

Dr Margarita Arianoutsou - Farangitaki

Professor of Ecology

Department of Ecology and Systematics

Faculty of Biology

School of Sciences

National and kapodistrian University of Athens

Τηλ. 210.7274352, Fax +30.210.7274885, e-mail: marianou@biol.uoa.gr

<http://www.uaeco.edu.gr/>

Studies

Bachelor in Biology, National and Kapodistrian University of Athens (1975)

Ph.D, Aristotle University of Thessaloniki, (1980)

Post-docs: UCLA, Stanford University, (USA) και University of Queensland (Australia) (1987)

Brief description

Margarita Arianoutsou is a Professor of Ecology in the Department of Ecology and Systematics of the Faculty of Biology of National and Kapodistrian University of Athens (NKUA). She has a considerable experience in the research field of *Ecology and Management of Mediterranean ecosystems* in which she is actively engaged for over 30 years. She has been elected and acted twice as the Secretary of the International Society of Mediterranean Ecologists (*ISOMED*) between 1987-1991 and from 2000 - 2004. She has been a member of the working group established to support the Hellenic National Committee for the Implementation of *UN Convention to Combat Desertification*. Among other activities and commitments, she is a member of the Scientific Committee of the *European Centre of Forest Fires*. She is a member of the Scientific Committee for Climate Change supporting the Ministry of Environment. Between 2002-2005 she has offered as the Secretary of the Board of Directors for the management of Mt. Parnes National Park. She has participated in more than 70 International Symposia - Conferences. She has published more than 80 scientific articles and she has edited 5 books published by (Dr Junk) Kluwer, Plenum Press and Millpress, Springer. She has translated and edited 2 ecological textbooks. She is the Director of the Master on Ecology and Biodiversity Management, run by the Department of Ecology and Sustainatics of NKUA. She has supervised 10 Ph. D theses, 5 Master Theses and more than 30 First Diploma Theses. She is actively involved in Environmental Education and Awareness Campaigns, for which she has also published a book.

Research Interests

Structure, function and management of mediterranean ecosystems

Fire Ecology

Conservation Biology

Climate change

Biological Invasions

Environmental Education

Research Projects (selection)

1. Structure of Mediterranean evergreen sclerophyllous ecosystems of Greece; management prospects (1986-1989), General Secretariat of Research, (Coordinator).
2. Formation of a Data Bank for the natural Environment of Greece (1989-1993), EEC (senior researcher).
3. Drought effects on vegetation and soil degradation in Mediterranean countries (1990 -1993), EEC, DG XII, (Senior researcher).
4. The post-fire legume flora and its role in the recovery of Mediterranean ecosystems after fire (1993-1995), General Secretariat of Research, (Coordinator).
5. Management techniques for optimization of suppression and minimization of wildfire effects "PROMETHEUS", EU, DG XII, ENVIRONMENT, EV5V-CT94-0482 (1994-1996), (Partner).
6. Modelling vegetation dynamics and degradation in Mediterranean ecosystems, "MODMED", EU, DG XII, ENVIRONMENT, EV5V-CT94-0489, (1994-1996), (Partner).
7. Effects of fire on natural Mediterranean ecosystems – Bilateral agreement Greece and Spain (1994-1996), General Secretariat of Research, (Coordinator).

8. Modelling vegetation dynamics and degradation in Mediterranean ecosystems, "MODMED", EU, DG XII, ENVIRONMENT, ENV4-CT95-0139, (1996-1997), (Partner).
9. Risk assessment for desertification after fire (1996-1998), General Secretariat of Research, (Coordinator).
10. An integrated methodology for projecting the impact of climate change and human activity on soil erosion and ecosystem degradation in the Mediterranean: a climatological and dynamic systems approach, "ERMES II", EU, DG XII, ENVIR. & CLIMATE, ENV4-CT95-0181, (1996-1998), (Partner).
11. Land Use Change Interactions with Fire in Mediterranean Landscapes, "LUCIFER", EU, DG XII, ENVIRONMENT & CLIMATE, ENV4-CT96-0320, (1996-2000), (Partner).
12. Modelling Mediterranean Ecosystems Dynamics, ModMED, EU, DG XII, ENVIRONMENT & CLIMATE, ENV4-CT97-0680, 1998-2001, (Partner).
13. PROMETHEUS system validation, 'PROMETHEUS S.V.', EU, DG XII, ENVIR. & CLIMATE, ENV4-CT98-0716, 1998 – 2000, (Partner).
14. Definition and creation of a common knowledge base for Forest Fires (DELFI), Concerted Action, EU, DG XII, 1999, (Expert).
15. The role of mycorrhizas in the Mediterranean plant communities of Greece, Joint Research Programme Greece and Scotland, 1999-2000, (Coordinator).
16. PROMETHEUS system validation, 'PROMETHEUS S.V.', EU, DG XII, ENVIR. & CLIMATE, ENV4-CT98-0716, 1998 – 2000, (Partner)
17. Forest Fire Spread Prevention and Mitigation (SPREAD), EU, Energy, Environment and Sustainable Development, EVG1-2001-00027, 2002 – 2005, (Partner)
18. EUFIRELAB, a wallless laboratory, EU, Energy, Environment and Sustainable Development, EVR1-CT-2002-40028, 2002 – 2006, (Partner) <http://www.eufirelab.org/>
19. PHOENIX. The European Forest Institute (EFI) Project, (2005-2009), (Partner, Management Committee) <http://www.phoenix-efi.org/>
20. Delivering Alien Invasive Species Inventories for Europe (DAISIE), SSPI-CT-2003-511202, EU, Framework Programme for Research, Technological Development, & Demonstration Activities, (2005 – 2008), (Partner, responsible for the plant taxa), <http://www.europe-aliens.org/>
21. Spatial patterns of post-fire recovery of *Pinus halepensis* forests, Ministry of Education, 2005-2006, (Coordination).
22. Ecology and Conservation the endemic *Abies cephalonica* communities in Mt Parnitha and Cephalonia the National Parks, General Secretariat of Research, PENED 2003, 2004-2008, (Coordinator)
23. The plants of Cyprus: an integrated program for educating students and teachers in ecology and environmental awareness (2006-2009). Research Promotion Foundation of Cyprus (KOIN/0506), (Partner).
24. Biological Indicators of conservation status in burned mountain forest communities of Peloponnese, WWF Hellas, 2008-2010, (Coordinator).
25. Monitoring conservation status of *Abies cephalonica* in Ainos National Park, 2009, (Coordinator)
26. Phoenix Project Center, <http://www.phoenixefi.org/>, European Forest Institute (EFI), 2005-2012 (Steering committee)
27. Post-fire effects and management in Southern Europe, FP0701, COST Action, 2009-2013, (Vice Chair), <http://ueaco.biol.uoa.gr/cost/>
28. Forest Fires under climate, social and economic changes in Europe, the Mediterranean and other fire-affected areas of the world (FUME), [Forest fires in the context of climate and social changes] Large Scale IP, FP7, ENV. 1.3.1.1 Grant number: 243888, 2010-2014, (Partner, Steering Committee)
29. European Information System for Alien Species, Alien Challenge, COST Action TD 1209, 2013-2017, (Management committee).
30. Mediterranean forests In Transitions (MEDIT), 2013-2016. Scientific supervisor, Post-doc research grant to Dr N. Fyllas
31. «MedWildfire Lab Global change Impacts on Wildland Fire Behaviour and Uses in Mediterranean Forest Ecosystems, towards a wall less laboratory», 2015-2017, FORESTERRA, Ministry of the Environment (Coordinator).
32. European Alien Species Information Network (EASIN), 2014-2015, Member of the editorial board for plants.

33. Ministry of the Environment. National Adaptation to Climate Change. Policies across sectors. Bank of Greece. 2017. Responsible for Biodiversity and Ecosystems.
34. Development of large scale spatial data (1:5000) for the terrestrial protected Natura 2000 network sites of Greece & Monitoring of conservation status of priority habitat types in Greece, 2014-2017, (Partner).
35. Restoring damages from the fires in Chios island and integrated management plan for environmental protection of the island, 2017-2018, Region of North Aegean, (Partner)
36. European Information System for Alien Species, Alien Challenge, COST Action TD 1209, (2013-2017).
37. Increasing understanding of alien species through citizen science, COST Action CA17122, (2017-2021).
38. LIFE-IPAdaptInGR - LIFE17 IPC/GR/000006, (2020-2021).

