

## CURRICULUM VITAE

### Dr. ARISTOTELIS MARTINIS

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#### Education

Ph.D. “Gestion Protection et Aménagement Touristique des Aires Protégées” – Faculté, Géographie et Aménagement du Territoire - Université Paul Valéry, Montp. III France, July 2001.

M.Sc “Gestion des Aires Protégées - Faculté, Géographie et Aménagement du Territoire - Université Paul Valéry, Montp. III France, 2001.

University Paul Valéry, Montp.III - Dept of Geography France, 1998.

Degree of Educational Sciences, Higher Pedagogical School, ASPAITE, 1983

Degree of Forestry and Management of Natural Resources, Technological Educational Institution of Larissa, 1977.

#### Languages

Greek: Native speaker

French: Excellent knowledge

English: Good knowledge

#### Professional objectives

- Assistant Professor, dept. of Environmental Technology – T.E.I. of Ionian Islands, 29100, Zakynthos, Greece.

- President in the Dept. of Environmental Technology (2009-2010)

- President in the Dept. of Conservation of Antiquities and Works of Art (2010 – 2011)

- Vice President of the Dept. Ecology and Environment (2008-2009)

- Vice President of the Dept. of Protection and Conservation of Cultural Heritage (2009-2010)

- Supervisor of the Environmental Management and Ecology sector (2008-2009).

#### Current research interests

a) Mediterranean Ecosystems

b) Sustainable Development

c) Spatial Planning

d) Environmental Policy

e) Environmental Education

f) Post fire ecology of Mediterranean plant species

#### Awards/Honors

Scholarship of the National State Scholarship Foundation for postgraduate studies in France (1997-2001)

#### Funded projects (as a faculty member of TEI of Ionian Islands)

Participation in 10 co-financed programs in the period between 2010-2018. Below is a short list of these projects.

- LIFE+Information and Communication (LIFE11INF/IT/253) «Safe refuges for wild birds: Changing social perceptions of illegal hunting in the northern Mediterranean to protect European biodiversity» (2014)

- ESPA 2007 - 2013, «Promotion Technological Institute of Ionian Islands as an International Pole of Education and Innovation». Subprojects: a) "Sustainable Tourism Development in Island Protected Areas" Organization and implementation of two Summer Schools, b) "Digital management of coastal and island fauna", c) "The impact of timeless land use changes on the landscape and on the sustainable development of the islands of Zakynthos, Kefalonia and Lefkada", d) "Promotion of Natural and Cultural Heritage of Ionian Islands"
- INTERREG Greece –Italy 2007 – 2013 "NAT-PRO", "Strategic plans for the protection, rehabilitation and ecotourism of Natura 2000 sites destroyed by natural disasters - fires"
- BIOLMED – Greece – Italy – Spain – Malta. "Explore new innovative technologies to reduce the environmental impact on the production of organic olive oil. 2007-2013".
- LIFE07 NAT/GR/000285, «Concrete conservation actions for the Mediterranean Shag and Audouin's Gull in Greece, including the inventory of relevant marine IBAs» (2009 – 2012).
- INTERREG GREECE – ITALY (2000-2006) "TRIANET", "Rete di Centri servizi per il turismo rurale integrato alternative (TRIANet)".
- FF 0506 EL02 "Emphasis on Forests"– EL 2005 – 2006.
- LEADER+: "Mapping and promotion of mountain paths Zakynthos" (2005-2006).

### **Teaching experience, since 2006 as faculty member at TEI of Ionian Islands**

Management and Rehabilitation of Terrestrial Ecosystems, Environmental Policy and Legislation, Sustainable Development, Environmental Education and Didactic, Principles of Environmental Sciences, Spatial Planning, Environmental Economy and Natural Resources.

### **Publications**

#### **A. Dissertations**

1. Ph.D. theses: "Gestion, protection et aménagement touristique des espaces montagnes - la cause du Parnasse, un mont parc national", July 2001, University of Paul Valéry – France
2. M.Sc. «Gestion, protection et aménagement du parc national des Monts Blancs de Crète», Paul Valéry, 1997, France.

