



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **ANASTASIA / TSIRIKA**
Address(es) Lab of Remote Sensing and GIS, Department of Agriculture, School of Agriculture, Forestry and Natural Environment, Aristotle University of Thessaloniki, 54124, Thessaloniki, Greece
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E-mail atsirika@agro.auth.gr
Nationality Greek
Date of birth 22/03/1976
Gender Female

Desired employment / Occupational field Private law employee of indefinite duration, **Specialty: Environment**

Work experience

Dates 2007 - present
Occupation or position held Private law employee of indefinite duration, Specialty: Environment, Post-doctoral researcher
Main activities and responsibilities

1. Co – teaching in laboratory exercises,
2. Participation in research projects relevant to i) impact of agriculture and other anthropogenic activities on environment, ii) mapping of habitat types and of substrate in agricultural and natural ecosystems via the combination of destructive (sampling) and non destructive methods (aerial photographs, satellite images and echo sounding) in NATURA 2000 sites in Greece, iii) *in-situ* verification of remote sensing data, iv) taxonomy of species, analysis of structure, geographical distribution and seasonality of phytocommunities in both agricultural and natural ecosystems.
3. Writing proposals, reports, and scientific publications.

Name and address of employer Lab of Remote Sensing and GIS and Lab of Applied Soil Science, Department of Agriculture, School of Agriculture, Forestry and Natural Environment, Univ. box 231, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece
Type of business or sector Research / academic institution
Dates 1998 – 2006
Occupation or position held Scientific Collaborator
Main activities and responsibilities Participation in research projects relevant to water quality and bioindicators, taxonomy, distribution and seasonality of aquatic microalgae and macrophytes, mapping of phytocommunities, cultivation of microalgae and macroalgae, management of protected areas, non destructive sampling of organisms. Writing proposals, reports, and scientific publications. Teaching at undergraduate and graduate levels
Name and address of employer School of Biology, Lab of Botany, Univ. box 109, Aristotle University, 54124 Thessaloniki, Greece
Type of business or sector Research / academic institution

Teaching experience

Dates 1998 - 2006

Occupation or position held Teaching assistantship
 Main activities and responsibilities Teaching, writing notes, examiner
 Name and address of employer School of Biology, Lab of Botany, Univ. box 109, Aristotle University, 54124 Thessaloniki, Greece
 Type of business or sector Research / academic institution

Dates 2008 - 2014

Occupation or position held Teaching assistantship
 Main activities and responsibilities Laboratory assistant
 Name and address of employer Lab of Remote Sensing and GIS and Lab of Applied Soil Science, Department of Agriculture, School of Agriculture, Forestry and Natural Environment, Univ. box 231, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece
 Type of business or sector Research / academic institution

Education and training

Dates 2001 - 2005
 Title of qualification awarded PhD in identification, description and mapping of phytocommunities
 Principal subjects/occupational skills covered Title: 'A survey of the marine phytobenthos in the National Marine Park of Zakynthos'
 Name and type of organisation providing education and training School of Biology, Aristotle University of Thessaloniki, Greece. Funded by the Ministry of Education, Lifelong Learning and Religious Affairs
 Level in national or international classification ISCED 6

Dates 1998 – 2000
 Title of qualification awarded MSc in Hydrobiology and Aquacultures
 Principal subjects/occupational skills covered Thesis title: 'Analysis and mapping of marine benthic phytocommunities and habitat types in Chalkidiki (North Aegean Sea)'
 Name and type of organisation providing education and training School of Biology, Aristotle University of Thessaloniki, Greece. Funded by the State Scholarships Foundation.
 Level in national or international classification ISCED 5A

Dates 1994 – 1998
 Title of qualification awarded BSc in Biology
 Principal subjects/occupational skills covered Ecology, Environmental issues, Aquatic biology. Thesis title: 'Reproduction and Ecology of the red alga *Porphyra* att. ad. *leucosticta* Thuret in le Jolis from Thermaikos Gulf (North Aegean Sea)'
 Name and type of organisation providing education and training School of Biology, Aristotle University of Thessaloniki, Greece.
 Level in national or international classification ISCED 5A

Personal skills and competences

Mother tongue(s) **Greek**

Other language(s) **English, German**

Self-assessment
 European level (*)

English

German

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C2Proficient user	C2Proficient user	C2Proficient user	C2Proficient user	C2Proficient user
B2 Independent user	B2 independent user	B2 Independent user	B2 Independent user	B2 Independent user

(*) *Common European Framework of Reference for Languages*

Social skills and competences	Ability to work in a team acquired during participation in working groups. Intercultural adaptation skills acquired during my studies and work abroad. Good communication skill acquired through teaching in various levels.
Organisational skills and competences	Ability to organise and carry out research acquired during my doctoral and post-doctoral research. Ability to lead a small group acquired during my working experience. Experience in project management, including scientific, financial, logistics.
Technical skills and competences	Experimental design, ecological analysis of communities, in situ identification of organisms, organisms and water sampling, writing of scientific reports and publications
Computer skills and competences	Use of specialized software and hardware. Good command of most MS Office software.
Other skills and competences	
Driving licence	EU driving license, Category B.
Additional information	24 International Conference Publications

