

# Niki Chartosia (MSc, PhD)

## PERSONAL INFORMATION

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**Date of Birth:**

2nd March 1978

**Nationality:**

Cypriot

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Kyproleontos 5A, 2314  
Lakatamia, Lefkosia

**Current Work address:**

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## EDUCATION

- 2004- 2010**    **PhD in Marine Biology, Department of Zoology, School of Biology, Aristotle University of Thessaloniki (AUTH), Greece**  
*Thesis Title: Comparative biology and ecology of the crabs of the genus Portumnus Leach, 1814.*
- 2001 - 2003**    **MSc Hydrobiology & Aquacultures, School of Biology, AUTH**  
*Thesis Title: Factors controlling the distribution of the crab Portumnus lysianassa (Herbst, 1801) in the soft midlittoral substratum of the Greek coasts.*
- 1996 - 2000**    **BSc Biology, Department of Botany, School of Biology, AUTH.**  
*Thesis Title: Study of the marine phanerogam Posidonia oceanica (L.) Delile, 1813 in Cypriot coasts (Paphos).*

## EMPLOYMENT

### RESEARCH

- Dec 2015 – Today**    **Scientific coordinator of the University of Cyprus team in the project: ‘Towards the establishment of Marine Protected Area Networks in the Eastern Mediterranean (PROTOMEDEA)’**, financed by the European Union (DG MARE).

- Oct 2012 – Today** National expert for the assessment of the report of Cyprus as per Articles 8, 9 and 10 regarding the implementation of the Marine Strategy Framework Directive (MSFD).
- Oct 2011 – June 2012** Technovation Solutions RTD Private Company, Lefkosia.
- March – Nov 2012** Frederick Research Center, Lefkosia  
Project title: **Preparation of the Strategy for the Biodiversity of Cyprus**
- Feb 2011 – July 2012** Frederick Research Center, Lefkosia  
Involvement with two research projects relative to:  
1) Food Technologies and Packaging  
- Collaboration with DIL Germany  
- Funded by CORNET Project, European Commission.  
2) Mooring Systems in Offshore aquacultures  
- Collaboration with the University of New Hampshire  
- Funded by Research Promotion Foundaton, Cyprus
- Feb – Sept 2011** Frederick Research Center, Lefkosia  
Project title: **A smart feed management data tool for Cyprus’ offshore aquaculture industry with the aid of a stand-alone renewable energy system.**
- 2002 - 2010** Postgraduate Researcher – Aristotle University, Thessaloniki, Greece  
Research associate in the following Projects
- R7** Classification of the biodiversity of the terrestrial and freshwater habitats of Greece, as a means of evaluation for their use in Education, Research and Economic development (2010).
- R6** Predative interactions of the fox (*Vulpes vulpes*) in Peloponnese. (Funded by the Hunting Federation of Peloponnese, 2007 - 2010)
- R5** Investigation of the evolutionary adaptations of characteristic species of Crustacea for their transition from marine to terrestrial life and development of relevant bioinformatic models (PhD project funding). (Funded by the Operational Programme “Competitiveness”, action PENED 2003, General Secretariat for Research and Technology, Ministry of Development of Greece and the European Union, 2005 – 2010.)
- R4** Development of Databases for the diversity of: 1) Fauna (excluding Hexapoda); 2) Fungi and Flora; 3) Hexapoda insects and 4) Cells and genetics of fauna and flora of Greece as a mean for education, research and conservation of natural heredity. (4 separate projects). (Funded by EPEAEK

II, “Pythagoras II”, MERA Greece, 2005-2007.)

- R3**     **The midlittoral zone as a threshold from marine to terrestrial life and as a mean of environmental education.** (Funded by EPEAEK II, “Pythagoras I”, MERA Greece, 2004-2007.)
- R2**     **Study and protection of the population of the shrimp *Palaemonetes antennarius* (Milne-Edwards, 1837) in lake Kaiafa.** (Funded by ETERPS Ministry for the Environment, Physical Planning and Public Works, Greece, 2004.)
- R1**     **Study of the biology and ecology of the characteristic species of midlittoral sands, *Donacilla cornea* (Poli, 1795).** (Funded by EPEAEK II “Irakleitos”, Ministry of Education and Religious Affairs of Greece & the European Union, 2002 -2004).

