

## CURRICULUM VITAE

### GEORGIA PAPANTONIOU, MSc, PhD

Post-Doc Researcher  
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#### EDUCATION:

- 2015 Doctor of Philosophy (PhD) in Marine Ecology, Division of Biology, University of Athens, Greece, "Zooplankton in Kalloni Gulf and its role in the food web".
- 2006 Master of Science (MSc), Department of Geography, University College London, London, United Kingdom, "Population and trophic ecology of the Bullhead (*Cottus gobio*) in a chalk stream ecosystem".
- 2005 Diploma (Dipl.) in Environmental and Natural Resources Management, University of Ioannina, Greece, "A comparative study of lakes in Estonia based on their zooplankton communities".

#### TRAINING:

- 2018 "Modelling aquatic ecosystems with Ecopath, Ecosim and Ecospace", Barcelona Ocean, Institut de Ciències del Mar, 22-26 October 2018, Barcelona, Spain.

#### QUALIFICATIONS:

- 2022-present Post-doctoral researcher in "SEAWise", a European funded project (HORIZON) aiming to provide an operational approach for European Ecosystem Based Fisheries Management based on persistent networks and co-designed innovation, Institute of Marine Biological Resources and Inland Waters (IMBRIW) of Hellenic Centre for Marine Research (HCMR).
- 2018-2021 Post-doctoral researcher in "ANATHALLOI", a national and European funded project for the development of management tools for marine and lake ecosystems, Institute of Marine Biological Resources and Inland Waters (IMBRIW) of Hellenic Centre for Marine Research (HCMR) (4 years).
- 2017 Post-doctoral researcher in an Erasmus+ project, "Treasure Water: 'Trans-Regional Environmental Awareness for Sustainable Usages of Water Resources" (2 months), Division of Biology, Department of Ecology and Systematics, National and Kapodistrian University of Athens, Athens (3 months).
- 2015 Pre-doctoral researcher in "KRIPIS", a national and European project for the "Development of an integrated management system for river basin, coastal and marine zones", Institute

- of Marine Biological Resources and Inland Waters (IMBRIW), Hellenic Center for Marine Research (HCMR), Athens, Greece, (4 months).
- 2014 Pre-doctoral researcher in the European project “LANDMED” concerning discards in fisheries targeting small pelagic fish in the Mediterranean, Institute of Marine Biological Resources and Inland Waters (IMBRIW), Hellenic Center for Marine Research (HCMR), Greece, (5 months).
- 2013 Visiting scientist, in the project “Copepod Response to Ocean Acidification (CROA)”, Institut de Ciències del Mar (ICM), Barcelona, Spain (3 months).
- 2012-13 Pre-doctoral researcher in the project “Zooplankton ecology and dynamics in Papas Lagoon W Greece”, Department of Zoology-Marine Biology, Faculty of Biology, University of Patras, Patras, Greece (9 months).
- 2012 Pre-doctoral researcher in the “National Program for Collection of Fisheries Data”, Department of Zoology-Marine Biology, Faculty of Biology, University of Patras, Patras, Greece (2 months).
- 2012 Pre-doctoral researcher in the project “Metropolitan park of Ilisia: the biodiversity of the University Campus Faculty of Biology, National and Kapodistrian University of Athens, Greece (2 months).

#### **PUBLICATIONS:**

1. **Papantoniou G.**, Giannoulaki M., Stoumpoudi M.Th., Lefkaditou E., Tsagarakis K., 2021. Food web interactions in a human dominated Mediterranean coastal ecosystem. *Marine Environmental Research* 172, 1055507. <https://doi.org/10.1016/j.marenvres.2021.105507B.2>.
2. Petriki O., Moutopoulos D.K., Tsagarakis K., Tsonki I., **Papantoniou G.**, Matzouni I., Barbieri R., Stoumpoudi, M.Th., 2021. Assessing the Fisheries and Ecosystem Structure of the Largest Greek Lake (Lake Trichonis). *Water* 13, 23, 3329. <https://doi.org/10.3390/w13233329>.
3. **Papantoniou G.**, Cladas Y., Ketsinlis-Rinis V., Vaitzi Z., Fragopoulou N., 2020. Effects of HABs and a dystrophic event on zooplankton community structure in a Mediterranean lagoon (W Greece). *Estuarine, Coastal and Shelf Science* 245, 106985. <https://doi.org/10.1016/j.ecss.2020.106985>.
4. Tsagarakis K., Carbonell A., Brčić J., Bellido J.M., Carbonara P., Edridge A., García T., González M., Šifner S.K., Machias A., **Papantoniou G.**, Sala A., Škeljo F., Vitale S., Vassilopoulou V., 2017. Old Info for a New Fisheries Policy: Discard Ratios and Lengths at Discarding in EU Mediterranean Bottom Trawl Fisheries. *Frontiers in Marine Science* 4, 99. <https://doi.org/10.3389/fmars.2017.00099>.
5. Isari S., Zervoudaki S., Peters J., **Papantoniou G.**, Pelejero C., Saiz E., 2016. Lack of evidence for elevated CO<sub>2</sub>-induced bottom-up effects on marine copepods. *ICES Journal of Marine Science* 73, 3, 650-658. <https://doi.org/10.1093/icesjms/fsv078>.
6. **Papantoniou G.**, Danielides D.B., Spyropoulou A., Fragopoulou N., 2015. Spatial and temporal variability of small-sized copepod assemblages in a shallow semi-enclosed embayment (Kalloni Gulf,