Publications in Scientific Journals (selection)

1. **Arianoutsou M.**, Diamantopoulos, J. and N.S. Margaris 1980. Fire behaviour of *Ceratonia siliqua*. *Portugalia Acta Biologica*, 16(1-4), 67-74.
2. **Arianoutsou M.** and N.S. Margaris 1981. Fire induced nutrient losses in a phryganic ecosystem. *International Journal of Biometeorology*, 25(4), 341-347.
3. **Arianoutsou M.** and N.S. Margaris 1981. Early stages of succession after fire in a phryganic (East Mediterranean) ecosystem. I. Regeneration by seed germination. *Biologie Ecologie Méditerranéenne*, 8(3-4), 119-128.
4. **Arianoutsou M.** and N.S. Margaris 1982. Decomposers and the fire cycle in a phryganic (East Mediterranean) ecosystem. *Microbial Ecology*, 8, 91-98.
5. **Arianoutsou M.** and N.S. Margaris 1982. Phryganic (East Mediterranean) Ecosystems and Fire. *Ecologia Mediterranea*, 8(1-2), 473-480.
6. **Arianoutsou-Faraggitaki M.**, Psaras G. and N.S. Christodoulakis 1984. The annual rhythm of cambial activity in two woody species of the Greek "maquis". *Flora*, 175, 221-229.
7. **Arianoutsou-Faraggitaki, M.** 1984. Post-fire successional recovery of a phryganic (East Mediterranean) ecosystem. *Acta Oecologica (Oecologia Plantarum)*, 59(9), 387-394.
8. Psaras, G.K., Christodoulakis N.S. and **M. Arianoutsou-Faraggitaki** 1984. Post-fire cambial activity of two evergreen sclerophyllous species in Greece. *Flora*, 175, 375-381
9. **Arianoutsou-Faraggitaki M.** and J. Diamantopoulos 1985. Comparative phenology of five dominant plant species in maquis and phrygana ecosystems in Greece. *Phyton (Austria)*, 25(1), 77-85.
10. Margaris N.S., **Arianoutsou M.**, Tselas S. and L. Loukas 1985. Air pollution effects on Attica's natural ecosystems. *Bulletin of Environmental Contamination and Toxicology*, 34, 280-284.
11. **Arianoutsou-Faraggitaki M.** 1985. Desertification by overgrazing in Greece: the case of Lesbos island. *Journal of Arid Environments*, 9, 237-242.
12. Roy J. and **M. Arianoutsou-Faraggitaki** 1985. Light quality as the environmental trigger for the germination of the post-fire species *Sarcopoterium spinosum* L. *Flora*, 177, 345-349.
13. Christodoulakis N.S., **Arianoutsou-Faraggitaki M.** and Psaras G.K. 1986. Post-fire leaf structure of two seasonal dimorphic resprouters. *Acta Oecologia (Oecologia Plantarum)*, 7(21), 97-102.
14. **Arianoutsou M.** 1988. Assessing the impacts of human activities on the nesting habitats of the loggerhead sea turtle *Caretta caretta* L. *Environmental Conservation* 15(4), 328-334.
15. **Arianoutsou M.** 1989. Atmospheric deposition of nutrients in a coastal maquis ecosystem of NorthEastern Greece. *International Journal of Biometeorology* 33(2), 124-131.
16. **Arianoutsou M.** 1989. Timing of litter production in a maquis ecosystem of NorthEastern Greece. *Acta Oecologia (Oecologia Plantarum)*. 10(4), 371-378.
17. Specht R.L., H.T. Clifford, **M. Arianoutsou**, L.H. Bird, M.P. Bolton, P.I. Forster, R.I. Grundy, E.E. Hegarty and A. Specht 1991. Structure, Floristics and Species Richness of Plant Communities in SouthEast Queensland. *Proceedings of the Royal Society of Queensland* 101, 27-78.
18. Zacharopoulou A. and **M. Arianoutsou** 1991. Post-fire lichen colonization in evergreen sclerophyllous ecosystems of Halkidiki. North-Eastern Greece. *Botanika Chronika* 10, 945-952.
19. **Arianoutsou M.** and S. Paraskevopoulos 1992. Some aspects of mineral cycling in a maquis (evergreen sclerophyllous) ecosystem of Northeastern Greece. *Israel Journal of Botany*, 41, 135-144.
20. Zaharopoulou, A., Lanaras, T. and **M. Arianoutsou** 1993. Influence of dust from a limestone quarry on chlorophyll degradation of the lichen *Physcia adscendens* (Fr.) Oliv. *Bulletin of Environmental Contamination and Toxicology*, 50, 852-855.

21. **Arianoutsou M.** 1993. Leaf litter decomposition and nutrient release in a maquis (evergreen sclerophyllous) ecosystem of North-Eastern Greece. *Pedobiologia*, 37, 65-71.
22. Kazanis D. and **M. Arianoutsou** 1996. Vegetation structure in a post-fire successional gradient of *Pinus halepensis* Forests of Attica. *International Journal of Wildland Fire* 6(2), 83-91.
23. **Arianoutsou M.** and C.A. Thanos 1996. Legumes in the fire prone Mediterranean regions: the example of Greece, *International Journal of Wildland Fire* 6(2), 77-82.
24. Cowling R.M., Rundel P.W., Lamont B.B., Arroyo M.K. and **M. Arianoutsou** 1996. Plant diversity in Mediterranean-climate regions. *Trends in Ecology and Evolution*, 11(9), 362-366.
25. Kokkoris I. and **M. Arianoutsou** 2000. Flowering and fruiting phenology of four herbaceous species of Leguminosae in a burned *Pinus halepensis* forest of Attica, Greece. *Journal of Mediterranean Ecology* 1, 193-200.
26. Radea C. and **M. Arianoutsou** 2000. Decomposition processes and soil arthropod community in a *Pinus halepensis* Mill. forest of Greece after a wildfire. *European Journal of Soil Biology*, 36, 57-64.
27. Ricotta C., **Arianoutsou M.**, Diaz-Delgado R., Duguy B., Lloret F., Maroudi E., Mazzoleni S., Moreno J-M, Rambal S., Vallejo R. and A. Vazquez 2001. Self-organized criticality of wildfires ecologically revisited. *Ecological Modelling*, 141, 307-311.
28. **Arianoutsou M.** 2001. Landscape changes in Mediterranean Ecosystems of Greece: implications for Fire and Biodiversity issues. *Journal of Mediterranean Ecology*, 2, 165-178.
29. Radea C. and **M. Arianoutsou** 2002. Environmental responses of soil arthropod communities along an altitudinal-climatic gradient of Western Crete, Greece. *Journal of Mediterranean Ecology*, 3, 37-45.
30. Kazanis D. and **M. Arianoutsou** 2004. Long-term post-fire vegetation dynamics in *Pinus halepensis* forests of central Greece: a functional-group approach, *Plant Ecology*, 171, 101-121.
31. Karavas N., Georghiou K., **Arianoutsou M.** and D. Dimopoulos 2005. Vegetation and sand characteristics influencing nesting activity of *Caretta caretta* on Sekania beach. *Biological Conservation* 121, 177-188.
32. **Arianoutsou M.**, Kazanis D. and V. Varela 2007. Mapping the post-fire resilience of mediterranean pine forests: the case of Sounion National Park, Greece. *Options Méditerranéennes*, 75, 25-33.
33. Kazanis D., Gimeno, T., Pausas, J.G., Vallejo, R. and **M. Arianoutsou** 2007. Characterization of fire vulnerable *Pinus halepensis* ecosystems in Spain and Greece. *Options Méditerranéennes*, 75, 131-143.
34. Lambdon P.W., Pyšek P., Basnou C., **Arianoutsou M.**, et al. 2008. Alien flora of Europe: species diversity, temporal trends, geographical patterns and research, *Preslia*, 80, 101-149.
35. Paula S., **Arianoutsou M.**, et al. 2009. Fire-related traits for plant species of the Mediterranean Basin. *Ecology*, 90, (5), 1420-1420.
36. Sotiriou E. and **M. Arianoutsou** 2009. Soil moisture effects on cellulose decomposition in a Mediterranean ecosystem of Attica, Greece. *Israel Journal of Ecology and Evolution*, 55, 63-76.
37. Politi P.I., **Arianoutsou, M.** and G.P. Stamou 2009. Patterns of *Abies cephalonica* seedling recruitment in Mount Ainos National Park, Cephalonia, Greece. *Forest Ecology and Management*, 258, 1129-1136.
38. Bazos I., Kokkoris, I., Zikos, A., Andriopoulos, P., Delipetrou, P., Georghiou K., Yannitsaros A. and **M. Arianoutsou** 2009. The alien vascular flora of Greece: Floristic analysis and chorology, *Bocconea*, 23, 281-284.
39. Winter M., Schweiger O., Klotz S., Nentwig W., Andriopoulos P., **Arianoutsou M.**, et al. 2009. Plant extinctions and introductions lead to phylogenetic and taxonomic homogenization of the European flora, *Proceedings of Natural Academy of Sciences USA (PNAS)* 106, 21721-21725
40. Vilà M., Basnou C., Pyšek P., Josefsson M., Genovesi P., Gollasch S., Nentwig W., Olenin S., Roques A., Roy D., Hulme P.E., Andriopoulos P., **Arianoutsou M.**, et al. 2010. How well do we understand the impacts of alien species on ecosystem services? A pan-European, cross-taxa assessment. *Frontiers in Ecology and Environment*, 8,135-144.
41. Barbati A., **Arianoutsou M.**, et al. 2010. Post-fire forest management in southern Europe: a Cost Action for gathering and disseminating scientific knowledge. *iForest - Biogeosciences and Forestry*, 3, 5-7.
42. Fyllas NF, Politi P-I., Galanidis A., Dimitrakopoulos P.G., and **M. Arianoutsou** 2010. Simulating regeneration and vegetation dynamics in Mediterranean coniferous forests, *Ecological Modelling*, 221, 1494-1504
43. **Arianoutsou M.**, Bazos I., Delipetrou P. and Y. Kokkoris 2010. The alien flora of Greece: taxonomy, life traits and habitat preferences. *Biological Invasions*, 12, 3525-3549

