

Eleni (Helen) MILIOU M.Sc., Ph.D.

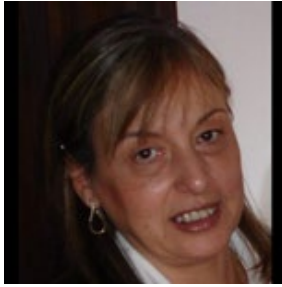
Vice Rector for the European University, Internationalization and Student Affairs

Professor

Director of Laboratory of Applied Hydrobiology

Department of Animal Science

Agricultural University of Athens



CURRICULUM VITAE

Athens

2024

I. CURRICULUM VITAE

1. PERSONAL DATA

SURNAME: **MILIOU**
NAME: **HELEN**
FATHER'S NAME: Antonios
DATE OF BIRTH: 30th May 1959
PLACE OF BIRTH: Athens
NATIONALITY: Hellenic
MARITAL STATUS: Married, 1 child
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2. EDUCATION AND TITLES

- Doctor of Philosophy, 1990, Hydrobiology – Aquaculture, Department of Biology, Faculty of Physics and Mathematics, National and Kapodistrian University of Athens.
- Master of Science, 1984, Oceanography, Faculty of Physics and Mathematics, National and Kapodistrian University of Athens.
- Diploma of Biological Sciences, 1981, Faculty of Physics and Mathematics, University of Patras.

3. AWARDS

- Honorary scholarship of the State Scholarship Foundation during three years of undergraduate studies (1978-80-81).
- 1986-1990: Specific Postgraduate Scholarship Holder, Section of Botany – Zoology, Department of Biology, Faculty of Physics and Mathematics, National and Kapodistrian University of Athens (UOA).

4. TRAINING

- Training Workshop (18-29/9/1989) on the Statistical Treatment and Interpretation of Marine Community Data (Organised by NCMR in cooperation with FAO, IOC, UNEP and the University of Athens).
- Training in different research centers abroad as Ph.D. candidate:
 1. YUGOSLAVIA (October 1987)
INSTITUT OF OCEANOGRAPHY AND FISHERIES SPLIT
 2. FRANCE (May 1987)
CENTRE D' OCEANOLOGIE DE MARSEILLE,
LABORATOIRE D' HYDROBIOLOGIE MARINE DE LUMINY
 3. ITALY (September 1988)
 - α) UNIVERITA DI TRIESTE,
INSTITUTO DI ZOOLOGIA I ANATOMIA COMPARATA
 - β) UNIVERSITA DEGLI STUDI DI PADOVA,

DIPARTAMENTI DI BIOLOGIA

4. SPAIN (April 1990)

INSTITUTO ESPANOL DE OCEANOGRAFIA
CENTRO COSTERO DE BALEARES, PALMA DE MALLORCA

5. FOREIGN LANGUAGES

- Diplôme d' études supérieures (Institut Français d' Athènes) 1978.
- First Certificate in English (University of Cambridge) 1976.

6. MEMBER OF SCIENTIFIC SOCIETIES

- Hellenic Society of Animal Science.
- Hellenic Oceanographers Association.
- Panhellenic Union of Biologists.
- Geotechnical Chamber of Greece.
- Hellenic Zoological Society.

7. SCIENTIFIC AND ACADEMIC CAREER

- 2018-today: Full Professor, Laboratory of Applied Hydrobiology, Department of Animal Science, Faculty of Animal Biosciences Agricultural University of Athens (AUA).
- 2011-2018: Associate Professor, Laboratory of Applied Hydrobiology, Department of Animal Science and Aquaculture, Agricultural University of Athens (AUA).
- 2002-2011: Assistant Professor, Laboratory of Applied Hydrobiology, Department of Animal Science and Aquaculture, Agricultural University of Athens.
- 1993-2002: Lecturer, Laboratory of Applied Hydrobiology, Department of Animal Production, Agricultural University of Athens.
- 1992-1993: Senior Researcher, National Agricultural Research Foundation (N.AG.RE.F.).
- 1990-1992: Employee in the Ministry of Agriculture, Department of Marine Aquaculture, Direction of Aquaculture and Inland Waters.