#### **B. Publications in peer-review journals**

18. Aristotelis Martinis, Evgenia Chaideftou, Charikleia Minotou, Konstantinos Poirazidis, (2018). Spatial analysis of orchids diversity unveils hot-spots: The case of Zante Island, Greece. *Journal of Agricultural Informatics* (ISSN 2061-862X) 2018 Vol. 9, No. 1:26-40
17. Katerina Kabassi & Aristotelis Martinis (), Multi-Criteria Decision Making in the Evaluation of the Thematic Museums' Websites. *International Journal of Cultural and Digital Tourism*, has been accepted for publication in the next issue of the International Journal of Cultural and Digital Tourism, IJCDT, ISSN:2241-9705 (Online), 241-973X (Print).
16. K. Poirazidis, E. Chaideftou, A. Martinis, V. Bontzorlos, P. Galani, D. Kalivas (2018). Temporal shifts in floristic and avian diversity in Mediterranean pine forest ecosystems under different fire pressure: The island of Zakynthos as a case study, *Annals of Forest Research*, 61 (1).
15. Aristotelis Martinis, Katerina Kabassi, Constantina Dimitriadou & Georgios Karris (2017): Pupils' environmental awareness of natural protected areas: The case of Zakynthos Island, *Applied Environmental Education & Communication*, DOI: 10.1080/1533015X.2017.1366883, <https://doi.org/10.1080/1533015X.2017.1366883>
13. E Charou, M Stefouli, K Kabassi, A Martinis (2013), Mapping Burnt Forest Areas and Monitoring their Regeneration Using MERIS ImagesProcedia Technology, volume 8, 2013, pages 245-254 – Elsevier.
12. Charou E., M. Stefouli, S. Gyftakis K. Poirazidis, A. Martinis, Synergistic Use of Multimodal Data for Vegetation Status Monitoring, *Proceedings of Living Planet Symposium 2013*, September 9-13, 2013, Edinburgh, Scotland.
11. Martinis Aristotelis, (2012) "Proposals for a new policy of environmental protection, sensitisation and tourist development of the Parnassus national park" C EuroJournals Publishing, Inc. 2012, *European Journal of Social Sciences*, ISSN 1450-2267 Vol. 33 No 4 September, 2012, pp.608-