44. **Arianoutsou M.**, Delipetrou P., Celesti-grapow L., Basnou C., Bazos I., Kokkoris Y., Blasi C. and Vilà M. 2010. Comparing naturalized alien plants and recipient habitats across an east-west gradient in the Mediterranean Basin. *Journal of Biogeography*, 37(9), 1811-1823.
45. Papanastasis V.P., **Arianoutsou M.** and K. Papanastasis 2010. Environmental conservation in classical Greece. *Journal of Biological Research*, 14, 123-135
46. Pyšek P., Jarošík V., Hulme P.E., Kühn I., Wild J., **Arianoutsou M.**, et al. 2010. Disentangling the role of environmental and human pressures on biological invasions. *Proceedings of Natural Academy of Sciences USA (PNAS)*, 107(27), 12157-12162, /DC Supplemental.
47. Radea C., Kazanis D. and **Arianoutsou M.**, 2010. Effects of fire history upon soil macroarthropod communities in *Pinus halepensis* stands in Attica, Greece. *Israel Journal of Ecology & Evolution*, 56: 165–179.
48. **Arianoutsou M.**, Koukoulas S., and D. Kazanis. 2011. Evaluating post-fire resilience using GIS and multicriteria analysis: an example from Cape Sounion National Park. *Environmental Management*, 47: 384–397 DOI: 10.1007/s00267-011-9614-7
49. Moreira F., Viedma O., **Arianoutsou M.**, et al. 2011. Landscape - wildfire interactions in southern Europe: Implications for landscape management. *Journal of Environmental Management*, 92, 2389-2402.
50. Politi P.I., Georghiou K. & **M. Arianoutsou** 2011. Reproductive biology of the endemic *Abies cephalonica* Loudon in Mount Aenos National Park, Cephalonia, Greece. *Trees: Structure and Function*, DOI: 10.1007./s00468-011-0542-1
51. Wilson J.R.U., Gairifo C., Gibson M.R., **Arianoutsou M.**, et al. 2011. Risk assessment, eradication, and biological control: global efforts to limit Australian acacia invasions. *Diversity and Distributions*, 17, 1030–1046.
52. Poizaridis K., Zografou K., Kordopatis P., Kalivas D.P., **Arianoutsou M.**, Kazanis D. & Korakaki E., 2012. A GIS-based integrated approach predicts accurately post-fire Aleppo pine regeneration at regional scale. *Annals of Forest Science*, 69:519–529 DOI: 10.1007/s13595-012-0222-3.
53. Koutsias N., **Arianoutsou M.**, Kallimanis A.S., Mallinis G., Halley J.M., and Dimopoulos P., 2012. Where did the fires burn in Peloponnisos, Greece the summer of 2007? Evidence for a synergy of fuel and weather. *Agricultural and Forest Meteorology*, 156: 41– 53, DOI: 10.1016/j.agrformet.2011.12.006.
54. Kazanis, D., Xanthopoulos G. and **Arianoutsou M.**, 2012. Understorey fuel load estimation along two post-fire chronosequences of *Pinus halepensis* Mill. forests in Central Greece. *Journal of Forest Research*, 17:105–109, DOI: 10.1007/s10310-011-0250-0.
55. Paraskeva-Hadjichambi D., Korfiatis K., Hadjichambis A. and **Arianoutsou M.**, 2012. Conservation Reasoning and Proposed Actions for the Protection of Threatened Plant Species: Insights From a Sample of Rural and Urban Children of Cyprus. *Society & Natural Resources*, DOI: 10.1080/08941920.2011.642461.
56. Koutsias N., Xanthopoulos G., Founda D., Xystrakis F., Nioti F., Pleniou M., Mallinis G. and **Arianoutsou M.**, 2012. On the relationships between forest fires and weather conditions in Greece from long-term national observations (1894–2010). *International Journal of Wildland Fire*, <http://dx.doi.org/10.1071/WF12003>.
57. Radea C. and **Arianoutsou M.**, 2012. Soil arthropod communities and population dynamics following wildfires in Pine forests of the Mediterranean basin: a review. *Israel Journal of Ecology & Evolution*, Vol. 58, 2012, pp. 137–149. DOI: 10.1560/IJEE.58.2-3.137.
58. Ne'eman G., Lev-Yadun S. & **Arianoutsou M.**, 2012. Fire-related traits in Mediterranean basin plants. *Israel Journal of Ecology & Evolution*, Vol. 58, 2012, pp. 177–194. DOI: 10.1560/IJEE.58.2-3.177.
59. **Arianoutsou M.** and Vilá M., 2012. Fire and invasive plant species in the Mediterranean basin. *Israel Journal of Ecology & Evolution*, Vol. 58, 2012, pp. 195–203. DOI: 10.1560/IJEE.58.2-3.195.
60. Christopoulou A., Fulé P., Andriopoulos P., Sarris D., and **Arianoutsou M.**, 2013. Dendrochronology-based fire history of *Pinus nigra* forests in Mount Taygetos, Southern Greece. *Forest Ecology and Management*, 293: 132–139.
61. **Arianoutsou M.**, et al. 2014. Comparative patterns of plant invasions in the Mediterranean Biome. *PLOSone*, 8(11): 1-13.