- NE Mediterranean Sea). *Journal of the Marine Biological Association of the UK* 94, 02, 349-360. <https://doi.org/10.1017/S0025315414001349>.
7. Cladas Y., **Papantoniou G.**, Bekiari V., Fragopoulou N., 2015. A dystrophic event in Papas Lagoon, Araxos Cape, Western Greece in the summer 2012. *Mediterranean Marine Science* 17, 1, 32-38. <https://doi.org/10.12681/mms.1409>.
  8. Spyropoulou A., Spatharis S., **Papantoniou G.**, Tsirtsis G., 2012. Potential response to climate change of a semi-arid coastal ecosystem in Eastern Mediterranean. *Hydrobiologia* 705, 87-99. <https://doi.org/10.1007/s10750-012-1384-6>.
  9. Eleftheriou A., Anagnostopoulou-Visilia, Anastasopoulou E., Ates S.A., Bachari N. El I, Cavas L., Cevik F., Ulhas M., Cevik, F., Delos A.-L., Deric O.B., Erguden D., Fragopoulou N., Giangrande A., Goksan T., Gravili C., Gurlek M., Hattour A., Kapiris K., Kouraklis P., Lamouti S., Prato E., Papa L., **Papantoniou G.**, Parlapiano I., Poursanidis D., Turan C. and Yaglioglou D., 2011. New Mediterranean Biodiversity Records. *Mediterranean Marine Science* 12, 2, 491-508.
  10. Woodward G., **Papantoniou G.**, Lauridsen R.B., 2008. Trophic trickles and cascades in a complex food web: impacts of a keystone predator on a stream community structure and ecosystem processes. *Oikos* 117, 5, 683- 692. <https://doi.org/10.1111/j.0030-1299.2008.16500.x>.

#### CONFERENCE PARTICIPATIONS:

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| 2019 | <b>Papantoniou G.</b> , Lefkaditou E., Tsagarakis K., 2019. Trophic guilds of fishes in Saronikos gulf. 17th Panhellenic Conference of Ichthyologists, 31 October - 3 November 2019, Herakleion, Crete, Greece.   |
| 2019 | Petriki O., Barbieri R., Tsionki I., <b>Papantoniou G.</b> , Moutopoulos D.K., Stoumboudi M. Th., 2019. Preliminary results of a fish fauna survey in Lake Trichonis, Greece. 17th Panhellenic Conference of Ichthyologists, 31 October - 3 November 2019, Herakleion, Crete, Greece. |
| 2016 | Vaitsi, Z., <b>Papantoniou, G.</b> , Fragopoulou, N., Cladas, Y., 2016. Response of phytoplankton to a dystrophic event in Papas Lagoon (Araxos Cap, Western Greece). 51st European Marine Biology Symposium, 26-30 September 2016, Rhodes, Greece.                                   |
| 2015 | Isari M., Zervoudaki, S., Peters, J., <b>Papantoniou, G.</b> , Pelejero, C., Saiz, E., 2015. Vital rates of marine copepods under ocean acidification scenarios. 2015 ASLO Aquatic Sciences Meeting, 22-17 February, Granada, Spain.  |
| 2015 | Isari S., Zervoudaki S., Peters J., <b>Papantoniou G.</b> , Pelejero C., Saiz E., 2014. Lack of elevated CO <sub>2</sub> -induced bottom-up effects on marine copepods. 2nd International Ocean Research Conference, 17-21 November, Barcelona.                                       |
| 2014 | <b>Papantoniou G.</b> , Danielidis D.B., Frangopoulou N., 2014. Copepod biovolume distribution in Kalloni gulf: comparison of Size Spectrum Theory with field data. 7th National Congress of Ecology, 9-12, Mytilene.   |

- 2013 **Papantoniou G.**, Danielidis D.B., Cladas Y., Sokratous M., Ketsilis-Rinis V., Frangopoulou N., 2013. Response of zooplankton to a prolonged HAB in Papas lagoon (Western Greece). VI Eurolag & VII Lagunet Conference, 16-19 December 2013, Lecce, Italy.
- 2012 **Papantoniou G.**, Danielidis D.B. and Frangopoulou N., 2012. Zooplankton community assessment with the use of two different mesh size nets (90 and 200  $\mu\text{m}$ ) in Kalloni gulf. 6th National Congress of Ecology, 4-7 October, Athens.
- 2012 **Papantoniou G.**, Danielidis D.B. and Frangopoulou N., 2012. *Parvocalanus crassirostris*: a new invasive copepod species in the Aegean Sea. 12th International congress on the zoogeography and ecology of Greece and adjacent regions, Athens, 18- 22 June, Greece.
- 2011 **Papantoniou G.**, Danielidis D.B., Tsirtsis G. and Frangopoulou N., 2011. Zooplankton spatial and temporal dynamics in a semi-enclosed gulf in Eastern Mediterranean. World Conference on Marine Biodiversity, 26-30 September, Aberdeen, Scotland, UK.
- 2010 **Papantoniou G.**, Danielidis D.B., Tsirtsis G., 2010. Spatial and temporal distribution of bacterioplankton in Kalloni Gulf: correlations with biotic and abiotic parameters. 5th National Congress of Ecology, 7-10, Patras.

