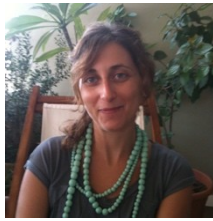


PERSONAL INFORMATION

Eugenia Apostolaki



- 📍 Hellenic Centre for Marine Research, PO Box 2214, 71003, Heraklion-Crete, Greece
- ☎ +30 2810 337714 📠 +30 6948 248685
- ✉ eapost@hcmr.gr
- 🌐 www.hcmr.gr
- 📞 +30 6948 248685

Sex F | Date of birth 23/07/1977 | Nationality Greek

WORK EXPERIENCE

- 2016 - present **Associate Researcher**
Institute of Oceanography, HCMR
- 2008 - 2016 **Post-doctoral Researcher**
Institute of Oceanography, HCMR
- 2001 - 2008 **Research Assistant**
Institute of Oceanography, HCMR

EDUCATION AND TRAINING

- 2005 - 2008 **PhD Marine Biology**
Biology Department, University of Crete, Greece
- 2002 - 2004 **MSc Management of Terrestrial and Marine Resources**
Biology Department, University of Crete, Greece
- 1996 - 2001 **BSc Biology**
Biology Department, Aristotle University of Thessaloniki, Greece

PERSONAL SKILLS

Mother tongue(s) Greek

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2 Proficient	C2 Proficient	C2 Proficient	C2 Proficient	C2 Proficient
Proficiency in English					
Italian	B2 Independent	B2 Independent	B2 Independent	B2 Independent	B2 Independent
Medio PALSO					

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 experience as Researcher

Organisational / managerial skills

- leadership (currently responsible for a team of 4 people)
- establishment of Seagrass Ecology laboratory at HCMR – Crete
- organization and participation in sampling expeditions in Greece and abroad
- member of organizing committees of national and international conferences

Job-related skills

- Participation in environmental awareness and education initiatives (e.g. World Environment Day, Researchers' Night, documentaries for national television, articles for local and national press)
- Review Editor of Aquaculture Environment Interaction (Inter-Research) since 2009 and Biodiversity (MDPI) since 2019. Reviewer in several journals, incl. Global Change Biology, Frontiers in Marine Science, Ecosystems, Marine Ecology Progress Series, Limnology and Oceanography, Biogeosciences, Science of the Total Environment.
- Evaluator for European Commission (Marie Skłodowska-Curie Individual Fellowships), the Foundation for Science and Technology of Portugal and the Qatar National Research Fund.
- Teaching experience since 2001 (under- and post-graduate courses on benthic ecology and seagrass biogeochemistry, Biology Department, University of Crete, Greece). Invited speaker in local and international summer schools and Master Programmes. Teaching in ERASMUS Plus Joint Master Degree 'Aquaculture, Environment and Society (ACES)' since 2016. Supervision of 3 graduate, 3 MSc and 1 PhD students and 3 Post-doctoral researchers and co-supervision of 2 PhD students.

Digital skills

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

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 statistical software (R, PRIMER)

Other skills

- Scientific diver

Driving licence

B

ADDITIONAL INFORMATION

Publications	<ol style="list-style-type: none"> 1. de Kock W, Hasler-Sheetal H, Holmer M, Tsapaki M, Apostolaki ET (2020) Metabolomics and traditional indicators unveil stress of a seagrass (<i>Cymodocea nodosa</i>) meadow at intermediate distance from a fish farm. Ecological Indicators 109: 105765 2. Macreadie PI, Anton A, Raven JA, Beaumont N, Connolly RM, Friess DA, Kelleway JJ, Kennedy H, Kuwae T, Lavery PS, Lovelock CE, Smale DA, Apostolaki ET, Atwood TB, Baldock J, Bianchi TS, Chmura GL, Eyre BD, Fourqurean JW, Hall-Spencer JM, Huxham M, Hendriks IE, Krause-Jensen D, Laffoley D, Luisetti T, Marbà N, Masque P, McGlathery KJ, Magonigal PJ, Murdiyarto D, Russell BD, Santos R, Serrano O, Silliman BR, Watanabe K, Duarte CM (2019) The future of Blue Carbon science Nature Communications 10: 3998 3. Apostolaki ET, Vizzini S, Santinelli S, Kaberi H, Andolina C, Papathanassiou E (2019) Exotic <i>Halophila stipulacea</i> is an introduced carbon sink for the Eastern Mediterranean Sea. Scientific Reports 9:9643 4. Anton A, Geraldini NR, Lovelock CE, Apostolaki ET, Bennett S, Cebrian J, Krause-Jensen D, Marbà N, Martinetto P, Pandolfi JM, Santana-Garcon J, and Duarte CM (2019) Global ecological impacts of marine exotic species. Nature Ecology and Evolution 3: 787–800 5. Vizzini S, Apostolaki ET, Ricevuto E, Polymenakou P, Mazzola A (2019) Plant and sediment properties in seagrass meadows from two Mediterranean CO2 vents: implications for carbon storage capacity of acidified oceans. Marine Environmental Research 134: 85-95 6. Krause-Jensen D, Serrano O, Apostolaki ET, Gregory DJ, Duarte CM (2019) Seagrass sedimentary deposits as security vaults and time capsules of the human past. Ambio 48:325–335 7. Apostolaki ET, Holmer M, Santinelli V, Karakassis I (2018) Species-specific response to sulfide intrusion in native and exotic Mediterranean seagrasses under stress. Marine Environmental Research, 134: 85-95 8. Vasileiadou K, Pavlodi C, Kalantzi I, Apostolaki ET, Chatzigeorgiou G, Chatzinikolaou E, Pafilis E, Papegeorgiou N, Fanini L, Konstantas S, Fragopoulou N, Arvanitidis C (2016) Environmental variability and heavy metal concentrations from five lagoons in the Ionian Sea (Amvrakikos Gulf, W Greece). Biodiversity Data Journal 4: e8233
--------------	---