62. Sarris D., Christopoulou A., Angelonidi E., Koutsias N., Fulé P.Z., **Arianoutsou, M.** 2014. Increasing extremes of heat and drought associated with recent severe wildfires in southern Greece. *Regional Environmental Change*, 14: 1257–1268, doi:[10.1007/s10113-013-0568-6](https://doi.org/10.1007/s10113-013-0568-6)
63. Christopoulou A., Fyllas N.M., Andriopoulos P., Koutsias N., Dimitrakopoulos P.G., and **Arianoutsou M.**, 2014. Post-fire regeneration patterns of *Pinus nigra* in a recently burned area in Mount Taygetos, Southern Greece: The role of unburned forest patches. *Forest Ecology and Management*, 327: 148–156.
64. Mallinis G., Koutsias N., and **Arianoutsou M.**, 2014. Monitoring land use/land cover transformations from 1945 to 2007 in two peri-urban mountainous areas of Athens metropolitan area, Greece. *Science of the Total Environment*, 490: 262–278.
65. Cowling R.M., Potts A., Bradshaw P.L., Colville J., **Arianoutsou M.** et al. 2015. Variation in plant diversity in mediterranean-climate ecosystems: the role of climatic and topographical stability. *Journal of Biogeography* 42(3): 552-564.
66. Mitsopoulos, I., Mallinis G., and **Arianoutsou M.**, 2015. Wildfire Risk Assessment in a Typical Mediterranean Wildland–Urban Interface of Greece. *Environmental Management* 55: 900–915, DOI 10.1007/s00267-014-0432-6.
67. Katsanevakis S., Deriu I., D’Amico F., Nunes A.L., Sanchez S.P., Crocetta F., **Arianoutsou M.**, et al., 2015. European Alien Species Information Network (EASIN): supporting European policies and scientific research. *Management of Biological Invasions*, Volume 6, Issue 2: 147–157.
68. Zenetos, A., **Arianoutsou M.**, et al. 2015. ELNAIS: A collaborative network on Aquatic Alien Species in Hellas (Greece). *Management of Biological Invasions*, 6(2): 147-157.
69. Salis M., Arca B., Alcasena F., **Arianoutsou M.**, et al. 2016. Predicting wildfire spread and behaviour in Mediterranean landscapes. *International Journal of Wildland Fire*. 25(10):1015-1032. DOI: 10.1071/WF15081.
70. Kioupi V. and **Arianoutsou M.** 2016. Greek Students Research the Effects of Fire on the Soil System through Project-based Learning. *Journal of Biological Education*, 50(3): 304-319, DOI: 10.1080/00219266.2015.1117509.
71. Tsiamis K., Gervasini E., D’Amico F., Deriu I., Katsanevakis S., Crocetta F., Zenetos A., **Arianoutsou M.**, et al. 2016. The EASIN Editorial Board: quality assurance, exchange and sharing of alien species information in Europe. *Management of Biological Invasions* 7, <http://dx.doi.org/10.3391/mbi.2016.7.4.02>
72. Fyllas N.M., Christopoulou A., Galanidis A., Michelaki C.Z, Dimitrakopoulos P.G., Fulé P.Z., & **Arianoutsou M.** 2017. Tree growth-climate relationships in a forest-plot network on Mediterranean mountains. *Science of the Total Environment* 598: 393-403.
73. Seebens H., Blackburn T.M.,..., **Arianoutsou M.**, et al. 2017. No saturation in the accumulation of alien species worldwide. *Nature Communications*, 8, 14435 doi: 10.1038/ncomms14435.
74. Fyllas N.M., Christopoulou A., Galanidis A., Michelaki CH.Z., Giannakopoulos Ch., Dimitrakopoulos P.G., **Arianoutsou M.**, & Gloor M. 2017. Predicting species dominance shifts across elevation gradients in mountain forests in Greece under a warmer and drier climate. *Reg. Environ. Change*, DOI 10.1007/s10113-016-1093-1
75. Dimitrakopoulos P.G., Koukoulas S., Galanidis A., Delipetrou P., Touloumi K., Gounaridis P., & **M. Arianoutsou** 2017. Factors shaping alien plant species richness spatial patterns across Natura 2000 Special Areas of Conservation of Greece. *STOTEN*, 601, 461-468.
76. Christopoulou A., Kazanis D., Fyllas N.M., **Arianoutsou M.** 2018. Post-fire recovery of *Abies cephalonica* forest communities: the case of Mt Parnitha National Park, Attica, Greece, *iForest – Biogeosciences and Forestry* – doi: [10.3832/ifer2744-011](https://doi.org/10.3832/ifer2744-011)
77. Peyton J., Martinou A.F., Pescott O., Demetriou M., Adriaens T., **Arianoutsou M.** et al. 2019. Horizon scanning for invasive alien species with the potential to threaten biodiversity and human health on a Mediterranean island. *Biol Invasions* doi.org/10.1007/s10530-019-01961-7.

78. Michelaki Ch., Fyllas NM, Galanidis A, Aloupi M, Evangelou E, **Arianoutsou M**, Dimitrakopoulos PG. 2019. An integrated phenotypic trait-network in thermo-Mediterranean vegetation describing alternative, coexisting resource-use strategies. *Science of the Total Environment*, 672, 583-592.
79. Christopoulou A, Mallinis G, Vassilakis E, Farangitakis GP, Fyllas NM, Kokkoris GD, **Arianoutsou M**. 2019. Assessing the impact of different landscape features on post-fire forest recovery with multitemporal remote sensing data: the case of Mount Taygetos (southern Greece). *International Journal of Wildland Fire* 28, 521–532.
80. Moreira F, Allsopp N, Esler KJ, Wardell-Johnson G., Ancillotto L, **Arianoutsou M**, et al. 2019. Priority questions for biodiversity conservation in the Mediterranean biome: Heterogeneous perspectives across continents and stakeholders. *Conservation Science and Practice*, DOI: 10.1111/csp2.118.
81. Michelaki Ch., Fyllas NM, Galanidis A, Aloupi M, Evangelou E, **Arianoutsou M**, Dimitrakopoulos PG. 2020. Adaptive flammability syndromes in thermo-Mediterranean vegetation, captured by alternative resource-use strategies. *Science of the Total Environment*, doi.org/10.1016/j.scitotenv.2020.137437.
82. Fyllas NM, Michelaki Ch, Galanidis A, Evangelou E, Zaragosa-Castells J., Dimitrakopoulos PG, Tsadilas Ch, **Arianoutsou M.**, Lloyd J., 2020. Functional trait variation among and within species and plant functional types in mountainous Mediterranean forests. *Frontiers in Plant Science*, doi.org/10.3389/fpls.2020.00212.
83. Peyton JM, Martinou AF, Adriaens T, Chartosia N, Karachle PK, Rabitsch W, Tricarico E, Arianoutsou, M. et al. 2020. Horizon scanning to predict and prioritise invasive alien species with the potential to threaten human health and economies on Cyprus. *Ecology and Evolution*, DOI: 10.3389/fevo.2020.566281.

Publications in Scientific Books

1. MARGARIS, N.S., PARASKEVOPOULOS, S. and **M. ARIANOUTSOU**, 1982. Maquis for Biomass in Greece. In: "Energy from Biomass", pp. 247-251. A. Strub. P. Chartier and G. Schlessler (Eds). Applied Science Publishers, London, New York, 1148p.
2. MARGARIS, N.S., **ARIANOUTSOU, M.** and S. PARASKEVOPOULOS, 1983. Harvesting before the fire for energy Mediterranean-type ecosystems in Greece, costs and benefits. In: "Energy from Biomass" Series E. Vol. 5, pp. 142-147, W. Palz and D. Pirwitz (Eds), D. Reidel Publishing Company, Dordrecht/Boston/Lancaster, 404p.
3. **ARIANOUTSOU, M.** 1988. Eco-morphological characters: Maquis, Stavros, Halkidiki. In: "Mediterranean-type ecosystems. A data source book". R.L. Specht (Ed), Chapter 2: Vegetation, nutrition and climate -data tables (1) Natural vegetation – ecomorphological characters, pp. 52. Kluwer Academic Publishers, Dordrecht/Boston/London, 248p.
4. **ARIANOUTSOU, M.** and S. KOKKINI, 1988. Eco-morphological characters: Phrygana, Hymettus, Athens. In: "Mediterranean-type ecosystems. A data source book". R.L. Specht (Ed), Chapter 2: Vegetation, nutrition and climate -data tables (1) Natural vegetation – ecomorphological characters, pp. 51 Kluwer Academic Publishers, Dordrecht/Boston/London, 248p.
5. **ARIANOUTSOU, M.** and S. PARASKEVOPOULOS 1988. Climate stations in Greece. Climatic data for Greece - Classification. In: "Mediterranean-type ecosystems. A data source book". R.L. Specht (Ed), Chapter 2. Vegetation, nutrition and climate -data tables (4) Climate, pp. 125. Kluwer Academic Publishers, Dordrecht/Boston/London, 248p.
6. **ARIANOUTSOU, M.**, HUTLEY, L.B., PARASKEVOPOULOS, S. and R.L. SPECHT 1988. Climatic data for Greece - Classification. In: "Mediterranean-type ecosystems. A data source book". R.L. Specht (Ed), Chapter 2. Vegetation, nutrition and climate -data tables (4) Climate, pp. 126. Kluwer Academic Publishers, Dordrecht/Boston/London, 248p.
7. **ARIANOUTSOU, M.**, P.W. RUNDEL and W.L. BERRY, 1993. Serpentine endemics as Biological Indicators of Soil Elemental Concentration. In: 'Plants as Biomonitors', pp. 179- 189. B. Markert (Ed). VCH Publishers, Weinheim, 644p.
8. **ARIANOUTSOU, M.**, P. DELIPETROU, P. DIMOPOULOS, E. ECONOMIDOU, V. KARAGIANNAKIDOU, P. KONSTANTINIDES, P. PANAGIOTIDES, M. PANITSA and G. TSIURLIS 1996. Habitat types present in Greece: In: The Greek Habitat Project. An overview. S. Dafis, E. Papastergiadou, K. Georghiou, D.