## TEACHING

### Lecturing

**Department of Biological Sciences, University of Cyprus**

- Spring semester 2017**     **Special Scientist:** teaching Zoology to postgraduate students.
- Winter semester 2016**     **Special Scientist:** Animal Physiology and Marine Biology to graduate students and Marine Ecology to postgraduate students.
- Spring semester 2015**     **Special Scientist:** teaching Zoology and Biodiversity of Cyprus to undergraduate students and Biodiversity patterns and Biodiversity of Cyprus to postgraduate students.
- Winter semester 2014**     **Visiting Assistant Professor:** teaching Animal Physiology and Marine Biology to graduate students and Marine Ecology to postgraduate students.
- Spring semester 2014**     **Visiting Assistant Professor:** teaching Zoology and Integrative Biology to graduate students and Biodiversity of Cyprus to postgraduate students.
- Winter semester 2013**     **Visiting Lecturer:** teaching Animal Physiology and Marine Biology to graduate students and Marine Ecology to post-graduate

**Spring semester 2013** **Visiting Assistant Professor:** teaching Zoology and Integrative Biology to graduate students and Coordinator of the course 'Post-graduate Seminars'.

**Winter semester 2012** **Visiting Assistant Professor:** teaching Marine Biology to graduate and Marine Ecology to post-graduate students.

- From all student surveys I have received 4/5.0 average rating for teaching effectiveness.

**2011** Lecture for marine biodiversity in the framework of the lesson «**Environmental Education**», at the Department of Primary Education of Frederick University.

**2003 - 2010** **Tutorial / Lab Assistant - School of Biology, AUTH**

**2003 - 2010** **Field Tutorials - School of Biology, AUTH**

#### **Supervision of Master and Bachelor Theses**

**Master Thesis** - Diet composition of three Lessepsian, invasive species from Cyprus. Elena Eleftheriadou (Started: Sep. 2016)

**Bachelor thesis**

- Investigation of the impacts of recreational fisheries in the coastal area of Cyprus. (Started: December 2016)
- Study of the decapod discards of bottom trawls, from the marine area of Cyprus. (Duration: Dec 2015 - Dec. 2016)
- Study of the diet composition of the lessepsian fish *Upeneus mollucensis* from Cyprus. (Duration: Sep 2015 - May 2016)
- Study of the diet composition of the lessepsian fish *Sphyrarhynchus flavicauda* from Cyprus. (Duration: Dec. 2015 – Dec 2016)
- Study of the diet composition of the lessepsian fish *Torquigener flavimaculosus* from Cyprus. (Duration: Dec. 2015 – Dec 2016)

#### **OTHER PROFESSIONAL SERVICES**

**May 2016 - Today** **Member of the group of Experts (as a representative of the Oceanography Center of University of Cyprus) in the national Committee for the Enhancement of Marine Research, Knowledge and Innovation (ΕΘΕΓΝΩΚΑ) for decision making on the Integrated Maritime Policy Action Plan**

**2014 - today** **MC substitute in the European Information System for Alien Species, Food and Agriculture COST Action TD1209**

**2010 - 2017** Research Journal reviewer in Crustaceana Journal, Brill Publications

- 2010** Research Journal reviewer in the Journal of Sea Research, Elsevier Publications
- June 2013** Initiative in organizing a one-day conference in order to accent to the public the World's Environment Day on the 5<sup>th</sup> of June at the UCY.
- 2012 - today**
- Participating in the examining committee of more than three master thesis and comprehensive studies of postgraduate students
  - Conducting midterms and final exams
  - Organizing field trips and lab lessons for my students
  - Collaborating with other colleagues in organizing field trips
  - Supervising post-graduate students for conducting literature reviews in various subjects of Marine Biology in the frame of the department's course 'Autonomous study'
  - In the framework of Post-graduate seminars I was mainly responsible for the coordination of the seminars and to find and invite scientists to give a lecture under the specific course.
- 2002 -2009** Representative of the Union of postgraduate students of the School of Biology in various committees (Executive committee, etc).
- 2007** President of the Executive committee of the Union of the postgraduate students of the School of Biology.
- Organising of general meetings for the Union
  - Supported the views of the union to other internal and external organisations.

