

## MARIA V. TRIANTAPHYLLOU

Date of birth: 5th June, 1964; Nationality: Greek, Marital status: Married – two children

**Title:** Professor Micropaleontology-Paleoenvironment-Stratigraphy

**University:** National and Kapodistrian University of Athens (NKUA)

**Faculty:** Geology and Geoenvironment

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### Academic Qualifications

-1993: Ph.D. in Geology (supported by the National Scholarship Foundation, 1990-1993), Faculty of Geology, NKUA. Thesis: *Biostratigraphical and ecostratigraphical observations based on calcareous nannofossils, of the Eastern Mediterranean Plio-Pleistocene deposits. Gaia 1, 229 pp.*

-1989: M.Sc. in Regional Development, Panteion University Athens. Thesis: *Greek Caves and touristic development. Bulletin of the Greek Speleological Society XX: 28-76.*

-1987: B.Sc. in Geology, Faculty of Geology, NKUA

### Academic positions

-2015-present: Professor (Micropaleontology-Paleoenvironment-Stratigraphy), Faculty of Geology & Geoenvironment, NKUA

-2010-2015: Associate Professor (Micropaleontology-Paleoenvironment), Faculty of Geology & Geoenvironment, NKUA

-2005-2010: Assistant Professor (Micropaleontology), Faculty of Geology & Geoenvironment, NKUA

-2000-2005: Lecturer (Micropaleontology), Faculty of Geology & Geoenvironment, NKUA

### Appointments

-2020-present: Head of the Laboratory of Historical Geology-Paleontology, Faculty of Geology & Geoenvironment, NKUA

-2019-2021: Departmental Responsible in the European University Initiative CIVIS

-2018-2021: Vice Director of the MSc program "Paleontology-Geobiology". Coordinator of the specialization "Micropaleontology-Biostratigraphy", Faculty of Geology and Geoenvironment, NKUA

-2018-2021: Invited Professor at the MSc program of the Faculty of Geosciences, University of Lille, France

-1999-2000: Geologist (PhD), General Secretariat for Research & Technology, Greek Ministry of Development

-1993-1999: Research Scientist, Faculty of Geology & Geoenvironment, NKUA

### Languages

Greek (fluent), English (fluent), German (good), French (poor)

### Research Interests

-Micropaleontology-Stratigraphy

-Paleoceanography-Climate change-Paleoenvironment-Paleogeography

-Environmental Micropaleontology - Biogeology

-Calcareous Nannoplankton/ Foraminifera Biostratigraphy-Micropaleontology

-Coccolithophore & Foraminifera ecology and calcification, Coccolithophores & Foraminifera as (paleo) environmental proxies

### Teaching Activities (current)

**-Undergraduate courses (NKUA):** Micropaleontology, Stratigraphy, Applied and Environmental Micropaleontology, Geological heritage-Geological monuments (with emphasis in Geoethics)

**-Postgraduate courses (NKUA):** Paleoceanography, Specialized laboratory Techniques, Biometry-Geobiogenic indicators, Field work-Mapping, Marine ecosystems, Biosphere and Geoenvironmental Applications

**-Postgraduate courses (Aristotle University of Thessaloniki, Faculty of Geology):** Micropaleontology, Geobiology, Hydrocarbon Exploration and Exploitation

**-Erasmus teaching:** Universitat Autònoma Barcelona, Institute of Environmental Science & Technology Università degli studi di Milano-Bicocca, Department of Geological Sciences and Geotechnologies

**-Post-Doc supervisor (2017-2019):** Constraining large-scale climate feedbacks in the Earth system using paleo data by Alexander Robinson (NKUA; HORIZON2020 MARIE SKŁODOWSKA-CURIE ACTIONS Individual Fellowships (IF))

**-Thesis supervisor:** supervised/ing 7 PhD theses + 15 as consulting committee member, supervised/ing 20 Master theses + 15 as examination member committee

### Departmental responsible for Erasmus+ bilateral agreements

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University of Lille, Università degli studi di Milano-Bicocca ITALY, Justus Liebig Universität Giessen GERMANY, University of Salamanca SPAIN, Universität Bremen GERMANY