#### **OTHER ORAL PRESENTATIONS:**

- 2019 Group meeting of Erasmus + project Treasure Water: 'Trans-Regional Environmental Awareness for Sustainable Usages of Water Resources', 5-10 May 2019, Athens, Greece: "Food webs in freshwater ecosystems: an ecosystem approach"
- 2018 Group meeting of Erasmus + project Treasure Water: 'Trans-Regional Environmental Awareness for Sustainable Usages of Water Resources', Khanthy-Mansyisk, 7-14 May 2018, Athens, Greece: "Zooplankton: a neglected bioindicator".
- 2017 Group meeting of Erasmus + project Treasure Water: 'Trans-Regional Environmental Awareness for Sustainable Usages of Water Resources', 16-18 October 2017, Khanthy-Mansyisk, Russia: "Suggested Teaching Modules for an Interdisciplinary Understanding of Freshwater Sciences".
- 2017 Invited speaker in the MSc of Ecology and Biodiversity Management, Division of Biology, National and Kapodistrian University of Athens, Greece: "Food webs in aquatic ecosystems" (2 hours/semester)

#### **NOT FUNDED GRANT PROPOSALS:**

- 2019 "Structure and functioning of a lentic ecosystem under the influence of climate and anthropogenic stress" in collaboration with Dr Olga Petriki, Dr Konstantinos Tsagarakis from the Institute of Marine Biological Resources and Inland Waters (IMBRIW) of Hellenic Centre for Marine Research (HCMR) and Dr Dimitrios Moutopoulos from the Department of Animal Production, Fisheries & Aquaculture, University of Patras, Mesolongi, Greece (score: 85.87%).

2016 “Defining mesozooplankton spatial patterns using sonar in North Aegean and the Ionian Sea” in collaboration with Dr Marianna Giannoulaki from the Institute of Marine Biological Resources and Inland Waters (IMBRIW) of Hellenic Centre for Marine Research (HCMR) (score: 82%).

### **TEACHING:**

2018-19 Lecturer in the post graduate course of “Freshwater Ecosystems” of the MSc “Ecology and Biodiversity Management”, Division of Biology, National and Kapodistrian University of Athens (2 hours/semester).

2016-17 Lecturer of the undergraduate module “Freshwater ecosystems”, Division of Biology, National and Kapodistrian University of Athens (36 hours/semester).

2010-15 Assistant teacher in the laboratory work of the undergraduate module “Freshwater ecosystems”, Division of Biology, National and Kapodistrian University of Athens (6 hours/winter semester for 5 academic years).

2013 Teaching copepod systematics in the laboratory work of the module “Marine Biology” in the Biological Sciences of the University of Patras, Greece (3 hours/semester).

2007-2008 Laboratory Assistant at the School of Pedagogical and Technical Education, Department of Patras, Greece (2 semesters).

### **SUPERVISION:**

2012-13 Maria Sokratous; Diploma Thesis: “Zooplankton biodiversity and dynamics during an annual cycle in Papas Lagoon, W Greece”, University of Patras

2012-13 Zoi Vaitisi; Diploma Thesis: “Phytoplankton biodiversity and dynamics during an annual cycle in Papas Lagoon, W Greece”, University of Patras

### **AWARDS / FELLOWSHIPS:**

2013 Postgraduate Erasmus Placement Scholarship; Institute of Marine Sciences, Barcelona, EU (€ 1.750, 3 months)

2012-13 PhD fellowship: Karatheodoris Scholarship, University of Patras (€ 6.750, 9 months)

2011 Travel grant, 2<sup>nd</sup> World Conference on Marine Biodiversity, 26-30 September, Aberdeen, Scotland, UK

2004 Undergraduate Erasmus Scholarship, Institute of Geoecology, Tallin, Estonia, EU (€ 2.000, 4 months)

**LANGUAGE SKILLS:**

Greek	Native speaker	
English	Fluent	Certificate of Proficiency in English, Cambridge University
Spanish	Very Good	Diploma de Nivel Intermedio (Basico), Instituto Cervantes de Atenas
German	Basic	Zertifikat, Grundstufe, Goethe Institut Athen

**DIGITAL SKILLS:**

Statistical software	Excellent	SPSS, Canoco, PRIMER
Programming languages	Basic	R
Mapping	Basic	ArcGIS, Ocean Data View