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Studies

Bachelor Degree in Biology from the National and Kapodistrian University of Athens (1975)

Ph.D, Aristotelian University of Thessaloniki (1980)

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

Positions

April 1980 - September 1984	Lecturer, Department of Ecology, Faculty of Biology, Aristotelian University of Thessaloniki
Sept. 1984 -August 1991	Assistant Professor, Department of Ecology, Faculty of Biology, Aristotelian University of Thessaloniki
Sept. 1991 – October 2000	Assistant Professor, Department of Ecology and Systematics, Faculty of Biology, National and Kapodistrian University of Athens
October 2000 - February 2011	Associate Professor, Department of Ecology and Systematics, Faculty of Biology, National and Kapodistrian University of Athens
February 2011 - current	Full Professor, Department of Ecology and Systematics, Faculty of Biology, National and Kapodistrian University of Athens

Teaching

Undergraduate courses: General Ecology, Population Ecology, Terrestrial Ecosystems of Greece

Postgraduate courses: Ecological Systems, Management of natural disasters (fire), Ecology and environmental education

RESEARCH INTERESTS

- Structure and function of Mediterranean ecosystems
- Effects of fire on ecological processes
- Structural and functional diversity
- Biological Invasions
- Ecosystems' dynamics
- Management of terrestrial ecosystems
- Landscape ecology
- Ecological modeling

RESEARCH PROJECTS (Participation / Coordination)

1. Harvesting before fire. Costs and benefits (1982-1985), EEC (**senior researcher**).
2. Effects of fire on Mediterranean-type Ecosystems with special reference to adaptive strategies and diversity of plant and animal species (1983-85), EEC (**senior researcher**).
3. Decomposition processes in evergreen sclerophyllous ecosystems of Greece (1982-1984), NATO-SRG, (**Coordinator**).
4. Desertification processes to Greece (1984-1986), EEC (**senior researcher**).
5. Air pollution effects on Attica's natural ecosystems (1984-1985), Ministry of the Environment (**senior researcher**).
6. Structure of Mediterranean evergreen sclerophyllous ecosystems of Greece; management prospects (1986-1989), General Secretariat of Research, (**Coordinator**).
7. Formation of a Data Bank for the natural Environment of Greece (1989-1993), EEC (**senior researcher**).

8. Drought effects on vegetation and soil degradation in Mediterranean countries (1990 -1993), EEC, DG XII, (**senior researcher**).
9. The post-fire legume flora and its role in the recovery of Mediterranean ecosystems after fire (1993-1995), General Secretariat of Research, (**Coordinator**).
10. Management techniques for optimization of suppression and minimization of wildfire effects "PROMETHEUS", EU, DG XII, ENVIRONMENT, EV5V-CT94-0482 (1994-1996), (**partner**).
11. Modelling vegetation dynamics and degradation in Mediterranean ecosystems, "MODMED", EU, DG XII, ENVIRONMENT, EV5V-CT94-0489, (1994-1996), (**partner**).
12. Effects of fire on natural Mediterranean ecosystems – Bilateral agreement Greece and Spain (1994-1996), General Secretariat of Research, (**Coordinator**).
13. Modelling vegetation dynamics and degradation in Mediterranean ecosystems, "MODMED", EU, DG XII, ENVIRONMENT, ENV4-CT95-0139, (1996-1997), (**partner**).
14. Risk assessment for desertification after fire (1996-1998), General Secretariat of Research, (**Coordinator**).
15. 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**).
16. Land Use Change Interactions with Fire in Mediterranean Landscapes, "LUCIFER", EU, DG XII, ENVIRONMENT & CLIMATE, ENV4-CT96-0320, (1996-2000), (**partner**).
17. Modelling Mediterranean Ecosystems Dynamics, ModMED, EU, DG XII, ENVIRONMENT & CLIMATE, ENV4-CT97-0680, 1998-2001, (**partner**).
18. PROMETHEUS system validation, 'PROMETHEUS S.V.', EU, DG XII, ENVIR. & CLIMATE, ENV4-CT98-0716, 1998 – 2000, (**partner**).
19. Definition and creation of a common knowledge base for Forest Fires (DELFI), Concerted Action, EU, DG XII, 1999, (**Expert**).
20. The role of mycorrhizas in the Mediterranean plant communities of Greece, Joint Research Programme Greece and Scotland, 1999-2000, (**Coordinator**).
21. PROMETHEUS system validation, 'PROMETHEUS S.V.', EU, DG XII, ENVIR. & CLIMATE, ENV4-CT98-0716, 1998 – 2000, (**partner**)
22. Forest Fire Spread Prevention and Mitigation (SPREAD), EU, Energy, Environment and Sustainable Development, EVG1-2001-00027, 2002 – 2005, (**partner**)
23. EUFIRELAB, a wallless laboratory, EU, Energy, Environment and Sustainable Development, EVR1-CT-2002-40028, 2002 – 2006, (**partner responsible for the Module: "fire effects"**)
<http://www.eufirelab.org/>
24. PHOENIX. The European Forest Institute (EFI) Project, (2005-2009), (**Partner, Management Committee**) <http://www.phoenix-efi.org/>
25. 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/>
26. Spatial patterns of post-fire recovery of *Pinus halepensis* forests, Ministry of Education, 2005-2006, (**Coordination**)
27. Ecology and conservation of the Greek endemic fir *Abies cephalonica*, in the National Parks of Mt Parnis and Mt. Ainos, 2004-2008, General Secretariat for Research (**Coordinator**)
28. Phoenix Project Center, <http://www.phoenixefi.org/>, European Forest Institute (EFI), 2005-2012 (**Steering committee**)
29. Post-fire effects and management in Southern Europe, FP0701, COST Action, 2009-2013, (**Vice Chair**), <http://ueaco.biol.uoa.gr/cost/>
30. 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 agreement number: 243888, 2010-2014, (**Partner, Steering Committee**)
31. European Information System for Alien Species, COST Action TD 1209, 2013-2017, (**Management committee**)