### Member in Committees, Scientific Academic Societies

- 2020-present: Voting Member of the Suncommission on Neogene Stratigraphy, International Commission on Stratigraphy
- 2019-2021: Co-ordinator of the section IAPG- Greece (International Association for promoting Geoethics)
- 2018-2021: President of the Hellenic Committee for Paleontology and Stratigraphy/Geological Society of Greece
- 2019-2020: Member (alternate) of the Bioethics Committee of the Agricultural University, Athens, Greece
- 2018-2020: Member (alternate) of the General Assembly of the Hellenic Foundation for Research and Innovation
- 2014-present: Erasmus+ Committee of the Faculty of Geology and Geoenvironment, NKUA
- 2014-present: Council of the School of Sciences Library, NKUA -2018-2020: Member of the Steering Committee of MECLIVAR network (Mediterranean Climate Variability and Predictability)

Member: International Nannoplankton Association (INA), The Micropaleontological Society (TMS), Geological Society of Greece, Hellenic Oceanographers' Association, Hellenic Committee for Paleontology and Stratigraphy, Sedimentological Society of Greece, Geographical Society of Greece, International Association for promoting Geoethics (IAPG)

### List of funded projects as Coordinator and Partner (last 10 yrs)

- 2019-2022: EN.I.R.I.S.S.T «Intelligent Research Infrastructure for Shipping, Supply chain, Transport and Logistics», Operational Programme “Competitiveness, Entrepreneurship and Innovation” (NSRF 2014–2020), Greece and the European Union (European Regional Development Fund)
- 2019-2021: CLIMPACT: National network for the Climate Change, General Secretariat for Research & Technology
- 2018- 2019: Odysseus Unbound. The search for Homer’s Ithaca. Odysseus Unbound Foundation, UK.
- 2017-2019 CONCLIMA: Constraining large-scale climate feedbacks in the Earth system using paleo data. HORIZON2020 MARIE SKŁODOWSKA-CURIE ACTIONS Individual Fellowships (Fellow Dr. Alexander Robinson)
- 2016-2018 IKYDA: AegeanCocco: Coccolithophores assessing environmental quality: the Aegean Sea case study, Programme for the promotion of the exchange and scientific cooperation between Greece and Germany, University of Bremen
- 2012-2015 EU/F7 Perseus: Policy-oriented marine Environmental Research in the Southern European Seas
- 2012-2015 AegeanMarTech: "Technological and oceanographic cooperation Network for the Study of mechanisms fertilizing the North-East Aegean Sea". Research Funding Program: THALES.
- 2012-2015 MedSalc: Messinian Salinity Crisis: the biggest environmental impact on the Mediterranean. Research Funding Program: THALES.
- 2010-2014: MEDSEA: Impact of ocean acidification in the Mediterranean in a changing climate FP7, ENV.2010.1.1.5.
- 2009-2012 MedEcos: Decadal scale variability of the Mediterranean Ecosystem, EraNet, MarinERA, EU marine RTD programme
- 2005-2008 Study of paleo- and modern climatic changes in the Eastern Mediterranean, using biogeochemical proxies and stable isotopes: Could we predict future changes? PENED 03, EU/GSRT
- 2006-2007 EMEDcoccus: Eastern Mediterranean coccolithophores (Cretan Sea, Libyan Sea): Ecology and paleoclimatic implications, ENTER 04, EU/GSRT
- 2005-2007 MERF: Dynamics of Marine Ecosystem Response to Fertilization: Studying ecological responses to Quaternary Mediterranean sapropel events and implications for marine carbon uptake, European Science Foundation (ESF)
- 2005-2007 Climatic cycles and volcanic activity in the SE Aegean Sea: The role of primary production and the response of terrestrial ecosystems during the last 30000 yrs, EU/Greek Ministry of education, Pythagoras I/EPEAEK II

### Grants

- 2007: Greece-Spain Cultural Exchange Project, Universitat Autònoma Barcelona
- 2005: Biodiversity Project grant, Rutgers State University of New Jersey, USA
- 2001: SYS-Resource/SYNTHESIS Grant, Natural History Museum London
- 1990-1993: National Scholarship Foundation grant for PhD studies