Selected scientific publications

- Tsirika A., S. Orfanidis and S. Haritonidis. (1997) – Preliminary results of field and culture studies of *Porphyra* att. ad. *leucosticta* Thuret in le Jolis from the Gulf of Thessaloniki. In: "Progress in Botanical Research", Ed. I. Tsekos and M. Moustakas, Kluwer Academic Publishers, pp. 385-388.
- Tsirika A., V. Chrisopolitou, M. Seferlis, E. Lazaridou and S. Haritonidis. (2001). Mapping of marine habitat types of the National Marine Park of Zakynthos island (Ionian Sea, Greece). 7th International Phycological Congress, Thessaloniki, August 2001 Phycologia Vol.40 (No4) Supplement pp.96-97
- Tsirika A., V. Chrisopolitou and S. Haritonidis. (2001) – Preliminary results of mapping of the coastal and halophytic habitat types (Directive 92/43/EEC) in the Gulf of Koukounaries (Skiathos, North Aegean Sea). 36th CIESM congress (Commission Internationale pour l'Exploration Scientifique de la mer Méditerranée), Monaco, September 2001 p 423
- Lazaridou E., A. Tsirika and M. Seferlis (2002). Study and mapping of the macrophytic communities of Amvrakikos Lagoons (Northwestern Greece). 1st Scientific Conference of the European Federation of Marine Science and Technology Societies, Athens, September 2002
- Panayotidis P., P. Drakopoulou, K. Siakavara, A. Banks, S. Orfanidis, E. Tsiaga, S. Haritonidis & A. Tsirika (2002). Cartography of the marine sites of the Greek NATURA-2000 network: A baseline study for the sustainable management of the coastal environment. 1st Scientific Conference of the European Federation of Marine Science and Technology Societies, Athens, September 2002
- Pergent G., A. Ouerghi, V. Pasqualini, C. Pergent-Martini, G. Skoufas, L. Sourbes & A. Tsirika. (2003). Caractérisations des herbiers à *Posidonia oceanica* dans le Parc Marin National de Zakynthos (Grèce). Second Mediterranean Symposium on Marine Vegetation, Athens, December 2003
- Skoufas G. & A. Tsirika (2003). Preliminary results of the epibiotic flora on *Eunicella singularis* (Gorgonacea) colonies from the North Aegean Sea. Second Mediterranean Symposium on Marine Vegetation, Athens, December 2003
- Tsirika A. and S. Haritonidis (2005). - A survey of the benthic flora in the National Marine Park of Zakynthos (Greece). *Botanica Marina* 48: 38-45.
- Pasqualini V., C. Pergent-Martini, G. Pergent, M. Agreil, G. Skoufas, L. Sourbes and A. Tsirika (2005) - Use of SPOT 5 for mapping seagrasses: An application to *Posidonia oceanica*. *Remote sensing of Environment* 94: 39-45.
- Tsirika A., G. Skoufas and S. Haritonidis (2007) Seasonal and bathymetric variations of epiphytic macroflora on *Posidonia oceanica* (L.) Delile leaves in the National Marine Park of Zakynthos (Greece). *Marine Ecology* 28: 146-153.
- Takavakoglou, V., I. Chronis, A. Tsirika, T. Alexandridis, G. Zalidis, 2007. Contribution of GlobWetland products in designing a monitoring protocol for a European Ramsar wetland. In Proceedings of GlobWetland Symposium, Frascati, Italy, 19-20 October
- Dakouras, C., A. Tsirika and G. Skoufas (2008). Estimation of *Posidonia oceanica* (L.) Delile meadows in Paxi region (Ionian Sea). 30th Congress of Hellenic Society for Biological Sciences, Thessaloniki (Greece), May 2008, pp.
- Alexandridis, T.K., E. Lazaridou, A. Tsirika, and G.C. Zalidis (2009). Using Earth Observation to update a wetland's Natura 2000 habitat map. *Journal of Environmental Management*: 2243-2251.
- Monachou S., E. Kalopesa, T. Alexandridis, A. Adrianopoulos, A. Tsirika & G. Zalidis (2013). Interrelation of Remotely Sensed Water Quality Parameters in Thermaikos Gulf (Greece). ESA Living Planet Symposium, to be held 9 - 13 September in Edinburgh, United Kingdom

Selected research projects

- 'Identification and description of the habitat types in areas of interest for the conservation of nature'. Aristotle University of Thessaloniki
- 'Biomonitoring of marine benthic biocommunities in the sublittoral zone of NE coasts of Thessaloniki (airport Macedonia area)' Aristotle University of Thessaloniki.
- 'Monitoring of water quality' Aristotle University of Thessaloniki.
- 'Monitoring of the harmful algal blooms in the marine area of Thessaloniki Prefecture' Aristotle University of Thessaloniki.
- 'A survey of phytobenthos in Prokopos and Kotychi lagoons' Aristotle University of Thessaloniki.
- 'Monitoring of the water quality in the marine area of Kalamitsi Preveza' Aristotle University of Thessaloniki.
- 'Integrated multiple levels wetlands monitoring system using innovative technologies (WETMUST)', Aristotle University of Thessaloniki.
- 'Definition and specialisation of common protocol and database for monitoring the quality and quantity of surface waters and the status of Strimonas river'. Aristotle University of Thessaloniki.
- 'Pilot cultivation of macroalgae for pharmaceutical and agricultural use'. Aristotle University of Thessaloniki.
- 'Monitoring of biotic and abiotic factors in Lake Koronia'. Aristotle University of Thessaloniki.
- 'Development and implementation of tools for integrated management of coastal zone in Thermaikos Gulf'. Aristotle University of Thessaloniki.
- 'Actions for the conservation of coastal habitat types and of avifauna in Natura 2000 sites'. Balkan Environment Center