8. TEACHING EXPERIENCE

- Teaching in undergraduate courses (theoretical and laboratory part): Hydrobiology, Planktology, Benthology, Aquaculture, Production of Aquatic Animals, Nutrition of Aquatic Organisms (AUA).
- Lectures on specific issues in the frame of postgraduate studies: "Rearing of aquatic animals" (AUA), "Oceanography" (UOA), "Farm Business Management" (AUA). The last five years, lectures are focused on Integrated Maritime Policy, Blue Growth, Common Fisheries Policy, Strategic Guidelines and Priorities for Sustainable Aquaculture, Contribution of Aquaculture to Primary Production, Aquaculture Management, Quality of Aquatic Products.
- Member of the 3-member Advisory Committee for several undergraduate and postgraduate theses.
- Member of the 3-member Advisory Committee for 9 Dissertations (Ph.D.) and supervisor for 4 of them (3 in progress). Also, member of the 7-member Examining Committee for other 17 Dissertations.
- Responsible of courses in Hydrobiology-Planktology and Aquaculture offered in English to incoming students of the Erasmus programme.

- Responsible for the practical exercise (mostly for 4 months) of several AUA students.
- PowerPoint presentations (29) available in AUA e-class.

9. RESEARCH INTERESTS

- Growth, biometry, metabolism, haematology and chemical composition of aquatic animals (Osteichthyes, Crustacea and Cephalopoda).
- Physiological responses of fish to stress induced by handling and rearing conditions.
- Fatty acid composition of aquatic animals in relation to diet and environmental conditions.
- Fish nutritional requirements.
- Investigation of alternative sources of fat for fish oil replacement in aquafeeds.
- Indices for assessing and predicting fish malnutrition
- Improvement of product quality in aquaculture.
- Welfare of farmed aquatic organisms.
- Monitoring of water quality parameters.
- Toxicity effects of pollutants on aquatic animals.
- Population dynamics of certain zooplanktic (Copepoda, Rotifera) and benthic (Octopoda, Porifera) species.

10. RESEARCH PROJECTS

10.1. PARTICIPATION IN RESEARCH PROJECTS

- "Experimental study of the factors determining the variation of populations in mass aquaculture of Copepod *Tisbe holothuriae*". Funding: Ministry of Agriculture, General Directorate of Fisheries. Implementation: Department of Biology UOA (Scientific Coordinator Prof. M. Apostolopoulou). Final Technical Report 1988.
- "Study to improve the nutritional value of the Copepod *Tisbe holothuriae* used for the feeding of farmed fish". Funding: Ministry of Agriculture, General Directorate of Fisheries. Implementation: Department of Biology UOA (Scientific Coordinator Prof. M. Apostolopoulou). Final Technical Report 1989.
- "Research on the island of Kalymnos on the abundance and distribution of five commercial fish species". Funding: European Community, DG XIV - Fisheries, C1/MED91/002. Implementation: Department of Biology UOA (Scientific Coordinator Assoc. Prof. J. Kastritsi-Kathariou). Final Technical Report 1994.
- "Sponge species in the Mediterranean". Funding: European Community, DG XIV - Fisheries, C1/MED92/024. Implementation: Department of Biology UOA (Scientific Coordinator of Assoc. Prof. J. Kastritsi-Kathariou). Final Technical Report 1995.
- "Experimental Sponge Fishing in Egypt". Funding: European Community, DG XIV - Fisheries, C1/MED91/016 - Ministry of Agriculture. Implementation: Department of Biology UOA (Scientific Coordinator Assoc. Prof. J. Kastritsi-Kathariou). Final Technical Report 1995.
- "Reform of the Undergraduate Studies Program of the Department of Animal Production of the Agricultural University of Athens". Responsible of the reformed course "Hydrobiology" for digitization and posting on the website of the AUA in 2004. Scientific Coordinator Ass. Prof. St. Deligiorgis.
- "Recharging Greek Youth to Revitalize the Agricultural and Food Sector of the Greek Economy". Head of the Aquaculture Sectoral Study in 2015. Funding: Rutgers, the State University of New Jersey (Scientific Coordinator Prof. M. Kapsokefalou).