10. Martinis, A, Halvatzaras, D, Kabassi, K., 2011, Promotion of Eco-Tourism Using the Practice of Wikipedia: The Case Study of environmental and Cultural Paths of Zakynthos, In: Migliorini, Paola; Minotou, Charikleia; Lusic, Drazen; Hashem, Yousry and Martinis, Aristotelis (Eds.). International Conference on ORGANIC AGRICULTURE and AGRO-ECO TOURSIM in the Mediterranean, DIO. <http://www.agroecologia.net/tienda/catalogo-de-innovaciones-en-la-cadena-de-produccion-ecologica-Editoria>
9. Ehaliotis, A. Martinis, Ch. Minotou, (2011), Towards a paradigm for the convergence of production, marketing and environmental protection in the field of the organic olive oil production chain- Conclusions from the BIOLMED project, In: Migliorini, Paola; Minotou, Charikleia; Lusic, Drazen; Hashem, Yousry and Martinis, Aristotelis (Eds.). *International Conference on ORGANIC AGRICULTURE and AGRO-ECO TOURSIM in the Mediterranean*, DIO.
8. Γεώργιος Καρρής, Μπετίνα Κλάδη, Αριστοτέλης Μαρτίνης, Διονύσιος Τριαντάφυλλος, (2011, «Επισκευσιμότητα στο Κέντρο Περιβαλλοντικής Εκπαίδευσης Λιθακιάς Ζακύνθου. Ανίχνευση δυνατοτήτων ανάπτυξης σχολικού τουρισμού», Πέρσα Φώκαλη, Γιώτα Ξανθάκου (Επιστημονική Επιμέλεια) Διεργασίες σκέψης στο σχολείο και την κοινωνία, Τόμος Β', εκδόσεις Πεδίο (ISBN-SET 978-960-9405-88-1).
7. Konstantinos Poirazidis, Stefan Schindler, Vassiliki Kati, Aristotelis Martinis, Dionissios kalivas, Dimitris Kasimiadis, Thomas Wrbka, Aristotelis C. Papageorgiou, 2011. Conservation of biodiversity in managed forests: developing an adaptive decision support system. - In: Li C, Laforteza R, Chen J (eds). *Landscape Ecology in Forest Management and Conservation. Challenges and Solutions for Global Change*. Higher Education Press – Springer.
6. Αριστοτέλης Μαρτίνης, Αικατερίνη Καμπάση, (2010) «Η Χρήση των νέων τεχνολογιών στην Περιβαλλοντική Εκπαίδευση για την Αειφορία», Μαρία Καΐλα, Απόστολος Κατσίκης, Πέρσα Φώκιαλη, Αραβέλλα Ζαχαρίου (Επιστημονική Επιμέλεια), Τόμος: Εκπαίδευση για το περιβάλλον και την αειφόρο ανάπτυξη: νέα δεδομένα και νέοι προσανατολισμοί, εκδόσεις Ατραπός, σελ. 344 -369.
5. Charou, E., Kabassi, K., Martinis, A., Stefouli, M., (2010), Integration Multimedia GIS Technologies in a Recommendation System for Geotourism, Volume Editors: Tsihrintzis G.,Lakhmi C. I.c, Volume 3, 2010, Pages 63-74 Multimedia Services in Intel Environ, SIST 3 pp63-74, Springer – Verlag Berlin Heidelberg (ISSN: 21903018 ISBN: 978-364213395-4 Source Type: Book series).
4. Kabassi, K., Charou E. & Martinis A. (2008). Implementation Issues of a Knowledge-based Geographical Information System. Knowledge-Based Software Engineering, *Frontiers in Artificial Intelligence and Applications*, Volume Editors: Virvou M., Nakamura T., Volume 180, Issue 1, 2008, Pages 79-83 (ISSN: 09226389 ISBN: 978-158603900-4 Source Type: Book series)
3. Katerina Kabassi, Maria Virvou, Eleni Charou, Aristotelis Martinis, “Software life-cycle for an adaptive geographical information” SIGMAP 2008 - International Conference on Signal Processing and Multimedia Applications; Porto; Portugal; 26 July 2008 through 29 July 2008; Code 74005, pp 3-396 (ISBN:978-989811160-9)
2. Α. Μαρτίνης, Ε. Χάρου, Κ. Καμπάση και Μ. Στεφούλη, «Εντοπισμός αλλαγών εδαφοκάλυψης με χρήση δορυφορικών εικόνων» e-Περιοδικό Επιστήμης και Τεχνολογίας, e-journal of science & Technology (e-JST) Issue 1, Volume 3, Year 2008, pp. 41-52. (ISSN 17905613)
1. E. Xarou, M. Stefouli, A. Martinis, O. Mavratza, A. Marmarinos and K. Kabassi (2008) Remote sensing and GIS application in sustainable development: a case study of the island Zakynthos in Greece. *E-Journal of Science & Technology*, 3(2), pp. 1-7. (ISSN 17905613) (B1) Α. Μαρτίνης, «Ανάλυση των προτιμήσεων των επισκεπτών του όρους Παρνασσού» Γεωτεχνικά Επιστημονικά Θέματα, Σειρά II – Τόμος 16 Τεύχος 3/2005 σελ. 42 – 54.

