

## **Δρ Μαργαρίτα Αριανούτσου - Φαραγγιτάκη**

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### Σπουδές

Πτυχίο Βιολογίας, Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών (1975)  
Διδακτορική Διατριβή, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης, (1980)  
Post-docs: UCLA, Stanford University, (USA) και University of Queensland (Australia) (1987)

### **Σύντομη περιγραφή**

**Η Μαργαρίτα Αριανούτσου** διετέλεσε Καθηγήτρια Οικολογίας στο Τμήμα Βιολογίας του ΕΚΠΑ και από τον Σεπτέμβριο του 2021 είναι Ομότιμη Καθηγήτρια στο ίδιο Τμήμα. Έχει σημαντική εμπειρία στην μελέτη της οικολογίας και διαχείρισης των Μεσογειακών οικοσυστημάτων, με την οποία ασχολείται για πλέον των 35 ετών. Έχει εκλεγεί 2 φορές ως Γραμματέας της Διεθνούς Επιστημονικής Ένωσης Μεσογειακής Οικολογίας [International Society of Mediterranean Ecologists (*ISOMED*)] τα διαστήματα 1987-1991 και 2000 - 2004. Διετέλεσε μέλος της Εθνικής Επιτροπής για την αντιμετώπιση της ερημοποίησης (Implementation of *UN Convention to Combat Desertification*). Είναι μέλος της Επιστημονικής Επιτροπής για την Κλιματική αλλαγή του Υπουργείου Περιβάλλοντος και Ενέργειας και μέλος της Επιστημονικής Επιτροπής που όρισε η Ακαδημία Αθηνών για την μελέτη των επιπτώσεων της κλιματικής αλλαγής στα δασικά οικοσυστήματα της χώρας (ΕΑΔΟ) καθώς και της Επιστημονικής Επιτροπής της Τράπεζας της Ελλάδας για την μελέτη της κλιματικής αλλαγής (ΕΜΕΚΑ). Το διάστημα 2002-2005 διετέλεσε Γραμματέας του Φορέα Διαχείρισης του Εθνικού Δρυμού Πάρνηθας. Είναι Associate Editor του επιστημονικού περιοδικού *Bioinvasions Record*, καθώς και του επιστημονικού περιοδικού *Forests*. Έχει συμμετάσχει σε περισσότερα από 70 διεθνή συνέδρια. Έχει δημοσιεύσει περισσότερα από 100 επιστημονικά άρθρα και έχει εκδώσει 5 βιβλία στους εκδοτικούς οίκους (Dr Junk) Kluwer, Plenum Press, Millpress και Springer. Έχει μεταφράσει στην ελληνική γλώσσα 2 εκπαιδευτικά βιβλία για φοιτητές. Ίδρυσε και διηύθυνε το Πρόγραμμα Μεταπτυχιακών Σπουδών Οικολογία και Διαχείριση της Βιοποικιλότητας στο ΕΚΠΑ επί εξαετία. Έχει επιβλέψει 10 Διδακτορικές Διατριβές, 10 διατριβές Masters και περισσότερες από 40 προπτυχιακές διπλωματικές εργασίες. Επί πλέον εμπλέκεται ενεργά στην Περιβαλλοντική Εκπαίδευση των μαθητών και Ευαισθητοποίηση των πολιτών, έχοντας εκδώσει και σχετικό βιβλίο.

### **Ερευνητικά ενδιαφέροντα**

Δομή, δυναμική και διαχείριση μεσογειακών οικοσυστημάτων  
Δασικές πυρκαγιές  
Βιολογικές εισβολές  
Βιολογία Διατήρησης  
Κλιματική αλλαγή  
Περιβαλλοντική Εκπαίδευση και ενημέρωση

### **Ερευνητικά Προγράμματα (επιλογή)**

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. Modeling 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),
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. MEDiteranean 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), 2014-2018, also 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. Increasing understanding of alien species through citizen science, COST Action CA17122, (2017-2021).
37. LIFE-IP AdaptInGR - Boosting the implementation of adaptation policy across Greece, LIFE17 IPC/GR/000006, (2020-2023), Ministry of Environment and Energy, (subcontractor to Academy of Athens, responsible for Biodiversity and Natural ecosystems).
38. Formation of the national list of Invasive Alien Species and methodology for their risk assessment, Ministry of Environment and Energy, 2021-2022 (Coordinator).
39. NERO - european Network on Extreme fire behaviOr, COST Action CA22164 (2023-2026).
40. Εντοπισμός θερμών σημείων τρωτότητας και διατήρησης των υπερροεινών μεσογειακών πευκοδασών της Ελλάδας: ανάπτυξη εθνικού σχεδίου πολιτικής για την προσαρμογή τους στην κλιματική αλλαγή, ΠΡΑΣΙΝΟ ΤΑΜΕΙΟ, Ακαδημία Αθηνών, (2023-2025).

#### **Δημοσιεύσεις σε επιστημονικά περιοδικά (επιλογή)**

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.**, Díaz-Delgado R., Duguay 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, *Boccone*, 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. and 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*, 58, 137–149. DOI: 10.1560/IJEE.58.2-3.137.
58. Ne'eman G., Lev-Yadun S. and Arianoutsou M., 2012. Fire-related traits in Mediterranean basin plants. *Israel Journal of Ecology & Evolution*, 58, 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*, 58, 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.
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