## PUBLICATIONS

### Peer reviewed journals

- J16** Michailidis N. & **Chartosia N.**, 2016. **New record of the Seychelles dragonet *Synchiropus sechellensis* Regan, 1908 from the Mediterranean: accidental entrance or Lessepsian immigration?** BioInvasions Records, 5: in press.
- J15** **Chartosia N.** & Michailidis N., **First confirmed presence of the Red Sea goatfish *Parupeneus forsskali* (Fourmanoir & Guézé, 1976) in Cyprus: verification of the settlement of a Mediterranean population.** Marine Biodiversity Records, 9: 33, DOI 10.1186/s41200-016-0032-7
- J14** Vassiliou V., Charalambides M, Menicou, M., **Chartosia, N.**; Tzen E., Binopoulos E., Papadopoulos P. and Loucaides A., 2015. **Aquaculture feed management system powered by renewable energy sources: Investment justification.** Aquaculture Economics & Management, 19 (4): 423-443.
- J13** E. Lefkaditou, P. Peristeraki, **N. Chartosia** and A. Salman, (2011). **Recent**

- findings of *Ommastrephes bartramii* (Cephalopoda: Ommastrephidae) in the eastern Mediterranean and the implication on its range expansion. *Medit. Mar. Sci.* 12 (2): 413-428.
- J12** Chartosia N., M.-S. Kitsos, Th. Tzomos, E. Mavromati, & A. Koukouras (2010). **Diet composition of five species of crabs (Decapoda, Brachyura) that show a gradual transition from marine to terrestrial life.** *Crustaceana*, 83 (10): 1181-1197.
- J11** Chartosia N., M.-S. Kitsos & A. Koukouras, 2010. **Seasonal diet of *Portumnus latipes* (Pennant, 1777) (Decapoda, Portunidae).** *Crustaceana*, 83 (9): 1101-1113.
- J10** Tzomos Th., N. Chartosia, M. Christodoulou & M.-S. Kitsos, 2010. **New records and range expansion of Lessepsian migrants in the Levantine and Aegean Seas.** *Marine Biodiversity Records*, Volume 2, e168, doi:10.1017/S0025315408002506.
- J9** Christodoulou M., Th. Tzomos, N. Chartosia & M.-S. Kitsos, 2009. **Decapod crustaceans new to the fauna of Cyprus.** *Marine Biodiversity Records*, 2, e168, doi:10.1017/S1755267209990911.
- J8** Chartosia N. & A. Koukouras, 2009. **Spatial and seasonal differences in the diet of *Portumnus lysianassa* (Herbst, 1796) (Decapoda, Portunidae).** *Crustaceana*, 82 (10): 1287-1306.
- J7** Vafidis D., A. Kallianiotis, N. Chartosia & A. Koukouras, 2009. **The Sepioidea (Cephalopoda, Mollusca) fauna of the Aegean Sea: comparison with the neighbouring seas and notes on their diet composition.** *Journal of Biological Research Thessaloniki*, 11: 57-71.
- J6** Vafidis D., D. Koutsoubas, N. Chartosia & A. Koukouras, 2008. **The Teuthoidea (Cephalopoda, Mollusca) fauna of the Aegean Sea: comparison with the neighbouring seas and notes on their diet composition.** *Journal of Biological Research Thessaloniki* 10: 191-205.
- J5** Chartosia N., A. Koukouras, M. Mavidis & M.-S. Kitsos, 2006: **Preliminary estimation of the factors influencing the distribution of the midlittoral crab *Portumnus lysianassa* (Herbst, 1801).** *Hydrobiologia*, 557: 97-106.
- J4** Karani I, M.-S. Kitsos, N. Chartosia & A. Koukouras, 2005. **Diet composition of the penaeid shrimp *Melicertus kerathurus* (Forskål, 1775) (Penaeidae, Decapoda) in the Aegean Sea.** *Crustaceana* 78 (4): 385-396.
- J3** Chartosia N., Th. Tzomos, M.-S. Kitsos, I. Karani, A. Tselepides & A. Koukouras, 2005. **Diet comparison of the bathyal shrimps *Aristeus antennatus* (Risso, 1816) and *Aristaeomorpha foliacea* (Risso, 1827) (Aristeidae, Decapoda) in the**

**eastern Mediterranean.** Crustaceana 78 (3): 273-284.

- J2** Anastasiadou Ch., A. Koukouras, M. Mavidis, **N. Chartosia**, Md. Mostakim, M. Christodoulou & Ch. Aslanoglou, 2004: **Morphological variation in *Atyaephyra desmarestii* (Millet, 1831) within and among populations over its geographical range.** Mediterranean Marine Science 5/2: 5 – 13.
- J1** A. Koukouras, **N. Chartosia** & E. Apostolaki, 2002: **New records of isopod crustaceans from the continental rise of the Aegean Sea.** Crustaceana, 75 (7): 915 - 924.