10.2. SCIENTIFIC RESPONSIBLE OF PROJECT WORK PACKAGES

- "Nutrition and growth study of common octopus, *Octopus vulgaris*, under controlled rearing conditions". Funding: PAVET 2000, 00BE407, General Secretariat for Research and Technology, Ministry of Education, Research & Religious Affairs (AUA: 5.000€). Implementation in cooperation with a research team of the Department of Biology UOA (Scientific Coordinator Prof. G. Verriopoulos). Final Technical Report 2004.
- "Massive rearing of octopus, *Octopus vulgaris*, with emphasis on the use of artificial food". Measure 4.6 (Innovative Measures) of the Operational Programme for Fisheries 2000-2006. Funding: General Directorate of Fisheries, Ministry of Rural Development and Food (AUA: 14.860€). Implementation in cooperation with a research team of the Department of Biology UOA (Scientific Coordinator Prof. G. Verriopoulos). Final Report 2008.
- "Marine angiosperm tolerance on environmental stress - MANTOLES)". Funding: Thales Project (2010)-NSRF 2007-2013 of the Ministry of Education, Research & Religious Affairs (AUA: 104.500€, Total: 535.000€). Implementation in cooperation with research teams of the Department of Biology UOA, Institute of Fisheries Research (Hellenic Agricultural Organization "Demeter") and the University of Thessaly (Scientific Coordinator Prof. A. Exadaktylos).
- "Center for the Eastern Mediterranean and Black Sea-METOR" (2017-2019). Funding: European Commission EASME/EMFF (AUA: 96.011€, Total: 689.762€). Implementation in cooperation with the School of Mechanical Engineering of the National Technical University of Athens and other partners from Bulgaria MCB, Romania CMU and Cyprus MARINEM, CCCI, UCY (Coord. Prof. G. Georgiou).
- "Integrated MultiTrophic Aquaculture for Effectiveness and Environmental Conservation - IMTA-EFFECT" (2016-2019). Funding: COFASP-ERANETS - NSRF 2014-2020, Directorate for International Cooperation R & T, General Secretariat for Research and Technology, Ministry of Education, Research & Religious Affairs (AUA: 34.545€, Total: 1.707.500€). Implementation in cooperation with the Hellenic Center for Marine Research and other partners from Romania UDJG, ROMFISH, Portugal IPMA, ALGAplus and France IFREMER, IRD, INRA (Coordinator Dr. J. Aubin).
- EU-CONEXUS: European University for Smart Urban Coastal Sustainability (2019-2022). Funding: Erasmus+, European Universities-EAC-A03-2018. Scientific responsible of WP4 "Joint Research" and member of EU-CONEXUS Academic Council. Other Partners: UNIVERSITE DE LA ROCHELLE (Coordinator), UNIVERSTATEA TEHNICA DE CONSTRUCTII BUCURESTI, KLAIPEDOS UNIVERSITETAS, FUNDACION UNIVERSIDAD CATOLICA DE VALENCIA SAN VICENTE MARTIR, SVEUCILISTE U ZADRU
- EU-CONEXUS RESEARCH FOR SOCIETY. Funding European Union Horizon 2020-2024: Science with and for Society (SwafS): Support for research and innovation dimension of European Universities. Scientific responsible of WP4: Research Infrastructures & Resources. Funding: HORIZON 2020 (AUA: 278.550,00€, Total: 992.960,00€). EU-CONEXUS partners.
- EU-CONEXUS Plus (2022-2026). Scientific responsible of WP7 "Research to Education" and member of EU-CONEXUS Academic Council and Research Council. EU-CONEXUS partners.
- ERASMUS MUNDUS Joint Master in Marine Biotechnology (2022-2026) in the frame of EU-CONEXUS.

10.3. COORDINATOR OF RESEARCH PROJECTS

- "Organic aquaculture - Prospects for development". Funding: Operational Programme for Fisheries 2000-2006, Ministry of Rural Development and Food (AUA: 66.000 €). Final Report 2008.