- Babalonas, T. Georgiadis, M. Papageorgiou, E. Lazaridou and V. Tsiaousi (Eds), pp. 402- 434. Commission of the European Communities DG XI, The Goulandris Natural History Museum, Greek Biotope Wetland Centre, 893p.
9. **ARIANOUTSOU, M.** 1998. Aspects of demography in post-fire Mediterranean plant communities of Greece. In: Landscape Degradation in Mediterranean-Type Ecosystem. P.W. Rundel, G. Montenegro and F. Jaksic (Eds), Ecological Studies 136, Springer - Verlag, pp. 273-295.
 10. RADEA, C. and **M. ARIANOUTSOU**, 1998. Decomposition processes and soil mesofauna groups in post-fire successional *Pinus halepensis* forests of Greece. In: Fire Management and Landscape Ecology. L. Trabaud (Ed), International Association of Wildland Fire, Fairfield, USA, pp 247-252.
 11. ISPIKOUDIS, I., P. KAKOUIROS, **M. ARIANOUTSOU** and V.P. PAPANASTASIS. 1999. Effects of pastoral activities on woody plant distribution and landscape diversity in Western Crete. In: 'Grasslands and Woody Plants in Europe', V.P. Papanastasis, J. Frame and A.S. Nastis (Eds), pp. 287-293, EGF, Grassland Science in Europe, Thessaloniki and Reading, 437p.
 12. **ARIANOUTSOU M.** and G. NE'EMAN 2000. Post-fire regeneration of natural *Pinus halepensis* forests in the East Mediterranean Basin. In: Ecology, Biogeography and Management of Mediterranean Pine Forest. G. Ne'eman, and L. Trabaud (Eds), pp. 269-290, Backhuys Publishers, 407p.
 13. **ARIANOUTSOU M.** and C. RADEA 2000. Litter production and decomposition in *Pinus halepensis* forests. In: Ecology, Biogeography and Management of Mediterranean Pine Forest. G. Ne'eman and L. Trabaud (Eds), pp. 183-190, Backhuys Publishers, 407 p.
 14. PAPANASTASIS V.P., I. ISPIKOUDIS, **M. ARIANOUTSOU**, P. KAKOUIROS and A. KAZAKLIS 2004. Land use changes and landscape dynamics in Western Crete. In: Recent dynamics of Mediterranean Vegetation Landscape. S., Mazzoleni, G. Di Pascuale, P. Di Martino, P. di Martino and F.C. Rego (Eds), Series on the Environmental Problems and Social Dynamics, pp. 81-95, John Wiley & Sons, Ltd, 306 p.
 15. PYŠEK P., LAMBDON P.W., **ARIANOUTSOU M.**, KUHN I., PINO J. and M., WINTER 2009. Alien vascular plants of Europe. In: The Handbook of Alien Species in Europe. Hulme, P., Nentwig, W., Pyšek, P., and M. Vilà (Eds), pp. 43-63, Springer, 399 p.
 16. **ARIANOUTSOU, M.**, LEONE V., MOYA D., LOVREGGIO R., DELIPETROU P. and DE LAS HERAS J., 2012. Management of Threatened, High Conservation Value, Forest Hotspots under Changing Fire Regimes. In: Post-Fire Management and Restoration of Southern European Forests. Moreira, F., Arianoutsou, M., Corona, P., De las Heras, J. (Eds.), pp. 257-291, Managing Forest Ecosystems 24, DOI 10.1007/978-94-007-2208-8-7, Springer, 329p.
 17. RETANA J., ARNAN X., **ARIANOUTSOU, M.**, BARBATI A., KAZANIS D. and RODRIGO A., 2012. Post-Fire Management of Non-Serotinous Pine Forests. In: Post-Fire Management and Restoration of Southern European Forests. Moreira, F., Arianoutsou, M., Corona, P., De las Heras, J. (Eds.), pp. 151-170, Managing Forest Ecosystems 24, DOI 10.1007/978-94-007-2208-8-7, Springer, 329p.
 18. VALLEJO R., **ARIANOUTSOU, M.**, MOREIRA, F., 2012. Fire Ecology and Post-Fire Restoration Approaches in Southern European Forest Types. In: Post-Fire Management and Restoration of Southern European Forests. Moreira, F., Arianoutsou, M., Corona, P., De las Heras, J. (Eds.), pp. 93-119, Managing Forest Ecosystems 24, DOI 10.1007/978-94-007-2208-8-7, Springer, 329p.
 19. MOREIRA, F., **ARIANOUTSOU, M.**, VALLEJO R., DE LAS HERAS J., CORONA P., XANTHOPOULOS G., FERNANDES P. and PAPAGEORGIOU K., 2012. Setting the Scene for Post-Fire Management. In: Post-Fire Management and Restoration of Southern European Forests. Moreira, F., Arianoutsou, M., Corona, P., De las Heras, J. (Eds.), pp. 1-19, Managing Forest Ecosystems 24, DOI 10.1007/978-94-007-2208-8-7, Springer, 329p.
 20. **ΑΡΙΑΝΟΥΤΣΟΥ –ΦΑΡΑΓΙΤΑΚΗ Μ. & Δ. ΚΑΖΑΝΗΣ.** 2012. Ο Οικολογικός ρόλος της φωτιάς στα χερσαία οικοσυστήματα της Ελλάδας. Στο: Α.Χ. Παπαγεωργίου, Γ. Καρέτσος και Γ. Κατσαδωράκης (Επιμ. Έκδοσης). Το δάσος: μια ολοκληρωμένη προσέγγιση, σελ. 103-116. WWF Ελλάς, Αθήνα.
 21. VIEDMA O., KOUTSIAS, MORENO J.M., MALLINIS G. XYSTRAKIS, F. DUGUY B., MARTIN, P. KAVGACI A., **ARIANOUTSOU M.** 2014. Trends in land use and land cover changes and socioeconomics. In: FUME Forest fires under climate, social and economic changes in Europe, the Mediterranean and other fire-affected areas of the world, JM Moreno (ed), Adelaide, Australia, Electronic Edition.