### Organisation of international conferences (last 10 yrs)

- 2018: Medclivar 2018 Conference, Belgrade, Past climate evolution of the Mediterranean region, including contributions on trends, rhythms, and extreme events on Milanković, millennial/centennial and interannual timescales, based on paleo-reconstructions, simulations and long instrumental time series (Convenor together with I. Cacho and C. Tzedakis)
- 2017: International Nannoplankton Association Conference (INA16: Coccolithophores: Geobiology and Geoenvironmental applications), Athens September 2017 (Convenor)
- 2016: Medclivar 2016 Conference, Athens, Past climate evolution of the Mediterranean region (Convenor together with J. Luterbacher and G. Zanchetta)
- 2014: International Nannoplankton Association (INA) Workshop “Coccolithophores 2014” on extant coccolithophores research-, HCMR Crete, 5-10 October 2014 (Convenor)

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- 2014: *The Messinian Salinity Crisis: A brief introduction into one of the most spectacular marine geological findings of the last 50 years*. Invited talk, Prof. Gert De Lange (University of Utrecht), Faculty of Geology and Geoenvironment, NKUA, Athens May 27, 2014 (Convenor)
- 2014: International Workshop "Mediterranean Holocene Climate and Human Societies", PAGES Project and Navarino Environmental Observatory (NEO), 23-25 April 2014 (Moderator)
- 2013: 40<sup>th</sup> CIESM, *Congress-Marseille, France*, 28 October - 1 November 2013. Session 44: Biogeochemical Cycles: past and future (Rapporteur)
- 2012: 10th Symposium on Oceanography and Fishery, Athens, 7-11 May, 2012 (scientific committee)
- 2010: Special Session: Neogene paleoenvironmental reconstructions and climatic records in South-Eastern Europe, XIX Congress of the Carpathian Balkan Geological Association, Thessaloniki, Greece, 23-26 September 2010 (Convenor)
- 2007: 11th International Conference of the Geological Society of Greece: "Geoenvironment: past, present, future" Athens, 24-25 May 2007 (organizing committee)

### Journal editing

- 2017-19: Guest Editor *Marine Micropaleontology*, Elsevier
- 2016-present: Associate Editor *Revue de Micropaleontologie*, Elsevier
- 2016: Guest Editor *Revue de Micropaleontologie*, Elsevier
- 2015: Supervising Editor *Micropaleontology*, Micropress
- 2003: Supervising Editor *Micropaleontology*, Micropress
- Editorial Board of *The Open Paleontology Journal*

### Journal Reviewer

*Biogeosciences, PLOS ONE, Paleoceanography, Marine Micropalaeontology, Palaeogeography-Paleoecology-Paleoclimatology, Deep Sea-Research II, Ecological Indicators, Geological Journal, Journal of Nannoplankton Research, Journal of Mediterranean Marine Systems, Geo-Marine Letters, Micropaleontology, Geobios, Revue de Micropaleontologie, Journal of Mediterranean Marine Systems, Marine Biodiversity Records, Quaternary Research, Estuarine Coastal and Shelf Science, Aquatic Biology, Newsletter in Stratigraphy, Bollettino della Società Paleontologica Italiana, Bulletin of the Geological Society of Greece*

### Research Project Reviewer

- 2019, 2020: EU Invited expert for H2020 calls
- ISF (Israel Science Foundation)
- NWO-ALW (Netherlands Organization for Scientific Research- Council for Earth and Life Sciences)