- "Sustainable fishmeal development for seabass: study of effects on the growth and chemical composition of fish". Funding: BioMar Hellenic ABEEI (AUA: 5.000€). Final Report 2014.
- "Replacement of fish oil in aquafeeds for sea bream and sea bass with alternative fat sources". Funding: COOPERATION 2011 (NSRF 2007-2013), General Secretariat for Research and Technology, Ministry of Education and Religious Affairs (AUA: 399.000€, Total: 639.600€). Partners: Department of Pharmacology of the Medical School of UOA, BIOMAR and ABOTIS. Final Deliverables 2015.
- "Modernization, equipment and certification of the Laboratory of Applied Hydrobiology of the Agricultural University of Athens for the control of quality and safety of aquatic products". Funding: MEASURE 3.1. - Collective Actions, Priority Axis 3 - Measures of Common Interest, Operational Programme for Fisheries 2007-2013, Ministry of Rural Development and Food (AUA: 350.000€). Final Deliverables 2016.
- "Use of discards in Greek seas for the production of fish oil and its use for experimental rearing of sea bream and sea bass". Funding: MEASURE 3.5. - Pilot Projects, Priority Axis 3 - Measures of Public Interest, Operational Programme for Fisheries 2007-2013, Ministry of Rural Development and Food (AUA: 250.000€). Final Deliverables 2016.
- Development and comparison of methods for detection and quantification of phytoestrogens in fish feed raw materials, fish feed and Mediterranean farmed fish species – EstroFish (2019-2023). Funding: General Secretariat for Research and Technology (NSRF 2014-2020).
- Detection of fish authenticity and adulteration in Greek market using molecular identification tools - FISH MID (2019-2023). Funding: Operational Programme for Fisheries and Sea 2014-2020.

11. ADMINISTRATIVE EXPERIENCE

- Member of the Council of Agricultural University of Athens (2013 - 2017).
- Director of Laboratory of Applied Hydrobiology of Agricultural University of Athens since 2010.
- Director of the Postgraduate Program of Studies "Rearing of Aquatic Organizations" in the years 2012-2014 and member of the Coordination Committee (2001-2014).
- Member of the Special Inter-Departmental Committee and the Coordination Committee of the Inter-Departmental Program of Postgraduate Studies "Farm Business Management" since the academic year 2014-2015 to 2017-2018, as well as in the re-established program with the same title (July of 2018).
- Member of the Research Committee of the Special Research Funds Account of AUA (2017-2018).
- Director of the Quality System according to ELOT EN ISO / IEC 17025 applied to the Laboratory of Applied Hydrobiology since 2016 and supervised by the National Accreditation System (Certificate No. 1072).
- Full or alternate member of the Committee for tendering or commissioning or evaluating the follow-up, receipt of supplies or services related to the Laboratory of Applied Hydrobiology with decisions of the AUA Administration every year since 1994 (recent decision 53 / 8-1-2018).
- Member of Committees for the receipt of supplies - services and deliverables as well as for conducting competitions - assignments in the framework of research programs (Special Research Funds Account of AUA).
- Representative of the Department of Animal Production at the AUA Senate during the academic year 2000-2001.
- Responsible of the Dimakopoulos Building (Department of Animal Science and

Aquaculture) by decision of the AUA Rectorate Council (Session 08-03-2011).

- Member of various Committees of the Department of Animal Science and Aquaculture, e.g. participation in Committees for the reform of the Program of Studies, classification of graduates from Universities and Technological Educational Institutes, bioethics, preparation of reports for the Department's activities, internal – external evaluation and the organization of educational excursions. In the current period, participation in the Internet Committee by decision (59th/29.05.2018) of the Department of Animal Science and Aquaculture.
- Member in several Elective Bodies (E.B.) for filling position, promotion or tenure of academic teaching and research staff of AUA and other centers of higher education. According to the current legislation, full member in six E.B. (11 members), participating in the 3-member Advisory Committee in two of them. Under previous legislation, full member in five 7-member E.B. (evaluation report for three of them) and earlier in eight 3-member Advisory Committees of E.B. (15-30 members).