22. BACCIO V, TRIGO R., ET AL. 2014. Fire and weather relationships: present climate. In: FUME Forest fires under climate, social and economic changes in Europe, the Mediterranean and other fire-affected areas of the world, JM Moreno (ed), Adelaide, Australia, Electronic Edition.
23. LUNA B. **ARIANOUTSOU M.** ET AL. 2014. Germination sensitivity of Mediterranean Species to changing climate conditions. In: FUME Forest fires under climate, social and economic changes in Europe, the Mediterranean and other fire-affected areas of the world, JM Moreno (ed), Adelaide, Australia, Electronic Edition.
24. **ARIANOUTSOU M.**, PEREZ B., ET AL. 2014. Vegetation response to changes in fire regime. In: FUME Forest fires under climate, social and economic changes in Europe, the Mediterranean and other fire-affected areas of the world, JM Moreno (ed), Adelaide, Australia, Electronic Edition.
25. MORENO JM, MORALES-MOLINO C., TORRES I., **ARIANOUTSOU M.** 2021. Fire in Mediterranean Pine Forests, Past, Present and Future. In: G. Ne'eman and Y. Osem (eds), Pines and their mixed forest ecosystems in the Mediterranean Basin, Managing Forest Ecosystems, Springer, in press.
26. TORRES I., MORENO JM, MORALES-MOLINO C, **ARIANOUTSOU M.** 2021. Ecosystem Services Provided by Pine Forests. In: G. Ne'eman and Y. Osem (eds), Pines and their mixed forest ecosystems in the Mediterranean Basin, Managing Forest Ecosystems, Springer, in press.
27. RADEA C. and **M. ARIANOUTSOU** 2021. Soil micro- and macro fauna in mediterranean pine and mixed forests. In: Ne'eman G., and Y. Osem, (Eds.) Pines and Their Mixed Forest Ecosystems in the Mediterranean Basin. Springer, in press.
28. NE'EMAN G. and **M. ARIANOUTSOU.** Mediterranean Pines – Adaptations to Fire. In: Ne'eman G., and Y. Osem, (Eds.) Pines and Their Mixed Forest Ecosystems in the Mediterranean Basin. Springer, in press.

Publications in Books of Proceedings (selection)

1. **ARIANOUTSOU M.** and N.S. MARGARIS 1981. Producers and the fire cycle in a phryganic ecosystem. In "Components of Productivity of Mediterranean climate Regions: Basic and Applied Aspects", pp. 181-190. N.S. Margaris and H.A. Mooney (Eds.), Dr. W. Junk Publishers, The Netherlands, 279p
2. **ARIANOUTSOU M.** and N.S. MARGARIS 1982. Microbial activity after fire in a phryganic (East Mediterranean) ecosystem. In: Proc. of the Symposium on "Dynamics and Management of Mediterranean-Type ecosystems". C.E. Conrad and W.C. Oechel (Eds), pp 321-324. USDA, Forest Service Pacific Southwest Forest and Range Experiment Station, GTR PSW-58, 637p.
3. MARGARIS N.S., **ARIANOUTSOU M.**, TSELAS S. and L. LOUKAS, 1986. Desertification due to air pollution in Attica. In: "Desertification in Europe". R. Fantechi and N.S. Margaris (Eds), pp 166-170. D. Reidel Publishing Company, Dordrecht/Boston/London, 231p.
4. PSARAS, G., **ARIANOUTSOU M.** and N.S. MARGARIS, 1986. Minimization of photosynthesis due to air pollution. In: "Desertification in Europe". R. Fantechi and N.S. Margaris (Eds), pp 170-176. D. Reidel Publishing Company, Dordrecht/Boston/London, 231p.
5. **ARIANOUTSOU M.** and Th. A. MARDIRIS 1987. Observations on the phenology of the dominant plants of the Greek maquis. In: "Plant Response to Stress. Functional Analysis in Mediterranean Ecosystems" J.D. Tenhunen, F.M. Catarino, D.L. Lange and W.C. Oechel, (Eds). Series 6, Vol. 15, pp 515-519. Springer-Verlag, Berlin / Heidelberg / New York / London / Paris / Tokyo, 668p.
6. PAPAVALASSILOU S. and **M. ARIANOUTSOU** 1993. Regeneration of the leguminous herbaceous vegetation following fire in a *Pinus halepensis* forest of Attica, Greece. In: "Fire in Mediterranean Ecosystems", L. Trabaud and R. Prodon (Eds), pp 119-126. Ecosystem Research Report no 5, Commission of the European Communities, 441p.
7. KAZANIS D. and **M. ARIANOUTSOU** 1994. Vegetation structure in a post-fire successional gradient of *Pinus halepensis* forests. In: Book of Proceedings of the 2nd International Conference on Forest Fire Research, D.X. Viegas (Ed), pp 979-993, Publisher D.X. Viegas, 1275p.

8. **ARIANOUTSOU M.** and C.A. THANOS 1994. Legumes in the fire-prone Mediterranean environment. In: Book of Proceedings of the 2nd International Conference of Forest Fire Research, D. X. Viegas (Ed), pp. 995-1005, Publisher D.X. Viegas, 1275p.
9. PAPAVALASSILOU S., **M. ARIANOUTSOU** and C.A. THANOS 1994. Aspects of the reproductive biology of fire following species of Leguminosae in a *Pinus halepensis* Mill. forest. In: Book of Proceedings of the 2nd International Conference on Forest Fire Research. Suppl. D.24.
10. GIANNAKIS N. and **M. ARIANOUTSOU** 1997. Effects of fire on mycorrhizal fungi in Mediterranean-type ecosystems. In: Book of Proceedings of the European School on "Forest Fire Risk and Management", P. Balabanis, G. Eftichidis, and R. Fantechi (Eds), pp 383-389. European Commission, 443p.
11. PAPAVALASSILOU S. and **M. ARIANOUTSOU** 1997. Natural post-fire regeneration of Leguminosae in a *Pinus halepensis* forest of Attica. In: Book of Proceedings of the European School on "Forest Fire Risk and Management", P. Balabanis, G. Eftichidis and R. Fantechi (Eds), pp 411-419. European Commission, 443p.
12. **ARIANOUTSOU M.**, D. KAZANIS, C. RADEA and S. PAPAVALASSILOU 1998. Biological indicators of land degradation along an altitudinal gradient of Western Crete. In: 'Ecological Basis of Livestock Grazing in Mediterranean Ecosystems', V.P. Papanastasis and D. Peter (Eds), pp 159-166, EUR 18308 EN, European Commission, 350p.
13. LEGG C., V.P. PAPANASTASIS, D. HEATHFIELD, **M. ARIANOUTSOU**, A. KELLY, R. MUETZELFELDT and S. MAZZOLENI 1998. Modelling the impact of grazing on vegetation in the Mediterranean: the approach of ModMED project. In: 'Ecological Basis of Livestock Grazing in Mediterranean Ecosystems', V.P. Papanastasis and D. Peter (Eds), pp 189-199. EUR 18308 EN, European Commission, 350p.
14. **ARIANOUTSOU M.**, 1998. Fire's effects on the ecosystem: the *PROMETHEUS* Project approach. Book of Proceedings of the Third International Conference on Forest Fire Research, D.X. Viegas (Ed), pp 1827 - 1841. Associacao para o Desenvolvimento da Aerodinamica Industrial, 2718p.
15. KOKKORIS I. and **M. ARIANOUTSOU**, 1998. Flowering phenology, breeding system and pollination of 4 leguminous species in a burned Aleppo pine forest of C. Greece. Book of Proceedings of the Third International Conference on Forest Fire Research, D.X. Viegas (Ed), pp 1927 – 1935, Associacao para o Desenvolvimento da Aerodinamica Industrial, 2718p.
16. **ARIANOUTSOU, M.**, C. CARTALIS, DELIGIORGI, D., KOUROUPETROGLOU, G., FARANGITAKIS, G., FLEGG, F., PHOTOPOULOS, A., SKAMPARDONIS, S., VANIKIOTI, V, ADAKTYLOU, N, ANDRITSOS, A., CHRYSOULAKIS, N., KAZANIS, D., NIAHOU, K., PAPAVALASSILOU, S., RADEA, C., and C. MICHALOPOULOS. 1998. Global Learning Observations to Benefit the Environment' (GLOBE): an international programme for environmental awareness and education. In: Book of Proceedings of the International Conference on Environment and Society: education and Public Awareness for Sustainability, UNESCO, Scoullos M. (ed),, pp 345-348, Oxy Creative team, 862 p
17. **ARIANOUTSOU M.** 1999. Effects of fire on vegetation demography. International Symposium on Forest Fires: Needs and Innovations, (DELFI), Athens, pp. 265-274.
18. VARELA, V., G. EFTICHIDIS, E. MAROUDI and **M. ARIANOUTSOU** 1999. Land use changes in an area heavily affected by fire: the case of Mountain Penteli. International Symposium on Forest Fires: Needs and Innovations, (DELFI), pp. 300-305.
19. MORENO, J.M., REGO, F., VIEGAS, D., VALLEJO, R., TERRADAS, J., ELJAI, A., RAMBAL, S., HILL, J., GIOVANNINI, G., MAZZOLENI, S., **ARIANOUTSOU, M.**, and V. VARELA 2000. LUCIFER: Land use change interactions with fire in Mediterranean landscapes. In: Terrestrial Ecosystem Research in Europe: successes, challenges and policy. Sutton, M.A., Moreno, J.M., van der Putten W.H. and S. Struwe (eds), pp 159-161, EUR 19375 EN.
20. **ARIANOUTSOU, M.** 2001. The role of fire in the Mediterranean forests: past, present and future perspectives. In: Assessment, Conservation and Sustainable Use of Forest Biodiversity, pp. 76-77, CBD Technical Series 3, 120p
21. **ARIANOUTSOU M.** D. KAZANIS, Y. KOKKORIS, and P. SKOUROU. 2002. Land-use interactions with fire in Mediterranean *Pinus halepensis* landscapes of Greece: patterns of biodiversity. IV International Forest Fire Research Conference, Millpress, electronic edition.
22. KAZANIS D. and **M. ARIANOUTSOU** 2002. Long term post-fire dynamics of *Pinus halepensis* forests of Central Greece: plant community patterns IV International Forest Fire Research Conference, Millpress, electronic edition.

