-433, 2010

Fornadel A.P., Paul G.S., Melfos V., **Vavelidis M.**, Voudouris P., Is the Palea Kavala Bi-Te-Pb-Sb ± Au district, northeastern Greece, an intrusion-related system? *Ore Geology Reviews*, 39, 119-133, 2011

**Vavelidis M.**, Giouri A., Voudouris K. and Vaxevanopoulos M., Regional Geology, and its Impact on Water Supply in the Pangeon and Menikion Mountains (Northern Greece), *Landscape and Sustainable Development*, vol. 4, Salzburg, pp. 15-29, 2012

Karageorgiou, S., Kotsaki, A. Vavelidis, M., Raw material sources of knapped stone tools from the excavation of the prehistoric site at Toumba Thessaloniki, Greece. *Journal of Lithic Studies*, vol.3, nr.2, 1-13, 2016

Oikonomidis, D., **Vavelidis, M.**, Melfos, V., Artashova, M., Searching for ancient gold mines in Filippoi area, Macedonia, Greece, using Worldview-2 satellite imagery. *Geocarto International*, 32 (1), pp. 87-96, 2017.

Giouri, K., Melfos, V., Papadopoulou, L., Vavelidis, M., Alifragkis, D. Selected metals content and binding behavior in riverbed sediments of the Kavala-Philippi area (Northern Greece). *Geosciences*, 8, 1-15, 2018

## **NATIONAL JOURNALS**

**Vavelidis M.**, Geochemistry of trace elements in galenas from Ag-containing lead-zinc ore deposits in Sifnos (Greece), *Bull Geol Soc Greece*, Vol. XX/2, 329-341, 1986

Chalkias, S. and **Vavelidis M.**, Interpretation of lead-isotope data from Greek Pb-Zn deposits, based on an empirical two stage model, *Bull Geol Soc Greece*, Vol. XXIII/2, 177-193, 1989

Michailidis M., **Vavelidis, M.** and Tramantouridis P., Framboidal pyrite from the volcanosedimentary series of the Skra area, Kilkis district, *Bull. Geol. Soc. Greece*, Vol. XXII, 159-170, 1990

**Vavelidis M.** and Michailidis K., Gold composition in the Fe-Pb-Cu-(Ag-Zn) hydrothermal quartz veins of Kallianou area; Southern Evoia (Greece), *Bull Geol Soc Greece*, Vol. XXII, 87-96, 1990

**Vavelidis M.** and Chalkias, S., Geochemische und statistische Untersuchungen in Bleiglanzen griechischer Vorkommen, *Bull Geol Soc Greece*, Vol. XXII, 125-138, 1990

- Boboti-Tsitlakidou I., **Vavelidis M.** and Amstutz G.C., Morphology and Composition of the gold grains of the Gallikos area, Northern Greece as compared to some Rhine gold of the Rhine valley, Germany, Bull Geol Soc Greece, Vol. XXV/2, 245-257, 1991
- Vavelidis M.** and Boboti-Tsitlakidou, I., Changes of the gold grains morphology during their downstream Transport: The Gallikos placer example (Northern Greece), Bull Geol Soc Greece, XXVIII/3, 285-293, 1993
- Melfos V., **Vavelidis M.**, Filippidis A., Christofides G. and Evagelou E., Framboidal pyrite in the Fe-Cu(Zn-Pb-Au) deposits of the Xylagani area, Rhodope county (Thrace), Bull Geol Soc Greece, XXVIII/3, 407-415, 1993
- Vavelidis M.**, Jarosite: An important Mineral for prospection and exploration of silver and gold in Greece, Bull Geol Soc Greece, XXVIII/2, 85-92, 1993
- Vavelidis M.**, Chatzikirkou A., Katirtzoglou K., Tarkian M., Melfos, V., Nimfopoulos M., An ancient gold mine in the Alistrati area, Northern Greece, Geol. Soc. Greece, Sp. Publ., No 4, 860-864, 1995
- Melfos V., **Vavelidis M.**, The manufacture of stone and the quarrying activity during antiquity: traces of quarrying in Maronia, Rhodopi prefecture (in Greek), "Thessalonikeon Polis", 2, 63-76, 2000
- Melfos V., Voudouris P., Arikas K., **Vavelidis M.**, Rhenium-rich molybdenites in Thracian Mo±Cu porphyry occurrences, NE Greece (in greek), Bull Geol Soc Greece, XXXIV/3, 1015-1022, 2001
- Melfos V., **Vavelidis M.**, Arikas K., A new occurrence of argentopentlandite and gold from the Au-Ag-rich copper mineralisation in the Paliomylos area, Serbomacedonian massif, Central Macedonia, Greece. Bull Geol Soc Greece XXXIV/3, 1065-1072, 2001
- Vavelidis M.**, Gold deposits and ancient mining activities in Macedonia and Thrace (in Greek). Thessalonikeon Polis 14:74-93, 2004
- Paylidoy S., Koroneos A., Papastefanou C., Christofides G., Stoulos S., **Vavelidis M.**, Natural radioactivity as als building materials. 10<sup>th</sup> intern. congress, Geol.Soc.Greece, Thessaloniki, vol.1,548-549, 2004
- Charistos B., **Vavelidis M.**, Os Isotopic composition of placer PGM from Aliakmon river, West Macedonia, Greece, 10<sup>th</sup> international congress of Geol.Soc.Greece, Thessaloniki, vol.1,365-367, 2004
- Giouri, K., **Vavelidis, M.** and Melfos, V., Occurrence of arsenic in waters and sediments of the Palea Kavala River, NE Macedonia, Northern Greece. Bulletin of the Geological Society of Greece, vol. XLVII, 934-941, 2013.
- Giouri K., Melfos V., Papadopoulou L., **Vavelidis M.**, Alifragkis D., Correlation of selected metals and their binding behavior with sediment fractions in Philippoi area, NE Macedonia, northern Greece. Scientific Annals of the School of Geology, Aristotle University of Thessaloniki (Honorary Publication in Memory of Professor A. Kasoli-Fournaraki), 105, 1-7, 2016.
- Giouri K., **Vavelidis M.**, Melfos V., Papadopoulou L., Assessment of selected metals enrichment in sediments from Palea Kavala river, NE Macedonia, Northern Greece. Bull Geol Soc Greece, vol. XL VIII, 2137-2144, 2016.
- Zaimis S., **Vavelidis M.**, Alifragkis D., Melfos V., Kantiranis N., Daftsis E., Gazea E., Mineralogical and geochemical characterization of the Olympias mine tailings, NE Chalkidiki, Greece. Bull Geol Soc Greece, XL VIII, 10 p., 2016.
- Alifragkis D., **Vavelidis M.**, Gazea E., Voulgaridou E., Galatsianou A. and Daftsis E., New approaches to the revegetation and reclamation of old tailing management facilities: The example of the Cassandra mines. Bull Geol Soc Greece, XL VIII, 13 p., 2016.