12. REVIEWING

- Peer reviewer of manuscripts submitted for publication in the journals of the Hellenic Zootechnic Society and the Hellenic Veterinary Society, as well as in the following international journals:
 1. Archives of Environmental Contamination and Toxicology
 2. Aquaculture
 3. Aquaculture Research
 4. Caspian Journal of Applied Sciences Research
 5. Environmental Pollution
 6. International Journal of Marine Science
 7. Journal of Agricultural and Food Chemistry
 8. Journal of Biological Research-Thessaloniki (JBR)
 9. Journal of Food Processing and Preservation
 10. Journal of the World Aquaculture Society
 11. Regional Studies in Marine Science
 12. Toxicological & Environmental Chemistry
 13. Turkish Journal of Veterinary and Animal Sciences

13. Other activities

- Member of the National Aquaculture Council from 2016.
- Member of Steering Committee of the Annex in Eastern Central Greece of the Geotechnical Chamber of Greece (2001-2011).
- Member of the Committees on the Agricultural Studies of the Council for the Recognition of Higher Education Qualifications (S.A.E.I.) of the Ministry of National Education and Religious Affairs (2003-2005).
- Member of the evaluation committee for a teaching book written the course "Aquaculture" taught in Technological and Professional Lyceums of Animal Production. Educational Institute (2003-2004).
- Book evaluation in the framework of project Kallipos "Hellenic Academic Electronic Book" (2014).
- Member of the Scientific Authority for CITES species native flora and wildlife (2004) of the Ministry of Rural Development and Food.
- Participation in the selection and progress evaluation of research projects funded by the General Secretariat for Research and Technology, as well as the Ministry of Education of Greece, in the frame NSRF 2000-2006.
- Member of the Planning Team for the Operational Programme for Fisheries 2007-

2013 and the National Strategic Plan for Fisheries 2007-2013 of the Ministry of Rural Development and Food.

- Member of the Advisory Committee for the approval of investment projects in various measures of Fisheries, Aquaculture, Processing and Marketing under the Fisheries Operational Programme 2000-2006 & 2007-2013 (Ministry of Rural Development and Food).
- Evaluation of proposals for the support of postgraduate students, doctoral candidates and young researchers submitted to different calls of the State Scholarship Foundation, the Hellenic Foundation for Research and Innovation, and the Ministry of Education in the frame of NSRF 2014-2020.
- Member of the Insurance Fund for Professional Geotechnicals participating in the Board during 2007-2012.
- Member of the Hellenic Technological Platform for Aquaculture participating in the Board during 2017-2018.
- Chairman of the Organizing Committee of the International Congress "Animal Health and Welfare of Productive Animals" held in Athens by the Geotechnical Chamber of Greece and the Scientific Committee on Health and Welfare of the European Food Safety Authority on 29/3 and 30/3 of 2006.
- Member of the Organizing Committee for 2 Workshops, organization of one Workshop and member of the Scientific Committee of eight Conferences.
- Mobility through research programs involving European partners, such as recently:
 - Olhão, Portugal: Modelisation Workshop WP3 - IMTA-Effect 23/01/2017 - 27/01/2017, Aquaculture Research Station in Olhão (EPPO).
 - Varna, Bulgaria: Blue Career Fair & MENTOR Consortium Meeting 31/1/2018-2/2/2018, Marine Cluster Bulgaria (MCB).