### C. International Scientific conferences (with reviewers)

32. Martinis, Aristotelis; Chaideftou, Evgenia; Minotou, Charikleia; Poirazidis, Konstantinos, (2017). Spatial Analysis, Hot-Spots & Orchids Diversity in Zante Island. International Workshop / Edessa 8-11/10/2017
31. Poirazidis, Konstantinos; Lattas, Panagiotis; Kefalas, George; Lorilla, Roxanne-Suzette; Martinis, Aristotelis, (2017) Multi-Temporal Chance Analysis of Vegetation Cover Using Remote Sensing

Data as a tool to monitoring ecosystems and biodiversity integrity: the case of Iliia-Greece International Workshop / Edessa 8-11/10/2017

30. Minotou Ch., Martinis A. (2016) Organic agriculture and the challenge of a sustainable rural development (agrotourism, ecotourism, entrepreneurship). IFOAM Agrimediterraneo International Conference, September 10-12 Vignola, 13 SANA Bologna – Italy (Book of Abstracts).
29. Martinis A., Minotou Ch., Poirazidis, K., (2015), “Paths through the biodiversity: methodology of recording, monitoring and promoting its importance and uniqueness”, International Conference “Agroecology or Organic Agriculture in the Mediterranean, Vignola, Italy, 10-12/09/2015 (Book of Abstracts)
28. Minotou, Ch, Martinis, A, (2015) “Organic agriculture, Agroecology and the challenge of a sustainable rural development (agrotourism, ecotourism, entrepreneurship)”, International Conference “Agroecology or Organic Agriculture in the Mediterranean, Vignola, Italy, 11-12/09/2015
27. Aristotelis Martinis, Charikleia Minotou and Poirazidis Kostas, (2015), Alternative Tourism at Natura 2000 areas, as a Proposal for Ecological Restoration, Protection, Conservation, and Sustainable Development. The Case Study of Zakynthos and Strofades, IISA 2015 Proceedings, 6th International Conference on Information, Intelligence, Systems and Applications, Monday July 6 to Wednesday July 8, 2015, paper 120
26. Aristotelis Martinis, Sophia Mazi and Charikleia Minotou, (2015), Sustainable Development and Environmental Education in Natura 2000 areas. A Vision of the Mountain of Pantokratoras for Corfu and the Local Community IISA 2015 Proceedings, 6th International Conference on Information, Intelligence, Systems and Applications, Monday July 6 to Wednesday July 8, 2015, paper 119
25. Kefalas G. Roxanne S. Poirazidis K. Kalivas D. Martinis A. (2014), Assessing & Mapping the Risk of Desertification and its Dynamic change in the Ionian Islands, 10th International Congress of the Hellenic Geographical Society, 22,24 October, 2014.
24. Chaideftou, G. Kefalas, R. Lorilla, A. Martinis & K. Poirazidis (2013) “How the biodiversity is affected by varied fire intensity? A case study in a Mediterranean island (Zante, Greece) using plant and bird taxa, Open Landscapes Ecology, Management and Nature Conservation, 29th September – 3rd October 2013, Hildesheim, Germany.
23. Galionis D. Charou E. Stefouli M. Kabassi K. and Martinis A. (2013) Mapping burnt forest areas and monitoring their regeneration using MERIS images. 6th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA 2013), Volume 8, 2013, Pages 245–254.
22. Charou E., M. Stefouli, S. Gyftakis K. Poirazidis, A. Martinis, Synergistic Use of Multimodal Data for Vegetation Status Monitoring, Proceedings of Living Planet Symposium 2013, September 9-13, 2013, Edinburgh, Scotland (in press).
21. Eleni Charou, Marianthi Stefouli, Sergios Petridis, Konstantinos Poirazidis, Aristotelis Martinis, Georgia Alexandridi, Multitemporal Remote Sensing Data Analysis of Land Cover Changes of the Ionian Islands, Greece, First International Workshop on Temporal Analysis of Satellite Images Mykonos Island, Greece May 23-25, 2012
20. A. Martinis, D. Halvatzaras, K. Kabassi (2011) “Promotion of Eco-Tourism Using the Practice of Wikipedia: The Case-Study of Environmental and Cultural Paths in Zakynthos” In: Migliorini P., Minotou C., Lusic D., Hashem Y. & Martinis A. (Eds). Book of Abstract. International Conference of AgriBioMediterraneo, IFOAM: "Organic Agriculture and Agro-Eco Tourism in the Mediterranean", pp29. Zakynthos, Greece, 16-18 September 2011. (ISBN: 978-960-85961-7-1)
19. Karris G., Martinis A., Minotou Ch., Kokkali A. and Kapodistrias P. “Strofades islands, a unique ecosystem with cultural, ethical and environmental value. In: Migliorini P., Minotou C., Lusic D., Hashem Y. & Martinis A. (Eds). Book of Abstract. International Conference of AgriBioMediterraneo, IFOAM: "Organic Agriculture and Agro-Eco Tourism in the Mediterranean", pp35. Zakynthos, Greece, 16-18 September 2011. (ISBN: 978-960-85961-7-1)
18. Leonidas A. Papakonstantinidis, Aristotelis Martinis, “Rural Tourism: A win-win-win bargaining and ecological solution – Bayesian game theory, Case study: the mountainous paths of Zakynthos, as a project demonstration of the sensitization process. In: Migliorini P., Minotou

