

Curriculum Vitae

DIMITRIOS KAZANIS

APRIL 2021

POSITION	Laboratory Lecturer, Department of Ecology and Systematics, School of Biology, National and Kapodistrian University of Athens (NKUA, 2014 – present)
HIGHER EDUCATION	MsC in Biology, NKUA (1994) PhD of Biology, NKUA (2005)
FOREIGN LANGUAGES	English (Cambridge Proficiency) French (Certificat de Francais)

RESEARCH SUBJECTS/INTERESTS

- Long-term vegetation ecology and dynamics in relation to fire
- Species-area and species-environment relationships
- Global change effect on ecosystem resilience to fire
- Vegetation history
- Geophyte species ecology

MEMBER OF SCIENTIFIC SOCIETIES

- Hellenic Botanical Society
- Hellenic Ecological Society
- International Association of Vegetation Science

PUBLICATIONS

A. MONOGRAPHS

Kazanis, D. 2005. Postfire succession of *Pinus halepensis* Mill. forests: vegetation dynamics patterns. PhD Thesis, NKUA, 350p (in Greek with an English summary).

B. PUBLICATIONS IN INTERNATIONAL JOURNALS

1. **Kazanis, D.** and M. Arianoutsou, 1996. Vegetation structure in a post-fire successional gradient of *Pinus halepensis* Forests of Attica. Int. J. of Wildland Fire 6(2): 83-91.
2. **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.

3. Arianoutsou M., **D. Kazanis** and V. Varela 2007. Mapping the post-fire resilience of mediterranean pine forests: the case of Sounion National Park, Greece. *Options Mediterraneennes*, 75: 25-33
4. **Kazanis D.**, T. Gimeno, J. Pausas. R. Vallejo and M. Arianoutsou 2007. Characterization of fire vulnerable *Pinus halepensis* ecosystems in Spain and Greece. *Options Mediterraneennes*, 75: 131-143.
5. Paula S., Arianoutsou, M., **Kazanis, D.**, Tavsanoglu, Ç., Lloret, F., Buhk, C., Ohefa, 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.
6. 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.
7. 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.
8. Poirazidis 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.
9. **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.
10. Christopoulou A., **Kazanis D.**, Fyllas N. & Arianoutsou M. 2018. Post-fire recovery of *Abies cephalonica* forest communitiesQ the case of Mt Parnitha National Park, Attica, Greece. *iForest – Biogeosciences and Foresrty*, 11(6): 757-764.
11. Sarika M, Christopoulou A., Zikos A., **Kazanis D.** & Bazos I., 2020. Plant communities and habitat types in the protected area of lake Pamvotis (Epirus, Northwestern Greece). *Mediterranean Botany*, 41(2): 129-148.

C. PUBLICATIONS IN BOOKS

1. Retana J., Arnán 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, Springer, 329p.
2. M. Arianoutsou-Farangiataki, **D. Kazanis**. 2012. The ecological role of fire at the terrestrial ecosystems of Greece. In: A.Ch. Papageorghiou, G. Karetsos, G. Katsadorakis (Eds.), *The Forest: An Holistic Approach*, WWF-Hellas, Athens (In Greek). Ο οικολογικός ρόλος της φωτιάς στα χερσαία οικοσυστήματα της Ελλάδας,
3. **Kazanis D.**, 2007. The ecosystems of Mt Ymittos, In : A. Economou (Ed.) *The Biocosmos of Mt Ymittos*, Botanical Museum of NKUA.
4. **Kazanis D.**, 2010. The ecosystems and the protected areas of Mt Parnassos, In : A. Economou (Ed.) *The Biodiversity of Mt Parnassos*, Botanical Museum of NKUA.

D. PUBLICATIONS IN BOOKS OF PROCEEDINGS OF INTERNATIONAL CONFERENCES AND CONGRESSES

1. **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.
2. Arianoutsou M., **D. Kazanis**, C. Radea and S. Papavassiliou 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.
3. 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.
4. **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.
5. **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.
6. **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.
7. **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.
8. **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.
9. 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, due date Nov. 2010, Coimbra, Portugal, electronic edition.