Blumenstein O., Pustlauck F. and **Vavelidis M.**, Environmental contamination by substrata of ore mining dumps, their monitoring as well as measures of reduction. Bull Geol Soc Greece, vol. XLVIII, 9 p., 2016.

Michailidou, E., Vavelidis, M., Papadopoulou, L., Kantiranis, N. Mineralogical and Geochemical Study of the Zeolitized Volcaniclastic Rocks of Petrota region, Evros Prefecture, Northeastern Greece. Bull Geol Soc Greece, vol.56,17-38, 2020

## **CHAPTERS IN INTERNATIONAL SPECIALIZED VOLUMES**

Melfos V., **Vavelidis M.**, Filippidis A., Christofides G. and Evangelou, E., Re-rich and Re-poor molybdenite in the Maronia rhyolitic intrusion, Northern Greece, In: Source, transport and deposition of metals, Eds: Pagel & Leroy, 775-777, 1991

Georgakopoulos A., **Vavelidis M.**, Sklavounos S. and Papaconstantinou C.M., Apparition de pyrite sous forme framboïdale dans les sédiments riches en matière organique du gisement pétrolier de Prinos (Nord de la mer Egée, Grèce), In M. Pagel & J.L. Leroy (Eds). Source, Transport and Deposition of Metals, Balkema, Rotterdam, 523-526, 1991

**Vavelidis M.**, Melfos V., Sklavounos S., Bogdanov K., Driesner T., Bi-Te-Ag-bearing Cu mineralization in the Panagia area, Thasos Island (Northern Greece), In: Mineral Deposits: From their origin to their environmental impacts, Eds: Pasava, Kribek & Zak, 393-396, 1995

Michailidis K., **Vavelidis M.**, Tarkian M., Platinum-group minerals in chromites from the Chalkidiki Ophiolite Complex, Northern Greece, In Pasava et al. (Eds): Mineral deposits: From their origin to their environmental impacts, Balkema, Rotterdam, 157-160, 1995

**Vavelidis M.**, Melfos V., Sklavounos S., Bogdanov K., Driesner Th., Bi-Te-Ag-bearing Cu mineralization in the Panagia area, Thasos, In Pasava et al. (Eds): Mineral deposits: From their origin to their environmental impacts, Balkema, Rotterdam, 393-396, 1995

**Vavelidis M.**, A new occurrence of placer gold in the Kompsatos River, Northern Greece, In Pasava et al. (Eds): Mineral deposits: From their origin to their environmental impacts, Balkema, Rotterdam, 207-209, 1995

**Vavelidis M.**, Melfos V., Eleftheriadis G., Mineralogy and microthermometric investigations in the Au-bearing sulphide mineralization of Palea Kavala (Macedonia, Greece), In: Mineral Deposits: Research and Exploration Where do They Meet?, Ed: Papunen, 343-346, 1997

**Vavelidis M.**, Melfos V., Boboti-Tsitlakidou I., Arikas K., A new occurrence of placer gold in the Marathousa area (central Macedonia, N. Greece), In: Mineral Deposits: Research and Exploration Where do They Meet?, Ed: Papunen, 339-342, 1997

**Vavelidis M.**, Gold-bearing quartz veins and placer gold on Sifnos island, Aegean Sea, Greece, In: Mineral Deposits: Research and Exploration Where do They Meet?, Ed: Papunen, 335-338, 1997

**Vavelidis M.**, Melfos V., Kiliadis A., The gold-bearing quartz veins in the metamorphic rocks at the Drakontio area, central Macedonia, northern Greece, In: Mineral Deposits: Processes to Processing, Ed: C.J. Stanley et al., 209-212. 1999

Melfos V., **Vavelidis M.**, Bogdanov K., Occurrence, mineralogy, and chemical composition of primary gold from Tertiary ore mineralisations in the Rhodope massif (Greece-Bulgaria), In: Mineral Exploration and Sustainable Development, Eds: Eliopoulos et al., 1201-1204., 2003

Vaxevanopoulos M., **Vavelidis M.**, Malamidou D., Melfos V. (2020). Metal production chain at Pangaeon Mountain, Eastern Macedonia, Greece. In Kenneth A. Sheedy and Gillan Davis (eds) "Metallurgy in Numismatics", Volume 6. Royal Numismatic Society Special Publication, London, 75-83.

## CONFERENCE PROCEEDINGS

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