#### **Peer reviewed conference publications**

- C8** Menicou M., Vassiliou V., Papadakis L., **Chartosia N.**, Tzen E., Binopoulos E., Papadopoulou P., Loucaides A. **A feeding management system: The integration of a renewable energy sources system with aquaculture.** Recent Advances in Environmental Science: 270 – 275.
- C7** P. Sperandio, C. di Capua, M. Cuadrado, L. Von Fersen, M. Caros, J. A. Rosell, **N. Chartosia**, M. Muñoz, M. Vettorello, D.Gómez, N. Krasser. 2012. **GEEWHEZ (manaGEmEnt and leisure middleWare for tHemE parks and Zoo): an integrative platform for the management of a Theme and Animal Park that increases visitors´ interest during their visit.** First AESS European Conference on Satellite Telecommunications (ESTEL): 1 - 5, DOI: 10.1109/ESTEL.2012.6400120.
- C6** **Chartosia N.** & Menicou M., 2012. **Climate change and lessepsian migration: An example from the fish fauna of Cyprus.** In: Apangopoulos T (ed), Recent Researches in Energy, Environment and Sustainable Development. Energy, Environmental and Structural Engineering. Series 3. WSEAS Press, Porto, Portugal: 156–160.
- C5** Vassiliou V., Menicou, M., **Chartosia N.**, Christofi S., & Charalambides, M., 2011. **Preliminary analysis for adopting High Pressure Treatment: A simulation-based approach.** World Academy of Science, Engineering and Technology, International Journal of Biological, Biomolecular, Agricultural, Food and Biotechnological Engineering, 5(11): 817-822.
- C4** Menicou, M., Christofi S., **Chartosia N.**, Vassiliou, V., & Charalambides, M., 2011. **A Preliminary Technology Assessment Analysis for the Use of High Pressure Treatment on Halloumi Cheese.** International Conference on Industrial and Information Engineering (ICIIE 2011), Venice, Italy, November 28-30.

- C3** Tzomos T., Kirmizoglou, I., **Chartosia, N.**, Mavidis, M., Kitsos, M.S., Ateş, A.S., Özcan, T., Sezgin, M., Katağan, T., Kocataş, A. & Koukouras, A., 2007. **Decapoda Crustacea fauna gradation from Cyprus and the South Turkish coast to the Black Sea.** Rapp. Comm. int. Mer Médit., 38: 109.
- C2** **Chartosia N.**, M.-S. Kitsos, I. Karani, Th. Tzomos, A. Tselepides and A. Koukouras, 2004. **Diet comparison of the bathyal shrimps *Aristeomorpha foliacea* (Risso, 1827) and *Aristeus antennatus* (Risso, 1816) (Decapoda: Aristeidae) in the Eastern Mediterranean.** Rapp. Comm. int. Mer. Médit., 37: 332.
- C1** Koukouras A., Kitsos M.-S., Kirmizoglou I., **Chartosia N.: Development of an updating information system on Decapoda Crustacea museum collections, useful in research and education.** Vanden Berghe, E., W. Appeltans, M.J. Costello, P. Pissierssens (Eds). Proceedings of 'Ocean Biodiversity Informatics': an international conference on marine biodiversity data management Hamburg, Germany, 29 November - 1 December, 2004. Paris, UNESCO/IOC, VLIZ, BSH, 2007. vi + 192 pp. (IOC Workshop Report, 202) (VLIZ Special Publication, 37), p. 81 – 90.

#### **Book chapters**

- 2016** **Chartosia, N** & Sparrow, D.J. 2016. Decapoda (pages 533-548). In: Sparrow, D. J. & John, E. (Eds.) **An Introduction to the Wildlife of Cyprus.** Terra Cypria, Cyprus. 895 pp.

#### **Academic Book Translations in Greek (from English)**

- 2011** **Invertebrate Zoology. A functional evolutionary approach**, 2003. E.E. Ruppert, R.S. Fox & R.D. Barnes (Brooks Cole Publishers). Greek translation editor: A. Koukouras, University Studio Press, Thessaloniki, 1000 p.
- 2003** **The ecology of marine sediments**, J. S. Gray. Cambridge University Press, Cambridge. Greek translation editors: A. Koukouras & A. Eleftheriou, University Studio Press, Thessaloniki, 275 p.

#### **Book co-author**

- 2007** **Biogeography: Observation of Communities & habitats.** A. Koukouras & N. Chartosia, Aristotle University Publisher, 69 p. (in Greek).