9. Dimitriou PD, Karakassis I, Pitta P, Tsagaraki TM, **Apostolaki ET**, Magiopoulos I, Nikolioudakis N, Diliberto S, Theodorou JA, Tzovenis I, Kagalou I, Beza P, Tsapakis M (2015) Effects of mussel farming on quality indicators of the marine environment: Good benthic below poor pelagic ecological status. *Marine Pollution Bulletin*, 101: 784-793
10. Telesca L, Belluscio A, Criscoli A, Ardizzone G, **Apostolaki ET**, Frascchetti S, Gristina M, Knittweis L, Martin CS, Pergent G, Alagna A, Badalamenti F, Garofalo G, Gerakaris V, Pace ML, Pergent-Martini C, Salomidi M (2015) Seagrass meadows (*Posidonia oceanica*) distribution and trajectories of change. *Scientific Reports* 5: 12505
11. Barron C, **Apostolaki ET**, Duarte CM (2014) Dissolved organic carbon fluxes by seagrass meadows and macroalgal beds. *Frontiers in Marine Science* 1: 42.
12. **Apostolaki ET**, Vizzini S, Hendriks IE, Olsen YS (2014) Seagrass ecosystem response to long-term high CO₂ in a Mediterranean volcanic vent. *Marine Environmental Research* 99: 9-15.
13. Cabaço S, **Apostolaki ET**, García-Marín P, Gruber R, Hernández I, Martínez-Crego B, Mascaró O, Pérez P, Prathep A, Robinson C, Romero J, Schmidt AL, Short FT, van Tussenbroek BI, Santos R (2013) Effects of nutrient enrichment on seagrass population dynamics: evidence and synthesis from the biomass-density relationships. *Journal of Ecology* 101: 1552–1562.
14. Karakassis I, Dimitriou PD, Papageorgiou N, **Apostolaki ET**, Lampadariou N, Black KD (2013) Methodological considerations on the coastal and transitional benthic indicators proposed for the Water Framework Directive. *Ecological Indicators* 29: 26-33.
15. Fourqurean JW, Duarte CM, Kennedy H, Marba N, Holmer M, Mateo MA, **Apostolaki ET**, Kendrick GA, Krause-Jensen D, McGlathery KJ, Serrano O (2012) Seagrass ecosystems as a globally significant carbon stock. *Nature Geoscience* 5: 505-509.
16. Sanz-Lázaro C, Malea P, **Apostolaki ET**, Kalantzi I, Marin A, Karakassis I (2012) The role of the seagrass *Posidonia oceanica* in the cycling of trace elements. *Biogeosciences* 9: 2497–2507.
17. Dimitriou P, **Apostolaki ET**, Papageorgiou N, Reizopoulou S, Simboura N, Arvanitidis C, Karakassis I (2012) Meta-analysis of a large data set with Water Framework Directive indicators and calibration of a Benthic Quality Index at the family level. *Ecological Indicators* 20: 101-107.
18. **Apostolaki ET**, Vizzini S, Karakassis I (2012) Leaf vs. epiphyte nitrogen uptake in a nutrient enriched Mediterranean seagrass (*Posidonia oceanica*) meadow. *Aquatic Botany* 96: 58-62.
19. **Apostolaki ET**, Holmer M, Marba N, Karakassis I (2011) Reduced carbon sequestration in a Mediterranean seagrass (*Posidonia oceanica*) ecosystem impacted by fish farming. *Aquaculture Environment Interactions*, 2: 49-59.
20. Chatzigeorgiou G, Reizopoulou S, Maidanou M, Naletaki M, Orneraki E, **Apostolaki ET**, Arvanitidis C (2011). Macrobenthic community changes due to dystrophic events and freshwater inflow: Changes in space and time in a Mediterranean lagoon (Gialova lagoon, SW Greece). *Estuarine, Coastal and Shelf Science* 94: 111-121.
21. **Apostolaki ET**, Holmer M, Marba N, Karakassis I (2011) Epiphyte load and ecosystem function in a nutrient-enriched Mediterranean seagrass (*Posidonia oceanica*) meadow. *Journal of Sea Research*, 66: 135-142.
22. Duarte CM, Marba N, Gacia E, Fourqurean JW, Beggins J, Barron C, **Apostolaki ET** (2010) Seagrass community metabolism: assessing the carbon sink capacity of seagrass meadows. *Global Biogeochemical Cycles*, 24: GB4032
23. **Apostolaki ET**, Holmer M, Marba N, Karakassis I (2010) Metabolic imbalance in coastal vegetated (*Posidonia oceanica*) and unvegetated benthic ecosystems. *Ecosystems*, 13: 459-471.
24. **Apostolaki ET**, Holmer M, Marba N, Karakassis I (2010) Degrading seagrass (*Posidonia oceanica*) ecosystems: a source of dissolved matter to the Mediterranean. *Hydrobiologia*, 649: 13-23.
25. **Apostolaki ET**, Marba N, Holmer M, Karakassis I (2009) Fish farming enhances biomass and nutrient loss in *Posidonia oceanica* (L.) Delile. *Estuarine, Coastal and Shelf Science*, 81: 390-400.
26. **Apostolaki ET**, Marba N, Holmer M, Karakassis I (2009) Fish farming impact on decomposition of *Posidonia oceanica* litter. *Journal of Experimental Marine Biology and Ecology*, 369: 58-64.
27. Pitta P, Tsapakis M, **Apostolaki ET**, Tsagaraki T, Holmer M, Karakassis I (2009) 'Ghost nutrients' from fish farms are transferred up the food web by phytoplankton grazers. *Marine Ecology Progress Series*, 374: 1-6.
28. **Apostolaki ET**, Tsagkaraki T, Tsapakis M, Karakassis I (2007) Fish farming effects on Mediterranean seagrass sediments and associated macrofaunal communities. *Estuarine, Coastal and Shelf Science* 75: 408-416.
29. Pitta P, **Apostolaki ET**, Tsagkaraki T, Tsapakis M, Karakassis I (2006) Fish farming effects on chemical and microbial variables of the water column: A spatio-temporal study along the Mediterranean. *Hydrobiologia*, 563: 99-108.
30. Karakassis I, Machias A, Pitta P, Papadopoulou N, Smith CJ, **Apostolaki ET**, Giannoulaki M, Koutsoubas D, Somarakis S (2006) Cross community congruence patterns in marine ecosystems: does the part reflect the whole? *Marine Ecology Progress Series*, 310: 47-54.
31. Cook EJ, Black KD, Sayer MDJ, Cromeij CJ, Angel D, Spanier E, Tsemel A, Katz T, Eden N, Karakassis I, Tsapakis M, **Apostolaki ET**, Malej A (2006) The influence of caged mariculture on the

