

PERSONAL INFORMATION

Elpida Karadimou



📍 University of Patras, School of Natural Sciences, Department of Biology, Division of Plant Biology, Laboratory of Botany, University Campus, 26504 Rio, Greece

✉ elkaradi@gmail.com

🌐 https://www.researchgate.net/profile/Elpida_Karadimou

Sex Female | Date of birth 21/05/1983 | Nationality Greek

PROFESSION

Biologist

June 2018 – Present

Post – doctoral fellow

Aristotle University of Thessaloniki, Faculty of Sciences, School of Biology, Department of Ecology

Sectoral Program for Human Resources Development, Education and Lifelong Learning: “Analysis of multiple hypotheses on the ecological mechanisms governing the invasion of alien species”

Scientific Coordinator: Assoc. Prof. A. Kallimanis

- Functional diversity patterns analysis (native vs alien species)
- Hypotheses testing on the ecological mechanisms governing the invasion of alien species

Business or sector Scientific research

April 2018 – December 2018

Post – doctoral fellow

University of Patras, Department of Biology, Division of Plant Biology

Research Program: “Functional diversity patterns analysis based on crowdsourcing scientific data on Mt. Olympus & Samaria (Crete) Biosphere Reserves”

Scientific Coordinator: Prof. P. Dimopoulos

- Alien species data analysis (crowdsourcing)
- Functional diversity patterns analysis
- Dissemination of scientific results

Business or sector Scientific research

2017

Post – doctoral fellow

University of Patras, Department of Biology, Division of Plant Biology

Research Program: “Functional diversity patterns analysis based on crowdsourcing scientific data on Mt. Olympus & Samaria (Crete) Biosphere Reserves”

Scientific Coordinator: Prof. P. Dimopoulos

- Alien species data analysis (crowdsourcing)
- Functional diversity patterns analysis
- Dissemination of scientific results

Business or sector Scientific research

2013 – 2016

Researcher

WORK EXPERIENCE

University of Patras, Department of Biology, Division of Plant Biology

Research Project: Citizen OBServatory WEB (COBWEB) project. Seventh Framework Programme (FP7), Theme [ENV.2012.6.5-1] [Developing community-based environmental monitoring and information systems using innovative and novel earth observation applications (Project ID 308513).

Scientific Coordinator: Prof. P. Dimopoulos

- Coordination of citizens' observatory networks on data collection (mainly for educational purposes)
- Application of biodiversity monitoring methods and data collection using digital devices in the field, emphasizing in environmental education

Business or sector Scientific research

2014 – 2015 **Field Researcher**

University of Patras, Department of Biology, Division of Plant Biology

Surveillance and Conservation Status Assessment of habitat types of Community Importance in Greece. Funding: Ministry of Environment, Energy and Climate change:

Scientific Coordinator: Prof. P. Dimopoulos

- field research and data collection & storage

Business or sector Scientific research

2013 – 2014 **Field Researcher**

University of Patras, Department of Biology, Division of Plant Biology

Surveillance and Conservation Status Assessment of habitat types of Community Importance at the National Park of Samaria (Lefka Ori, Crete). Funding: Mediterranean Agronomic Institute and the Management Institution of the Samaria National Park.:

Scientific Coordinator: Prof. P. Dimopoulos

- field research and data collection & storage

Business or sector Scientific research

2010 **Field Researcher – Volunteer**

Management Body of the National Marine Park of Alonissos and Northern Sporades

Surveillance and Conservation Status Assessment of habitat types of Community Importance at the National Park of Samaria (Lefka Ori, Crete). Funding: Mediterranean Agronomic Institute and the Management Institution of the Samaria National Park.:

- visitors' awareness
- vegetation sampling and monitoring
- contribution to the development of a biodiversity database

EDUCATION AND TRAINING

2011 – 2016 **Doctoral diploma – Thesis title: “Temporal Variation Patterns in Species Composition and Biodiversity in Islands Ecosystems”**

University of Patras, School of Engineering, Department of Environmental and Natural Resources Management

- field work experience in vegetation sampling methods, plant taxa identification
- statistical analysis methods and vegetation data analysis
- plant functional traits measurement, functional diversity analysis and examination of its role in ecosystem functioning