14. Presentations in Workshops

1. Presentation titled "Aquaculture Products" at the Workshop "Food Quality and Safety" on 31-01-2007 in Athens.
2. Presentation titled "The toxicity of heavy metals to aquatic organisms" at the Workshop: "Asopos: An Open Environmental Wound - Present and Future" on 21-04-2010 in Athens.
3. Presentation of the objectives and measures of the Priority Axis 2 (Aquaculture - Inland Fisheries - Processing and Marketing of Fishery and Aquaculture Products) of the Operational Program for Fisheries 2007-2013 of the Ministry of Rural Development and Food at the Workshop organized by the Management Authority of Operational Programme for Fisheries in the frame of the international exhibition "Aquapartners" in Athens on 16-7-2007.
4. Presentation titled "Differentiation to new aquaculture species. Fish welfare in farms" at the meeting organized by the Directorate-General for Fisheries of the European Parliament's Committee on Fisheries on 12 and 13 April 2007.
5. Presentation (10-12-2015) of the sectoral study on aquaculture at the Conference held under the program "Recharging Greek Youth to Revitalize the Agricultural and Food Sector of the Greek Economy", which is being developed with the collaboration of the Agricultural University of Athens and the American Farm School of Thessaloniki and sponsored by the Stavros Niarchos Foundation (SNF) through Rutgers University.
6. Presentation (31-2-2018) entitled "Knowledge and skills for jobs in Aquaculture sector" at Blue Career Fair organized in Varna, Bulgaria, in the framework of the European project "Blue Career Center of Eastern Mediterranean and Black Sea (MENTOR)".

II. LIST OF PUBLICATIONS

A. PUBLICATIONS IN PEER-REVIEWED JOURNALS

*Corresponding author

- A1. Verriopoulos, G., Moraitou - Apostolopoulou, M. & **Milliou, E.**, 1987. Combined toxicity of four toxicants (Cu, Cr, Oil, Oil Dispersant) to *Artemia salina*. *Bulletin of Environmental Contamination and Toxicology* 38(3), 483-490.
DOI: 10.1007/BF01606618.
- A2. Verriopoulos, G., **Milliou, E.** & Moraitou - Apostolopoulou, M., 1988. Joint effects of four pollutants (copper, chromium, oil, oil dispersant) on the respiration of *Artemia*. *Archiv für Hydrobiologie* 112(3), 475-480.
- A3. **Miliou, H.*** & Moraitou - Apostolopoulou, M., 1991. Combined effects of temperature and salinity on the population dynamics of *Tisbe holothuriae* Humes (Copepoda: Harpacticoida). *Archiv für Hydrobiologie* 121(4), 431-448.
- A4. **Miliou, H.*** & Moraitou - Apostolopoulou, M., 1991. Variations of respiratory rate of *Tisbe holothuriae* Humes (Copepoda: Harpacticoida) in relation to temperature, salinity and food type. *Comparative Biochemistry and Physiology A* 100(1), 169-174. DOI: 10.1016/0300-9629(91)90202-N.
- A5. **Miliou, H.*** & Moraitou - Apostolopoulou, M., 1991. Elementary chemical composition of *Tisbe holothuriae* Humes (Copepoda: Harpacticoida) as influenced by temperature, salinity and food type. *Comparative Biochemistry and Physiology A* 100(2), 371-376. DOI: 10.1016/0300-9629(91)90486-V.
- A6. **Miliou, H.*** & Moraitou - Apostolopoulou, M., 1991. Effects of seven different diets on the population dynamics of laboratory cultured *Tisbe holothuriae* Humes (Copepoda: Harpacticoida). *Helgoländer Meeresuntersuchungen* 45 (3), 345-356.
DOI: 10.1007/BF02365524.
- A7. **Miliou, H.***, 1992. Effects of light (photoperiod, spectral composition) on the population dynamics of *Tisbe holothuriae* Humes (Copepoda: Harpacticoida). *Hydrobiologia* 232(3), 201-209. DOI: 10.1007/BF00013705.
- A8. **Miliou, H.***, Moraitou - Apostolopoulou, M. & Argyridou, M., 1992. Biochemical composition of *Tisbe holothuriae* (Copepoda: Harpacticoida) and its differentiation in relation to developmental stages. *Ophelia* 36(2), 159-166.
DOI: 10.1080/00785326.1992.10430366.
- A9. **Miliou, H.***, 1993. Temperature, salinity and light induced variations on larval survival and sex ratio of *Tisbe holothuriae* Humes (Copepoda: Harpacticoida). *Journal of Experimental Marine Biology and Ecology* 173(1), 95-109.
DOI: 10.1016/0022-0981(93)90209-7.
- A10. **Miliou, H.***, 1996. The effect of temperature, salinity and diet on final size of female *Tisbe holothuriae* (Copepoda: Harpacticoida). *Crustaceana* 69(6), 742-754. DOI: 10.1163/156854096X00763.
- A11. Kapisris, K., **Miliou, H.** & Moraitou - Apostolopoulou, M., 1997. Effects of formaldehyde preservation on biometrical characters, biomass and biochemical composition of *Acartia clausi* (Copepoda, Calanoida). *Helgoländer Meeresuntersuchungen* 51(1), 95-106.
DOI: 10.1007/BF02908757.
- A12. **Miliou, H.*** & Papoutsoglou, S.E., 1997. Blue tilapia *Oreochromis aureus* (Steindachner) carcass composition and hematology in relation to the female parent size under recirculated water conditions. *Aquaculture Research* 28(8), 629-634. DOI: 10.1111/j.1365-2109.1997.tb01083.x
- A13. **Miliou, H.***, Zaboukas, N. & Moraitou - Apostolopoulou, M., 1998. Biochemical composition, growth and survival of the guppy, *Poecilia reticulata*, during chronic sublethal exposure to cadmium. *Archives of Environmental Contamination and*