23. KAZANIS D. and **M. ARIANOUTSOU** 2004. Factors determining low Mediterranean ecosystems resilience to fire: The case of *Pinus halepensis* forests. In: Arianoutsou M. and V.P. Papanastasis (Eds). Ecology, Conservation and Management of Mediterranean Climate Ecosystems. Millpress, electronic edition.
24. RADEA C. and **M. ARIANOUTSOU** 2004. Decomposition rates of legumes and cellulose in a *Pinus halepensis* Mill. Forest of Greece after a wild fire. In: Arianoutsou M. and V.P. Papanastasis (Eds). Ecology, Conservation and Management of Mediterranean Climate Ecosystems. Millpress, electronic edition.
25. SKOUROU P. and **M. ARIANOUTSOU** 2004. Patterns of seed dispersal in three co-occurring *Cistus* species in a *Pinus halepensis* forest of central Greece. In: Arianoutsou M. and V.P. Papanastasis (Eds). Ecology, Conservation and Management of Mediterranean Climate Ecosystems. Millpress, electronic edition.
26. KOKKORIS Y. and **M. ARIANOUTSOU** 2004. Demographic monitoring of four endemic plant taxa in the fire prone environments of Central Greece: early results. In: Arianoutsou M. and V.P. Papanastasis (Eds). Ecology, Conservation and Management of Mediterranean Climate Ecosystems. Millpress, electronic edition.
27. SOTIRIOU E. and **M. ARIANOUTSOU** 2004. Moisture effects on decomposition rates in a Mediterranean ecosystem of Attica, Greece. In: Arianoutsou M. and V.P. Papanastasis (Eds). Ecology, Conservation and Management of Mediterranean Climate Ecosystems. Millpress, electronic edition.
28. **ARIANOUTSOU M.** 2004. Predicting the post fire regeneration and resilience of Mediterranean plant communities. In: Arianoutsou M. and V.P. Papanastasis (Eds). Ecology, Conservation and Management of Mediterranean Climate Ecosystems. Millpress, electronic edition.
29. PAPANASTASIS V.P., **ARIANOUTSOU M.** and G. LYRINTZIS 2004. Management of biotic resources in ancient Greece. In: Arianoutsou M. and V.P. Papanastasis (Eds). Ecology, Conservation and Management of Mediterranean Climate Ecosystems. Millpress, electronic edition.
30. KAZANIS D., G. XANTHOPOULOS and **M. ARIANOUTSOU** 2006. Long-term post-fire evolution of understorey biomass in *Pinus halepensis* Mill. forests of Central Greece. In: D.X. Viegas (Ed). V International Forest Fire Research Conference, Elsevier, electronic edition.
31. MOREIRA F., **ARIANOUTSOU M.**, FERNANDES P., MAZZOLENI S., RIGOLOT E. and V. VALLEJO 2006. What to do after fire? The contribution of the Phoenix Project Centre to post-fire management. In: D.X. Viegas (Ed). V International Forest Fire Research Conference, Elsevier, electronic edition.
32. **ARIANOUTSOU M.** 2007. Resilience of Mediterranean vegetation to fire: issues under the global change scenarios. In: Rokich, D., Wardell-Johnson, G., Yates, C., Stevens, J., Dixon, K., R. McLellan, R., Moss, G. (Eds.), Proceedings of the MEDECOS XI 2007 Conference, Perth, Australia. Kings Park and Botanic Garden, Perth, Australia, pp. 5–7.
33. KAZANIS D. and **ARIANOUTSOU M.** 2007. Diversity and abundance of geophytes along post-fire chronosequences of *Pinus halepensis* forests in Greece. In: Rokich, D., Wardell-Johnson, G., Yates, C., Stevens, J., Dixon, K., R. McLellan, R., Moss, G. (Eds.), Proceedings of the MEDECOS XI 2007 Conference, Perth, Australia. Kings Park and Botanic Garden, Perth, Australia, pp. 135-136.
34. POLITI P.I., **ARIANOUTSOU M.**, and GEORGHIOU K. 2007. Aspects of reproductive biology of the Greek fir (*Abies cephalonica* L.) in the Mt. Aenos National Park (Greece). In: Rokich, D., Wardell-Johnson, G., Yates, C., Stevens, J., Dixon, K., R. McLellan, R., Moss, G. (Eds.), Proceedings of the MEDECOS XI 2007 Conference, Perth, Australia. Kings Park and Botanic Garden, Perth, Australia, pp191-192, Perth, Australia.
35. **ARIANOUTSOU M.**, KOKKORIS, Y., BAZOS, I., ANDRIOPOULOS P. and P. DELIPETROU, 2007. Life history traits and habitat preferences of the alien plants in Greece. In: Rokich, D., Wardell-Johnson, G., Yates, C., Stevens, J., Dixon, K., McLellan, R., Moss, G. (Eds.), Proceedings of the MEDECOS XI 2007 Conference, Perth, Australia. Kings Park and Botanic Garden, Perth, Australia, pp. 7-8.
36. KAZANIS, D., and **M. ARIANOUTSOU**. 2009. Environmental responses of plant communities along an altitudinal-climatic gradient of Western Crete, Greece. In: D. Ivanova (Ed). 'Plant, fungal and habitat diversity investigation and conservation', Proceedings of the 4th Balkan Botanical Congress, Sofia, pp. 353-356.
37. **ARIANOUTSOU, M.** 2009. Landcover changes in Mediterranean landscapes of Greece: implications for fire and biodiversity issues. In: Evelpidou, N. and T. de Figueiredo (Eds), 'Soil protection in sloping

Mediterranean Agri-environments: lectures and exercises' Instituto Politécnico de Bragança, Portugal, pp. 23-27.