PUBLICATIONS

Publications in scientific journals

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.**, ESSL F., HEJDA M. JAROSIK V., PERGL J., WINTER M., ANASTASIU P., ANDRIOPOULOS P., BAZOS I., BRUNDU G., CELESTI-GRAPOW L., CHASSOT P., DELIPETROU, P., JOSSEFSON., M., KARK, S., KLOTZ, S., KOKKORIS, Y., KUHN, I., MARCAHNTE, H., PERGLOVA, I., PINO,, J., VILÀ, M., ZIKOS, A., ROY, D. and P.H. HULME. 2008. Alien flora of Europe: species diversity, temporal trends, geographical patterns and research, *Preslia*, 80, 101-149.
35. PAULA S., **ARIANOUTSOU**, M., KAZANIS, D., TAVSANOGLU, Ç., LLORET, F., BUHK, C., OJEDA, F., LUNA, B., MORENO, J.M., RODRIGO, A., ESPELTA, J.M., PALACIO, S., FERNANDEZ-SANTOS, B., FERNANDES, P.M. and J.G. PAUSAS 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.**, BASNOU, C., DELIPETROU P., DIDZIULIS V., HEJDA M., HULME P.E., LAMBDON P., PERGL J., PYŠEK P., ROY, D.B. and I. KÜHN 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., A. 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.**, CORONA P., DE LAS HERAS J., FERNANDES P., MOREIRA F., PAPAGEORGIU K., VALLEJO R., and G. XANTHOPOULOS 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., DELIPEIROU P. and Y. KOKKORIS 2010. The alien flora of Greece: taxonomy, life traits and habitat preferences. *Biological Invasions*, 12, 3525–3549
44. **ARIANOUTSOU M.**, DELIPEIROU 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.**, BACHER S., CHIRON F., DIDŽIULIS, V., ESSL, F., GENOVESI, P., GHERARDI, F., HEJDA, M., SALIT KARK, S., LAMBDON P.W., DESPREZ-LOUSTAU M-L., NENTWIG W., PERGL J., POBOLJŠA K., RABITSCH W., ROQUES A., ROY, D.B., SHIRLEY S., SOLARZ W., VILÀ M. and M. WINTER 2010. Disentangling the role of environmental and human pressures on biological invasions. *Proceedings of Natural Academy of Sciences USA (PNAS)*, 107(27), 12157-12162, /DCSupplemental.
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., & 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.**, CURT T., KOUTSIAS N., RIGOLOT E., BARBATI A., CORONA P., VAZ P., XANTHOPOULOS G., MOUILLOT F., BILGILI E., 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.**, BAKAR B.B., BARET S., CELESTI-GRAPOW L., DITOMASO J.M., DUFOUR-DROR J.-M., KUEFFER C., KULL C.A., HOFFMANN J.H., IMPSON F.A.C., LOOPE L.L., MARCHANTE E., MARCHANTE H., MOORE J.L., MURPHY D.J., TASSIN J., WITT A., ZENNI R.D. AND RICHARDSON D.M., 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., 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. & **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. & **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., PLENIYOU M., MALLINIS G. & **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. & **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.** & 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. **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.**, DELIPETROU P., VILA M., DIMITRAKOPOULOS P., CELESTI-GRAPOW L., WARDELL-JOHNSON G., HENDERSON L., FUENTES N., E. UGARTE-MENDES, RUNDEL P.W. 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
63. CHRISTOPOULOU A., FYLLAS N.M., ANDRIOPOULOS P., KOUTSIAS N., DIMITRAKOPOULOS P.G., **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., **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., **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., et ... **ARIANOUTSOU, M.**, 2015. European Alien Species Information Network (EASIN): supporting European policies and scientific research. *Management of Biological Invasions*, 6(2): 185-196.
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.

Publications in 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 Cmpany, 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),

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