2011 – 2016 **Master of Science – “Sustainable Management of Protected Areas”**
–Thesis title: “Plant Diversity Patterns and Plant Assembly Rules at the Volcanic Islands of Santorini Archipelagos”

University of Ioannina, Department of Environmental and Natural Resources Management

- field work experience in vegetation sampling methods, plant taxa identification
- laboratory experience in soil analysis methods
- statistical analysis methods, vegetation and soil data analysis
- plant functional traits databases usage, quantification and analysis of functional diversity
- biodiversity patterns analysis

2011 – 2016 **Bachelor of Science – Biology**

Aristotle University of Thessaloniki, Faculty of Sciences, School of Biology

PERSONAL SKILLS

Mother tongue(s) Greek

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	C1	C1
Certificate of Proficiency in English, University of Cambridge (C2)					
Italian	A2	A2	A2	A2	A2
CELI 3 (B2)					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- good communication skills gained through my participation in several scientific groups
- Intercultural communication skills through my participation multicultural scientific groups

Scientific interests

- Plant community ecology and Island biogeography
- Vegetation patterns (spatial and temporal turnover) and succession on sea-born volcanic islands
- Functional plant ecology
- Monitoring, mapping and conservation status assessment of habitat types in protected areas, with a focus on island ecosystems
- Citizen science & Environmental monitoring

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

- good command of office suite (word processor, spread sheet, presentation software)
- good command of GIS, R, SPSS and other statistical analysis of ecological data analysis software
- good command of photo editing software gained as an amateur photographer

Other skills

- Scuba Diving Certifications: PADI Open Water Diver, PADI Advanced Open Water Diver

Driving licence A1, B

ADDITIONAL INFORMATION



- Karadimou, E., Tsiroidis, I., Kallimanis, A. S., Raus, T., Dimopoulos, P. 2015. Functional diversity reveals complex assembly processes on sea-born volcanic islands. *Journal of Vegetation Science*, 26: 501–512. doi: 10.1111/jvs.12255.
- Karadimou, E., Tsiroidis, I., Kallimanis, A.S., Raus, T. & Dimopoulos, P. 2016. Functional diversity exhibits a diverse relationship with area, even a decreasing one. *Scientific Reports* 6, 35420. doi:10.1038/srep35420
- Karadimou, E., A. S. Kallimanis, I. Tsiroidis, T. Raus, E. Bergmeier, and P. Dimopoulos. 2018. Functional diversity changes over 100 yr of primary succession on a volcanic island: insights into assembly processes. *Ecosphere* 9(9): e02374. 10.1002/ecs2.2374

Under review:

- Karadimou, E., Kallimanis, A.S., Tsiroidis, I. & Dimopoulos, P. Can changes in taxonomic diversity predict changes in functional diversity? The case of short-temporal changes in vegetation on a Mediterranean volcanic island. (journal: *Ecological Indicators*)
- Raus, T., Dimopoulos, P. & Karadimou, E. Taxonomic and Functional plant Diversity of the Santorini-Christiana island group (Southern Kiklades, Greece). (journal: *Willdenowia*)

Presentations in Conferences
(oral presentations and posters)

- Karadimou, E., Tsiroidis, I., Kallimanis, A.S. and Dimopoulos, P. Assembly rules as drivers of the vegetation patterns on a Mediterranean sea-born volcanic islands (Santorini archipelago, Greece). 21st Workshop of European Vegetation Survey, Vienna, Austria, 24-27 May, 2012.
- Karadimou, E., Kallimanis, A.S., Tsiroidis, I. and Dimopoulos, P. Functional diversity and the species area relationship. 5th Open Workshop of the of the Global Plant Trait initiative (TRY): 'Quantifying and scaling global plant trait diversity', Leipzig, Germany, 3-5 September, 2013.
- Karadimou, E., Kallimanis, A.S., Tsiroidis, I. and Dimopoulos, P. Different aspects of functional diversity display different types of Functional Diversity - Area Relationships. 24th workshop of the European Vegetation Survey, Rennes, France, 4 - 8 May, 2015.
- Karadimou, E., Kallimanis, A.S., Tsiroidis, I. and Dimopoulos, P. Temporal changes in taxonomic diversity do not reflect changes in every aspect of functional diversity. 25th Workshop of European Vegetation Survey, Rome, Italy, 6-9 April, 2016.
- Karadimou, E., Kallimanis, A.S., Tsiroidis, I., Raus, T. & Dimopoulos, P., Bergmeier, E. Long-term temporal changes in diversity after volcanic eruptions on a sea-born Mediterranean volcanic island, Nea Kameni (Santorini, Greece), with insights into assembly processes. The 60th annual symposium of the International Association for Vegetation Science (IAVS), Palermo, Italy, 20-24 June, 2017.
- Raus, T. Dimopoulos, P. & Karadimou, E. Vascular plant diversity on the Christiana island group and Aspronisi Island (Cyclades, Greece): current state of floristic knowledge. 7th Balkan Botanical Congress, Novi Sad, Serbia, 10-14 September, 2018.
- Iliadou E., Bazos I., Kougioumoutzis K., Karadimou E., Kokkoris I., Panitsa M., Raus T., Strid A. & Dimopoulos P. Taxonomic diversity patterns in the Northern Sporades islets complex (Greece). 7th Balkan Botanical Congress, Novi Sad, Serbia, 10-14 September, 2018.