### Selected Invited presentations

- 2019: The Middle Miocene Transition and the warm Pliocene interval in the eastern Mediterranean: evidence in the sedimentary record. Institute of Geological Sciences of Polish Academy of Sciences, Krakow, Poland, May 29, 2019.
- 2018: Paleoclimate, environmental and oceanographic changes in the Aegean Sea and eastern Mediterranean during the Late Cenozoic. Institute of Geological Sciences of Polish Academy of Sciences, Krakow, Poland, December 7-13, 2018.
- 2013: Paleoclimate, environmental and oceanographic changes in the Aegean Sea and eastern Mediterranean during the Late Cenozoic. Training School of Samos and adjacent islands of the Aegean Sea. Geological setting, mineral resources and ancient works, Faculty of Geology and Geoenvironment, NKUA, Karlovassi, Samos, August 26-30, 2013
- 2008: Late Glacial-Holocene climate variability at the south-eastern margin of the Aegean Sea. 3rd MedCLIVAR-ESF Workshop: Understanding the mechanisms responsible for the changing in the Mediterranean circulation and sea level trends. Hydrobiological Station and Aquarium of Rhodes, HCMR, 29 September-1 October 2008, Rhodes (convenor E. Xoplaki)
- 2007: Coccolithophore export production and flux at the southwestern margin of Crete (eastern Mediterranean). 3rd MERF Workshop, Institute of Biochemistry and Marine Chemistry, University of Hamburg, May 9-10, 2007 (convenor K.C. Emeis)
- 2007: Seasonal control on *Emiliania huxleyi* coccolith calcification in the Aegean Sea. ESF-EuroClimate Workshop: Atmospheric CO<sub>2</sub>, ocean acidification and ecological changes in planktonic calcifying organisms, New science Museum Cosmo Caixa, Barcelona, September 26-28, 2007 (convenor P. Ziveri)

### Research monographs

Malinverno, E., Dimiza, M. D., **Triantaphyllou, M. V.**, Dermitzakis, M. D., Corselli, C., **2008**. Coccolithophores of the Eastern Mediterranean sea: A look into the marine microworld (in English, Italian, Greek). ION Publications, 188 pp.

### Scientific Publications/Citations

- More than 110 publications in refereed journals, more than 50 refereed conference publications, more than 180 oral and poster presentations, co-author of two books
- More than 1600 citations, H-index: 28 (source: Scopus, April 2021)
- More than 2700 citations, H-index: 31 (source: GoogleScholar, April 2021)