- C., Lusic D., Hashem Y. & Martinis A. (Eds). Book of Abstract. International Conference of AgriBioMediterraneo, IFOAM: "Organic Agriculture and Agro-Eco Tourism in the Mediterranean", pp32. Zakynthos, Greece, 16-18 September 2011. (ISBN: 978-960-85961-7-1)
17. Papaleloudis D., Martinis A., Analysis of local society trends concerning the development of the National Park of Oiti, In: Migliorini P., Minotou C., Lusic D., Hashem Y. & Martinis A. (Eds). Book of Abstract. International Conference of AgriBioMediterraneo, IFOAM: "Organic Agriculture and Agro-Eco Tourism in the Mediterranean", pp 41. Zakynthos, Greece, 16-18 September 2011. (ISBN: 978-960-85961-7-1)
  16. Kostas Poirazidis, Georgios Karris, Aristotelis Martinis, Birds in organic olive grove: the case from Zakynthos island, the results of the BIOLMED project. In: Migliorini P., Minotou C., Lusic D., Hashem Y. & Martinis A. (Eds). International Conference of AgriBioMediterraneo, IFOAM: "Organic Agriculture and Agro-Eco Tourism in the Mediterranean", pp 42-43. Zakynthos, Greece, 16-18 September 2011. (ISBN: 978-960-85961-7-1)
  15. Martinis A., Kabassi K., Koulougliotis D., Minotou Ch. "Empirical study for innovations in organic olive oil production chains in Greece: the results of the BIOLMED project In: Migliorini P., Minotou C., Lusic D., Hashem Y. & Martinis A. (Eds). International Conference of AgriBioMediterraneo, IFOAM: "Organic Agriculture and Agro-Eco Tourism in the Mediterranean", pp 21. Zakynthos, Greece, 16-18 September 2011. (ISBN: 978-960-85961-7-1)
  14. Sophia Mazi, Georgios Karris, Aristotelis Martinis "Determination of priorities for Education for Sustainable Development in the islands of Paxi-Antipaxi, project In: Migliorini P., Minotou C., Lusic D., Hashem Y. & Martinis A. (Eds). International Conference of AgriBioMediterraneo, IFOAM: "Organic Agriculture and Agro-Eco Tourism in the Mediterranean", pp 57. Zakynthos, Greece, 16-18 September 2011. (ISBN: 978-960-85961-7-1)
  13. C. Ehaliotis, A. Martinis, Ch. Minotou. Towards a paradigm for the convergence of production, marketing and environmental protection in the field of the organic olive oil production chain- Conclusions from the BIOLMED project. project In: Migliorini P., Minotou C., Lusic D., Hashem Y. & Martinis A. (Eds). International Conference of AgriBioMediterraneo, IFOAM: "Organic Agriculture and Agro-Eco Tourism in the Mediterranean", pp 23. Zakynthos, Greece, 16-18 September 2011. (ISBN: 978-960-85961-7-1)
  12. E. Charou, A. Marmarinos, M. Stefouli and A. Martinis (2010) " Alternative Tourism: A case study of Eco-Fflaner"» Association of American Geographers Annual Meeting Washington, Conference Proceedings (partially refereed) DC USA.
  11. Poirazidis K, Martinis A, Schindler St, Kordopatis P, Zografou K, Lattas P, (2010) : Effects of big forest fires on landscape fragmentation: The case of Peloponnesus (Greece), 2007. In: Carlos Azevedo, Manuel Feliciano, José Castro& Maria Alice Pinto (Eds). Book of abstracts of the IUFRO Landscape Ecology Working Group International Conference: Forest Landscapes and Global Change - New Frontiers in Management, Conservation and Restoration. Editors: João September 21 to 27, 2010 Bragança, Portugal, 57p.
  10. Martinis, Stefouli, Charou, Kabassi, "Multimedia GIS: A new tool for Geotourism", 5th Congress of Balkan Geophysical Society, Publication date: 10 May 2009, Organisations: BGS, EAGE
  9. A. Martinis, K. Kabassi, E. Skotti, G. Karris, Eleni Charou, (2009) Environmental Routes Setting Methodology: The Case of Corfu & Paxi Islands. International Conference on Tourism Development and Management, Kos Sept. 2009, pp 309-312
  8. Halvatzaras, Kabassi, Martinis, Skotti "Web-based platform for promoting eco-tourism", The case of Corfu & Paxi Islands» International Conference on Tourism Development and Management – Kos September
  7. Moschous Stamatis, Karris Georgios, Martinis Aristotelis, Poirazidis Kostas & Georgiadis M. Nicos «Insular Wetlands of Greece and their Role in Wildlife Biodiversity. The case Study of Zakynthos Island - Western Greece – Ionian Sea» International Congress on the Zoogeography, Ecology and Evolution of Eastern Mediterranean. September 2009, Crete, Greece.
  6. Efstathia Skotti, Katerina Kabassi, Paylos Bouchagier, Aristotelis Martinis, (2009), Environmental Sustainable Strategies for Solid Waste management in Island Areas (Zakynthos Island Area), Third Ain Shaims University Conference on Environmental Engineering, Avril, 14-16 2009, pp. 256-264.
  5. B. Kladi, G. Karris, A. Martinis and D. Triantafillos, (2010) Evaluation of Environmental Education Tourism in the Prefecture of Zakynthos – Ionian Sea, Western Greece, During the