Presentations in National
Conferences
(oral presentations and posters)

- Moustakas, M., Karadimou, E., Vlachonasios, K., Nikoloudi, A and Rondrigues, P. The role of the transcriptional adapter ADA2b in root development and PSII function of *Arabidopsis thaliana*. 30th Meeting of the Hellenic Society of Biological Sciences, Thessaloniki, 22-24 May, 2008.
- Karadimou, E., Tsiroidis, I., Kallimanis, A.S. and Dimopoulos, P. Plant diversity patterns in the two volcanic islands of Santorini Archipelagos. 5th National Congress of Ecology: 'Ecological Processes in Space and Time', University of Patras, Patra, 7-10 October, 2010.
- Karadimou, E., Kallimanis, A.S., Tsiroidis, I. and Dimopoulos, P. An investigation of the species - area relationship in the Mediterranean sea-born volcanic islands (Santorini archipelago, Greece). 6th National Congress of Ecology: 'Ecological Research in Greece: Trends, Challenges and Applications', University of Athens, Athens, 4-7 October, 2012.
- Karadimou, E., Kallimanis, A.S., Tsiroidis, I. and Dimopoulos, P. Functional diversity and the species area relationship in the sea-born islands of the Santorini archipelagos. 13th Panhellenic Scientific Conference of the Hellenic Botanical Society: 'The green of hope: Botany today, theory and practice', Thessaloniki, 3-6 October, 2013.
- Karadimou, E., Kallimanis, A.S., Tsiroidis, I. and Dimopoulos, P. An investigation of the functional diversity - area relationship on the Mediterranean sea-born volcanic islands (Santorini archipelago, Greece). 7th Congress of the Hellenic Ecological Society: 'Ecology: Connecting Systems, Scales and Research Fields', Mytilini, October 9-12, 2014.
- Karadimou, E., Kallimanis, A.S., Tsiroidis, I. and Dimopoulos, P. Short-term temporal variation in alpha and beta diversity of plant communities on volcanic islands. 8th Congress of the Hellenic Ecological Society: '150 years of ecology: structures, dynamics and survival strategies', Thessaloniki, 20-23 October, 2016.
- Raus, T. Dimopoulos, P. & Karadimou, E. Vascular plant diversity on the Christiana island group (Cyclades, Greece): current state of floristic knowledge. 15th Panhellenic Scientific Conference of the Hellenic Botanical Society: 'The European and National Strategy for the Conservation of Plant Diversity in Greece, Chania, 14-17 September, 2017.

Seminars

- Geographic Information Systems (GIS), National Technical University of Athens, School of Rural and Surveying Engineering (SRSE), Department of Geography and Regional Planning, Laboratory of Geography & Spatial Analysis, Centre for Continuing Education (22 weeks, 2008)
- Ecological Data Analysis using R (ECoDaR), Summer School, University of the Aegean (2 weeks, 2013)
- Data analysis using R, Athens University of Economics and Business, Lifelong Learning Center - eLearning (10 weeks, 2017)

© European Union, 2002-2018 | europass.cedefop.europa.eu

Memberships

- International Association for Vegetation Science (IAVS)
- Society for Conservation Biology (SCB)