**Selected PEER REVIEWED PAPERS (last 10 yrs)**

- Athanasidou M., **Triantaphyllou M.V.**, Dimiza M.D., Gogou A., Panagiotopoulos I., Arabas A., Skampa E., Kouli K., Hatzaki M., Tsiolakis, E., **2021**. Reconstruction of oceanographic and environmental conditions in the eastern Mediterranean (Kottafi Hill section, Cyprus Island) during the middle Miocene Climate Transition *Revue de micropaléontologie* Volume 70 100480 <http://doi.org/10.1016/j.revmic.2020.100480>.
- Dimou V.-G., Koukousioura O., Dimiza M.D., **Triantaphyllou M.V.**, Less G., Pomoni-Papaioannou F., Syrides G., **2021**. A preliminary investigation of Eocene larger benthic foraminifera assemblages from Alpine and molasse-type deposits of the Hellenic peninsula (Greece). *Revue de micropaléontologie* Volume 70 <http://doi.org/10.1016/j.revmic.2020.100468>.
- Tsourou Th., **Triantaphyllou M.V.**, Cheilaris S., Fatourou E.G., Michailidis I., Nikitas AP., Tzortzopoulou M.A., Dimiza M., Stathopoulou E., **2021**. Micropalaeontological analysis and palaeoenvironmental interpretation of the upper sedimentary sequence of Corinth Marl (Corinth Isthmus, Greece). *Revue de micropaléontologie* Volume 70 <http://doi.org/10.1016/j.revmic.2020.100466>.
- Frank, A.B., Frei, R., **Triantaphyllou, M.**, Vassilakis, E., Kristiansen, K., Frei, K.M., **2021**. Isotopic range of bioavailable strontium on the Peloponnese peninsula, Greece: A multi-proxy approach. *Science of The Total Environment* 774:14518.
- Bouchet, V.M., Frontalini, F., Francescangeli et al., **2021**. Relative abundances of benthic foraminifera in response to total organic carbon in sediments: Data from European intertidal areas and transitional waters. *Data in Brief* 35C:106920
- Bouchet, V.M., Frontalini, F., Francescangeli et al., **2021**. Indicative value of benthic foraminifera for biomonitoring: Assignment to ecological groups of sensitivity to total organic carbon of species from European intertidal areas and transitional waters. *Marine Pollution Bulletin* 164:112071. DOI: [10.1016/j.marpolbul.2021.112071](https://doi.org/10.1016/j.marpolbul.2021.112071)
- Patoucheas, P., Koukousioura, O., Psarra, S., Aligizaki, K., Dimiza, M.D., Skampa, E., Michailidis, I., Nomikou, P., **Triantaphyllou, M.V.**, **2021**. Phytoplankton community structure changes during autumn and spring in response to environmental variables in Methana, Saronikos Gulf, Greece. *Environmental Science and Pollution Research* <https://doi.org/10.1007/s11356-020-12272-z>
- Weinmann, A.E., Goldstein, S.T., **Triantaphyllou, M.V.**, Langer, M.R., **2021**. Community responses of intertidal foraminifera to pH variations: a culture experiment with propagules. *Acquatic Ecology*, 55(252):1-17
- Dimiza, M.D., Fatourou, M., Arabas, A., Panagiotopoulos, I., Gogou, A., Kouli, K., Parinos, C., Rousakis, G., **Triantaphyllou, M.V.**, **2020**. Deep-sea benthic foraminifera record of the last 1500 years in the North Aegean Trough (northeastern Mediterranean): A paleoclimatic reconstruction scenario. *Deep-Sea Research Part II: Topical Studies in Oceanography*. <https://doi.org/10.1016/j.dsr2.2019.104705>
- Emmanouilidis, A., Unkel, I., **Triantaphyllou, M.**, Avramidis, P., **2019**. Late-Holocene coastal depositional environments and climate changes in the Gulf of Corinth, Greece. *Holocene*: UNSP 0959683619875793.
- Kyrikou, S., Kouli, K., **Triantaphyllou, M.V.**, Dimiza, M.D., Gogou, A., Panagiotopoulos, I.P., Anagnostou, Chr., Karageorgis, A.P., **2019**. Late Glacial and Holocene vegetation patterns of Attica: A high-resolution record from Elefsis Bay, southern Greece. *Quaternary International*: <https://doi.org/10.1016/j.quaint.2019.05.020>.
- Koukousioura, O., Dimiza, M.D., Kyriazidou, E., **Triantaphyllou, M.V.**, Syrides, G., Aidona, E., Vouvalidis, K., Panagiotopoulos, I.P., Papadopoulou, L., **2019**. Environmental evolution of the Paliouras coastal lagoon in the eastern Thermaikos gulf (Greece) during Holocene. *Environmental Earth Sciences*, 78:313.
- Skampa, E., **Triantaphyllou, M.V.**, Dimiza, M.D., Gogou, A., Malinverno, E., Stavrakakis, S., Panagiotopoulos, I.P., Parinos, C., Baumann, K.-H., **2019**. Coupling plankton - sediment trap - surface sediment coccolithophore regime in the North Aegean Sea (NE Mediterranean). *Marine Micropaleontology*, 152: 101729.
- **Dimiza, M.D.**, Ravani, A., Kapsimalis, V., Panagiotopoulos, I., Skampa, E., **Triantaphyllou, M.V.**, **2019**. Benthic foraminiferal assemblages in the severely polluted coastal environment of Drapetsona-Keratsini, Saronikos Gulf (Greece). *Revue de Micropaleontologie*, 62 (1), 33-44.
- Vasiliev, I., Karakitsios, V., Bouloubassi, I., Agiadi, K., Kontakiotis, G., Antonarakou, A., **Triantaphyllou, M.**, Gogou, A., Kafousia, N., de Rafélis, M., Zarkogiannis, S., Kaczmar, F., Parinos, C., Pasadakis, N., **2019**. Large sea surface temperature, salinity, and productivity-preservation changes preceding the onset of the Messinian Salinity Crisis in the eastern Mediterranean Sea. *Paleoceanography and Paleoclimatology*, 34 (2), 182-202.
- Triantaphyllou, M.V.**, Baumann, K.-H., Karatsolis, B.Th., Dimiza, M.D., Psarra, S., Skampa, E., Patoucheas, P., Vollmar, N.M., Koukousioura, O., Katsigera, A., Krasakopoulou, E., Nomikou, P., **2018**. Coccolithophore community response along a natural CO<sub>2</sub> gradient off Methana (SW Saronikos Gulf, Greece, NE Mediterranean). *PLOS ONE*: <https://doi.org/10.1371/journal.pone.0200012>
- Pallikarakis, A., **Triantaphyllou, M.V.**, Papanikolaou, I., Dimiza, M.D., Reicherter, K., Migiros, G., **2018**. Age Constraints and Paleoenvironmental Interpretation of a Borehole Sedimentary Sequence along the Eastern Part of the Corinth Isthmus, Greece. *Journal of Coastal Research*, 34 (3): 602-617.
- Pavlopoulos, K., Koukousioura, O., **Triantaphyllou, M.**, Vandarakis, D., de Proce, S.M., Chondraki, V., Fouache, E., Kapsimalis, V., **2018**. Geomorphological changes in the coastal area of Farasan Al-Kabir Island (Saudi Arabia) since mid Holocene based on a multi-proxy approach. *Quaternary International*, 493: 198-211.