decade 1998-2008 – International Conference on Tourism Development, 11-14 September 2009 – Kos.

4. Poirazidis, K., Martinis, A., Schinder, S., Kordopatis, P., Zografou, K., Lattas, P., 2010. Effects of big forest fires on landscape fragmentation: the case of Peloponnesus, Greece.- In: Azevedo, J., Feliciano, M., Castro, J., Pinto, M. (eds), Forest Landscapes and Global Change: New Frontiers in Management, Conservation and Restoration. Book of abstracts of the IUFRO International Conference, 21-27 Sep 2010, Bragança, Portugal, p. 57
3. Poirazidis, K., Schindler, S., Kati, V., Martinis, A., Kalivas, D., Kasimiadis, D., Werbka, T. and Papageorgiou, A., 2011. Conservation of biodiversity in managed forests: developing an adaptive decision support system. - In: Li C, Laforteza R, Chen J (eds). Landscape Ecology in Forest Management and Conservation. Challenges and Solutions for Global Change. Higher Education Press – Springer, pp. 385-405 (ISBN: 978-3-642-12753-3)
2. Katerina Kabassi, Maria Virvou, Eleni Charou, Aristotelis Martinis, “Software life-cycle for an adaptive geographical information” SIGMAP 2008 - International Conference on Signal Processing and Multimedia Applications; Porto; Portugal; 26 July 2008 through 29 July 2008; pp 393-396.
1. Katerina Kabassi, Eleni Charou, Aristotelis Martinis, “Implementation Issues of a Knowledge-based Geographical Information System, “8th Joint Conference on Knowledge-based Software Engineering”, pp 79-83.

**D. Publications in special volumes with reviewers: total 5**

**E. Publications in Greek conferences with reviewers: total 31**