E. PUBLICATIONS IN BOOK OF ABSTRACTS OF INTERNATIONAL CONFERENCES AND CONGRESSES

1. Arianoutsou, M., **D. Kazanis** and V. Varela. 2000. Ecological indicators of land degradation due to frequent fires: the case of Penteli Mt., Attica, Greece. Book of Abstracts, MEDECOS 2000, Stellenbosch, South Africa, p 2.
2. **Kazanis D.**, Andriopoulos P. and M. Arianoutsou 2006. Heterogeneity in vegetation composition during the first post-fire year of a burned *Pinus halepensis* forest. 4o Botanical Balkan Congress, 20 - 26 June, Sofia, p 223.
3. **Kazanis D.** and M. Arianoutsou 2007. Early post-fire establishment of annual plant species in relation to fire regime: a functional group approach. L. Conti (Ed), In: Book of Abstracts of the International Workshop: Origin and Evolution of Biota in Mediterranean Climate Zones. An Integrative Vision, Zurich, Switzerland, p. 24.
4. Arianoutsou M. and **D. Kazanis** 2008. Lessons learned from large fires in Greece. Fire effects and post-fire restoration: lessons learned from large fires PHOENIX Workshop, Lisbon, 7-8 July 2008.
5. **Kazanis D.** 2008. Application of a species-area sampling protocol to approach functional group-environment relationships in recently burned Mediterranean plant communities. Book of Abstracts of the 7th Workshop on Vegetation Databases, 5-7 March 2008, Oldenburg University, p. 6.
6. Arianoutsou M., Christopoulou, A., Ganou, E., Kokkoris Y. and **D. Kazanis** 2009. Post- fire response of the Greek endemic *Abies cephalonica* forests in Greece: the example of a Natura 2000 site in Mt Parnitha National Park. 2nd European Congress of Conservation Biology, Conservation biology and beyond: from science to practice". September 1-5, Czech University of Life Sciences, Prague, p. 52.
7. **Kazanis D.** 2009. The impact of electricity transport infrastructure across an heterogeneous Mediterranean landscape on geophytes richness and abundance. 2nd European Congress of Conservation Biology, Conservation biology and beyond: from science to practice". September 1-5, Czech University of Life Sciences, Prague, p. 133.
8. **Kazanis D.** and M. Arianoutsou 2009. Lessons learned from large fires in Greece: focusing on the soil subsystem. FESP II International Meeting of Fire Effects on Soil Properties, Marmaris, 11-15 February, p. 11.
9. **Kazanis D.**, Gimeno T., Pausas J.G., Vallejo R. and M. Arianoutsou 2009. Assessing the effect of reduced fire interval on *Pinus halepensis* Mill. communities: a comparative study from Spain and Greece, 52nd International Symposium of International Association for Vegetation Science, May 30-4th June, Chania, Crete, p. 73.
10. **Kazanis D.**, Tavşanoğlu, C, Behzat Gürkan B. and M. Arianoutsou 2009. Woody vegetation patterns along non-calcareous post-fire chronosequences of Mediterranean-climate pine forests in Greece and Turkey: a functional group approach. 52nd International Symposium of International Association for Vegetation Science, May 30-4th June, Chania, Crete, p. 74.
11. **Kazanis D.** 2010. Re-sampling plots across Attica region (central Greece) in order to evaluate the effects of meteorological fluctuations on species diversity and performance. Book of Abstracts of the 9th International Meeting on Vegetation Databases, 24-26 February 2010, University of Hamburg, p. 69.
12. Poirazidis, K., Kalivas, D., Zografou, K., Kordopatis, P., Arianoutsou, M., **Kazanis, D.**, and E. Korakaki 2010. Combining multicriteria evaluation and