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- Tsakalos, E., Athanassas, C., Tsiapas, P., **Triantaphyllou, M.**, Geraga, M., Papatheodorou, G., Filippaki, E., Christodoulakis, J., Kazantzaki, M., **2018**. Luminescence geochronology and paleoenvironmental implications of coastal deposits of southeast Cyprus. *Archaeological and Anthropological Sciences*, 10(1): 41-60.
- Karageorgis, A.P., Kontoyiannis, H., Stavrakakis, S., Krasakopoulou, E., Gogou, A., Papadopoulos, A., Kanellopoulos, T., Rousakis, G., Malinverno, E., **Triantaphyllou, M.V.**, Lykousis, V., **2018**. Particle dynamics and fluxes in canyons and open slopes of the southern Cretan margin (Eastern Mediterranean). *Progress in Oceanography*, 169: 33-47
- Karakitsios, V., Cornée, J.-J., Tsourou, T., Moissette, P., Kontakiotis, G., Agiadi, K., Manoutsoglou, E., **Triantaphyllou, M.**, Koskeridou, E., Drinia, H., Roussos, D., **2017**. Messinian salinity crisis record under strong freshwater input in marginal, intermediate, and deep environments: The case of the North Aegean. *Palaeogeography, Palaeoclimatology, Palaeoecology* 485: 316-335.
- Athanasidou, M., Bouloubassi, I., Gogou, A., Klein, V., Dimiza, M. D., Parinos, C., Skampa, E., **Triantaphyllou, M.V.**, **2017**. Sea surface temperatures and environmental conditions during the “warm Pliocene” interval (4.1-3.2 Ma) in the Eastern Mediterranean (Cyprus). *Global Planetary Change*, 150: 46–57.
- Karakitsios, V., Roveri, M., Lugli, S., Manzi, V., Gennari, R., Antonarakou, A., **Triantaphyllou, M.**, et al., **2017**. A record of the Messinian salinity crisis in the eastern Ionian tectonically active domain (Greece, eastern Mediterranean). *Basin Research* 29: 203–233.
- Karatsolis, B.-Th., **Triantaphyllou, M.V.**, Dimiza et al., **2017**. Coccolithophore assemblage response to Black Sea Water inflow into the North Aegean Sea (NE Mediterranean). *Continental Shelf Research* 149:138-150.
- Lagaria, A., Mandalakis, M., Mara, P., Frangoulis, C., Karatsolis, B.-Th., Pitta, P., **Triantaphyllou, M.**, Tsiola, A., Psarra, S., **2017**. Phytoplankton variability and community structure in relation to hydrographic features in the NE Aegean frontal area (NE Mediterranean Sea). *Continental Shelf Research* 149: 124-137.
- Incarbona, A., Martrat, B., Mortyn, P.G., Sprovieri, M., Ziveri, P., Gogou, A., Jordà, G., Xoplaki, E., Luterbacher, J., Langone, L., Marino, G., Rodríguez-Sanz, L., **Triantaphyllou, M.**, Di Stefano, E., Grimalt, J.O., Tranchida, G., Sprovieri, R., Mazzola, S., **2016**. Mediterranean circulation perturbations over the last five centuries: Relevance to past Eastern Mediterranean Transient-type events. *Scientific Reports* 6:29623. DOI: 10.1038/srep29623.
- Filippidi, A., **Triantaphyllou, M.V.**, De Lange, J.G., **2016**. Eastern-Mediterranean ventilation variability during sapropel S1 formation, evaluated at two sites influenced by deep-water formation from Adriatic and Aegean Seas. *Quaternary Science Reviews*, 144: 95-106.
- El-Shawaihdi, M.H., Mozley, P.S., Boaz, N.T., Salloum, F., Pavlakis, P., Muftah, A., **Triantaphyllou, M.**, **2016**. Stratigraphy of the Neogene Sahabi units in the Sirt Basin, northeast Libya. *Journal of African Earth Sciences*, 118: 87-106.