	<p>early development of sub-littoral fouling communities: a pan-European study. ICES Journal of Marine Science, 63: 637-649.</p> <p>32. Pitta P, Apostolaki ET, Giannoulaki M, Karakassis I (2005) Mesoscale changes in the water column in response to fish farming zones in three coastal areas in the Eastern Mediterranean Sea. Estuarine, Coastal and Shelf Science, 65: 501-512.</p> <p>33. Koukouras A, Chartosia N, Apostolaki E (2002) New records of isopod crustaceans from the continental rise of the Aegean Sea. Crustaceana, 75(7): 915-924.</p>
Conferences	Since 2001, I have presented 35 oral and/or poster presentations in international (ASLO, ECSA, MSW, ISBW, CIESM, WCMB, EMBS) and national conferences and workshops.
Honours and awards	<ul style="list-style-type: none"> • 2007: 3-month postgraduate Life-Long Learning (ERASMUS) scholarship, Mediterranean Institute for Advanced Studies (IMEDEA) / University of Balearic Islands, Palma de Mallorca, Spain. • 2004: Award for post graduate studies, State Scholarship Foundation (IKY) • 1999: 6-month undergraduate ERASMUS scholarship, University of Rome 'La Sapienza', Rome, Italy.
Memberships	<ul style="list-style-type: none"> • World Seagrass Association • Mediterranean Seagrass Association • HCMR Scientific Diving Team