- geostatistics to predict post-fire regeneration of *Pinus halepensis* at a regional scale. In: Book of Proceedings of the International Landscape Ecology Conference: 'Forest Landscapes and global change. New Frontiers in Management, Conservation and Restoration', due date Sept. 2010, Bragança, Portugal.
13. Tavşanoğlu c., Arianoutsou, M. and **D. Kazanis** 2010. Potential risks for high altitude Mediterranean forests due to climate change: the case of fire across *Pinus nigra* forests in Turkey and Greece. EFIMED Progress Meeting and Scientific Seminar on "Knowledge base management of Mediterranean forests under climate driven risks: the ways ahead". Antalya, 13-16 April 2010, p. 42.
 14. 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. In: Rigolot E. (ed.), Book of Abstracts, 4th International Conference on Mediterranean Pines (MedPine 4), June 6-10, 2011, Avignon, France, p140.
 15. **Kazanis D.**, Pausas J.G., Vallejo R.R., Arianoutsou M. 2011. Fire related traits of *Pinus nigra* plant communities in the Mediterranean: a database for Greece and Spain. In: Rigolot E. (ed.), Book of Abstracts, 4th International Conference on Mediterranean Pines (MedPine 4), June 6-10, 2011, Avignon, France, p118.
 16. Poirazidis K., Zografou K., Kordopatis P., Kalivas D., Arianoutsou M., **Kazanis D.**, Korakaki E. 2011. Combining multicriteria evaluation and geostatistics to predict post-fire regeneration of *Pinus halepensis* at a regional scale – a rapid assesement and decision making tool. In: Rigolot E. (ed.), Book of Abstracts, 4th International Conference on Mediterranean Pines (MedPine 4), June 6-10, 2011, Avignon, France, p35.
 17. **Kazanis D.**, Kiourtsoglou A. & Arianoutsou M. 2017. Vegetation resampling along a postfire chronosequence, 20 years after: evaluating the response of *Pinus halepensis* communities to different fire regimes in Central Greece. In: Book of Abstracts, XIV MEDECOS Conference, 31/1 – 4/2/2017, Seville, Spain, p179.
 18. **Kazanis D.** 2019. Pines and mines. Shaping the landscape of Sounion National Park sinc the antiquity. In: Book of Abstracts, 10th IALE World Congress, July 1-5, 2019, Milan, Italy, p577.

PARTICIPATION IN NATIONAL SCIENTIFIC PROJECTS

1. Legume post-fire flora and its role in the post-fire regeneration of Mediterranean-climate ecosystems. 1993-1995
2. Evaluating the risk of desertification of Mediterranean-climate ecosystems as a result of repeated fire events. 1996-1998
3. Evaluating the biodiversity conservation status in Sounion National Park. 2003-2004
4. Post-fire spatial regeneration patterns of Aleppo pine forests. 2004-2006
5. Post-fire restoration of the Peloponnesian burned forests and actions for the conservation of the unburned forest stands. WWF Hellas, 2009-2010

PARTICIPATION IN INTERNATIONAL SCIENTIFIC PROJECTS

1. Modeling vegetation dynamics and degradation in Mediterranean-climate ecosystems, (MODMED I, II & III), ENVIRONMENT, EU. 1994-2001
2. Management techniques for optimization of suppression and minimization of wildfire effects, (PROMETHEUS), ENVIRONMENT, EU. 1994-1996
3. 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 system approach, (ERMES II), EU. 1996-1998
4. PROMETHEUS system validation, ENV4-CT98-D716 (1998-2000), EU-DG XII, ENVIRONMENT, EU. 1998-2000
5. Land Use Change Interactions with Fire in Mediterranean Landscapes, (LUCIFER), EU. 1996-2000
6. Forest Fire Spread Prevention and Mitigation, (SPREAD), EU. 2002-2004
7. Post-fire effects and management in Southern Europe, (COST Action), 2009-2013
8. Forest Fires under climate, social and economic changes in Europe, the Mediterranean and other fire-affected areas of the world, (FUME), 2010-2014