38. **ARIANOUTSOU M.** 2010. Setting the criteria for the post-fire management of Black pine forests. In: Kakouros, P. and V. Chrysopolitou (Eds). New approaches to the restoration of Black pine forests. Conference proceedings, Sparti, Greece 15 & 16 October 2009. Greek Biotope/Wetland Centre. Themi, Greece, (Gr & En), pp. 51-59.
39. MAZZOLENI S. LEGG C., MUETZEFELDT R., HEATHFIELD D., **ARIANOUTSOU M.**, REGO F. GUCCI R., A. DI GENNARO 2000. The ModMED project, electronic edition, Vienna.
40. **ARIANOUTSOU M.**, CHRISTOPOULOU A., GANOU E., KOKKORIS I., KAZANIS D., 2009. Post-fire Response of the Greek Endemic *Abies cephalonica* Forests in Greece: An Example of a Natura 2000 Site in Mt Parnitha National Park. ECCB, Prague.
41. PARASKEVA-HADJICHAMBI D., KORFIATIS K., HADJICHAMBIS A. CH and M. **ARIANOUTSOU** 2010. Charismatic threatened plant Vs road development: Value driven decision-making through computer-based, scaffolded learning activities. In: Book of Proceedings of the 8th Conference for the Didactics of Biology, ERIDOB, Minho, Portugal.
42. **ARIANOUTSOU M.**, CHRISTOPOULOU A., TOUNTAS, TH., GANOU E., KAZANIS D., BAZOS I., and I. KOKKORIS 2010. Effects of fire on high altitude coniferous forests of Greece. In: D.X. Viegas (Ed). Book of Proceedings of the VIth International Conference on Forest Fire Research, Coimbra, Portugal.
43. SARRIS D., CHRISTODOULAKIS D., KÖRNER CH., CHRISTOPOULOU A., **ARIANOUTSOU M.**, 2011. Recent growth reduction in *Pinus halepensis* and *Pinus nigra* forests associated with drought intensification in the eastern Mediterranean. Medpine4. 4th International Conference on Mediterranean Pines. Book of Abstracts, p. 24.
44. CHRISTOPOULOU A., KAZANIS D., ANDRIOPOULOS P., BAZOS I., KOKKORIS Y., **ARIANOUTSOU M.**, 2011. Resilience of *Pinus nigra* forest ecosystems to fire: the case of Mt Taygetos, Greece. Medpine4. 4th International Conference on Mediterranean Pine, Book of Abstracts, p. 140.
45. GALANIDIS A., DIMITRAKOPOULOS P.G., **ARIANOUTSOU M.**, BRUNDU G. 2014. Alien flora of Natura 2000 sites in Greece: species richness and habitat characteristics. 4th International Symposium on Weeds and Invasive Plants, Montpellier, France.
46. GALANIDIS A., DIMITRAKOPOULOS P.G., **ARIANOUTSOU M.**, BRUNDU G. 2014. Priority Invasive Alien Plants in Natura 2000 sites in Greece. 8th European Conference on Biological Invasions (NEOBIOTA), Antalya, Turkey.
47. SARRIS D., KOUTSIAS N., CHRISTOPOULOU A., ANGELONIDI E., FULÉ P.Z., **ARIANOUTSOU M.**, 2014. Ecological and climatic drivers for the fire regime in the Mediterranean under climatic change. International Conference ADAPTtoCLIMATE. Filoxenia Conference Centre. Nicosia, Cyprus. 27 – 28 March, 2014, DOI:10.13140/2.1.3389.0248
48. **ARIANOUTSOU M.**, BAZOS I., CHRISTOPOULOU A., DELIPETROU P., KOKKORIS Y., ZERVOU S., ZIKOS A., TSIAMIS K., CARDOSO A.C., GERVASINI E., 2016. How many alien plants in the European terrestrial environments? In: Ries C. & Y. Krippel (2016) (eds). Biological Invasions: Interactions with Environmental Change. Book of abstracts. NEOBIOTA 2016 - 9th International Conference on Biological Invasions. Vianden, Luxembourg, 14-16 September 2016. Fondation faune-flore, Luxembourg. 256 pp. ISBN 978-99959-0-255-1. Page 206.
49. FARANGITAKIS G-P, CHRISTOPOULOU A., VASSILAKIS E., PAPANIKOLAOU I., **ARIANOUTSOU M.**, 2017. Do landscape properties affect the process of post-fire vegetation recovery? A case study from the Taygetos Mountain, Greece. XIV MEDECOS & XIII AEET meeting. Human driven scenarios for evolutionary and ecological changes. Abstract book, page 114, DOI:10.7818/MEDECOS and AEET Congress.
50. VASSILAKIS E., MALLINIS G., CHRISTOPOULOU A., FARANGITAKIS G.P., PAPANIKOLAOU I., **ARIANOUTSOU M.**, 2017. Mapping Post-Fire Vegetation Recovery at Different Lithologies of Taygetos Mt (Greece) With Multi-Temporal Remote Sensing Data. In: EGU2017-7452. Vol. 19. Vienna, Austria.
51. CHRYSAFIS I., CHRISTOPOULOU A., KAZANIS D., FARANGITAKIS G-P, MALLINIS G., MITSOPOULOS I., **ARIANOUTSOU M.**, VASSILAKIS E., ANTONIOU V., THEOFANOUS N., LEKKAS E., 2018. Post-fire vegetation recovery mapping using multi-temporal Sentinel-2A imagery in Chios island, Greece. Geophysical Research Abstracts Vol. 20, EGU2018-7066, 2018, EGU General Assembly.

52. VASSILAKIS E., FARANGITAKIS G-P, CHRISTOPOULOU A., ANTONIOU V., **ARIANOUTSOU M.**, 2019. Assessment of different methods for the quantification of soil erosion risk after fire: a case study from Geraneia Mt., central Greece. Geophysical Research Abstracts Vol. 21, EGU2019-7561, 2019, EGU General Assembly.

Editions

1. MARGARIS N.S., **ARIANOUTSOU-FARAGGITAKI M.** and R.J. REITER (Eds). 1983. Adaptations to Terrestrial Environments, Plenum Press, New York and London, 247 p.
2. MARGARIS N.S., **ARIANOUTSOU-FARAGGITAKI M.** and W.C. OECHEL (Eds). 1984. Being Alive on Land. Dr. W. Junk Publishers, The Netherlands, 300 p.
3. KOUKOURAS A., **ARIANOUTSOU M.** and P.A. GERAKIS 1986. English-Greek Dictionary of Ecological and Related terms (with definitions). Gartaganis Publishers, Thessaloniki, 109 p.
4. **ARIANOUTSOU M.** and R.H. GROVES (Eds), 1994. Plant-Animal Interactions in Mediterranean Type Ecosystems. Kluwer Academic Publishers, 182 p.
5. **ARIANOUTSOU M.** & G. FARANGITAKIS 1996. Environmental Education in the Terrestrial Ecosystems of Greece, Ministry of the Environment. 78p.
6. **ARIANOUTSOU M.** and V.P. PAPANASTASIS (Eds) 2004. Ecology, Conservation and Management of Mediterranean Climate Ecosystems. Millpress. Rotterdam 194p + cd-rom.
7. XANTHOPOULOS, G. & **M. ARIANOUTSOU** 2007. Restoration of burned areas. Ministry of the Rural Development, 219 p. (in greek)
8. R. PRIMACK, J. DIAMANTOPOULOS, **M. ARIANOUTSOU**, D. DANIELIDES, S. VALAKOS, P PAFILIS, J.D. PANTIS. 2009. Biodiversity Conservation, aei publ., 470p. (in greek).
9. MOREIRA, F., **ARIANOUTSOU, M.**, CORONA P., DE LAS HERAS J., 2012. Post-Fire Management and Restoration of Southern European Forests. Moreira, F., Arianoutsou, M., Corona, P., De las Heras, J. (Eds.), Managing Forest Ecosystems 24, DOI 10.1007/978-94-007-2208-8-7, Springer, 329p.
10. R.B. PRIMACK, **ΑΡΙΑΝΟΥΤΣΟΥ Μ.** & ΔΗΜΗΤΡΑΚΟΠΟΥΛΟΣ Π.Γ. 2017. (Επιμ. έκδοσης). Βιολογία της Διατήρησης - Μια εισαγωγή. University Studio Press, Θεσσαλονίκη.
11. **ΑΡΙΑΝΟΥΤΣΟΥ Μ.**, ΔΗΜΗΤΡΑΚΟΠΟΥΛΟΣ Π., ΠΑΡΜΑΚΕΛΗΣ Α., ΣΦΕΝΔΟΥΡΑΚΗΣ Σ., ΤΡΙΑΝΤΗΣ Κ. 2020. (Επιμ. έκδοσης). ΟΙΚΟΛΟΓΙΑ. Η Οικονομία της Φύσης. Broken Hill, Cyprus.

Other Publications

- Lekkas E., Spyrou N-I., Filis Ch., Diakakis M., Vassilakis E., Katsetsiadou A-N., Milios D., **Arianoutsou M.**, Farangitakis G.P., Christopoulou A., Antoniou V., 2019. The November 25, 2019 Kineta (Western Attica) Flood. Newsletter of Environmental, Disaster and Crises Management Strategies, 14, ISSN 2653-9454.
- Zenetos A., **Arianoutsou M.**, Bazos I., Christopoulou A., Kokkoris Y., Zervou S., Zikos A., Jenna Wong L., Pagad S. 2018. Global Register of Introduced and Invasive Species- Greece. Invasive Species Specialist Group ISSG. Checklist dataset <https://doi.org/10.15468/td6afd> accessed via GBIF.org on 2019-09-04.