- Gogou, A., **Triantaphyllou, M.**, Xoplaki, E., Izdebski, A., Parinos, C., Dimiza, M., Bouloubassi, I., Luterbacher, J., Kouli, K., Martrat, B., Toreti, A., Fleitmann, D., Rousakis, G., Kaberi, H., Athanasidou, M., Lykousis, V., **2016**. Climate variability and socio-environmental changes in the northern Aegean (NE Mediterranean) Sea during the last 1500 years. *Quaternary Science Reviews*, 136: 209-228.
- Izdebski, A., Holmgren, K., Weiberg, E., Stocker, S.R., Büntgen, U., Florenzano, A., Gogou, A., Leroy, S.A.G., Luterbacher, J., Martrat, B., Masi, A., Mercuri, A.M., Montagna, P., Sadori, L., Schneider, A., Sicre, M.A., **Triantaphyllou, M.**, Xoplaki, E., **2016**. Realising consilience: How better communication between archaeologists, historians and natural scientists can transform the study of past climate change in the Mediterranean. *Quaternary Science Reviews* 136:5-22.
- Dimiza, M.D., **Triantaphyllou, M.V.**, Koukousioura, O., Hallock, P., Simboura, N., Karageorgis, A.P., Papathanasiou, E., **2016**. The Foram Stress Index: A new tool for environmental assessment of soft-bottom environments using benthic Foraminifera. A case study from the Saronikos Gulf, Greece, Eastern Mediterranean. *Ecological Indicators*, 60: 611–621.
- Dimiza, M.D., Koukousioura, O., **Triantaphyllou, M.V.**, Dermitzakis, M.D. **2016**. Benthic foraminiferal assemblages from coastal environments of the Aegean Sea (Greece). *Revue de Micropaleontologie*, 59: 19-32
- Triantaphyllou, M.V.**, Gogou, A., Dimiza, M.D. et al., **2016**. Holocene Climatic Optimum centennial-scale paleoceanography in the NE Aegean (Mediterranean Sea). *Geo-Marine Letters*, 36(1), 51-66.
- Triantaphyllou, M.V.**, Karatsolis, B., Dimiza, M.D. et al., **2015**. Coccolithophore combination coccospheres from the NE Mediterranean Sea: new evidence and taxonomic revisions. *Micropaleontology*, 61(6): 457-472.
- Malinverno, E., **Triantaphyllou, M.V.**, Dimiza, M.D., **2015**. Coccolithophore assemblage distribution along a temperate to polar gradient in the W-Pacific sector of the Southern Ocean (January 2005). *Micropaleontology*, 61(6): 489-506.
- Dimiza, M.D., **Triantaphyllou, M.V.**, Malinverno, E., Psarra, S., Karatsolis, B., Mara, P., Lagaria, A., Gogou, A., **2015**. The composition and distribution of living coccolithophores in the Aegean Sea (NE Mediterranean). *Micropaleontology*, 61(6): 521-540.
- Corsini-Foka, M., Zenetos, As., Crocetta, F., Çınar, M.E., Koçak, F., Golani, D., Katsanevakis, S., Tsiamis, K., Cook, E., Frogli, C., **Triantaphyllou, M.**, et al., **2015**. Inventory of alien and cryptogenic species of the Dodecanese (Aegean Sea, Greece): collaboration through COST action training school. *Management of Biological Invasions*, 6: 351-366.
- Athanasidou, M., **Triantaphyllou, M.V.**, Dimiza, M.D., Gogou, A., Theodorou, G., **2015**. Zanclean/Piacenzian transition on Cyprus (SE Mediterranean): calcareous nannofossil evidence of sapropel formation, *Geo-Marine Letters*, 35 (5): 367-385.



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