- Toxicology* 35(1), 58-63. DOI: 10.1007/s002449900349.
- A14. Papoutsoglou, S.E., **Miliou, H.**, Chadio, S., Karakatsouli, N. & Zarkada, A., 1999. Studies on stress responses and recovery from removal in gilthead sea bream *Sparus aurata* (L.) using recirculated seawater system. *Aquacultural Engineering* 21(1), 19-32. DOI: 10.1016/S0144-8609(99)00021-7.
- A15. Papoutsoglou, S.E., Mylonakis, G., **Miliou, H.**, Karakatsouli, N.P. & Chadio, S., 2000. Effects of background color on growth performances and physiological responses of scaled carp (*Cyprinus carpio* L.) reared in a closed circulated system. *Aquacultural Engineering* 22(4), 309-318. DOI: 10.1016/S0144-8609(00)00056-X.
- A16. **Miliou, H.***, Verriopoulos, G., Maroulis, D., Bouloukos, D. & Moraitou - Apostolopoulou, M., 2000. Influence of life-history adaptations on the fidelity of laboratory bioassays for the impact of heavy metals (Co²⁺ and Cr⁶⁺) on tolerance and population dynamics of *Tisbe holothuriae*. *Marine Pollution Bulletin* 40(4), 352-359. DOI: 10.1016/S0025-326X(99)00221-0.
- A17. Papoutsoglou, S.E., **Miliou, H.**, Karakatsouli, N.P., Tzitzinakis, M. & Chadio, S., 2001. Growth and physiological changes in scaled carp and blue tilapia under behavioral stress in mono- and polyculture rearing using a recirculated water system. *Aquaculture International* 9(6), 509-518. DOI: 10.1023/A.
- A18. Dimitriou, P., Castritsi – Catharios, J. & **Miliou, H.**, 2003. Acute toxicity effects of tributyltin chloride and triphenyltin chloride on gilthead seabream, *Sparus aurata* L., embryos. *Ecotoxicology and Environmental Safety* 54(1), 30-35. DOI: 10.1016/S0147-6513(02)00008-8.
- A19. Kefalas, E., Castritsi – Catharios, J. & **Miliou, H.**, 2003. Bacteria associated with the sponge *Spongia officinalis* as indicators of contamination. *Ecological Indicators* 2(4), 339-343. DOI: 10.1016/S1470-160X(03)00002-5.
- A20. Kefalas, E., Castritsi – Catharios, J. & **Miliou, H.**, 2003. The impacts of scallop dredging on sponge assemblages in the Gulf of Kalloni (Aegean Sea, northeastern Mediterranean). *ICES Journal of Marine Science* 60(2), 402-410. DOI: 10.1016/S1054-3139(03)00012-2.
- A21. Kavadias, S., Castritsi – Catharios, J., Dessypris, A. & **Miliou, H.**, 2004. Seasonal variation in steroid hormones and blood parameters in cage-farmed European sea bass (*Dicentrarchus labrax* L.). *Journal of Applied Ichthyology* 20(1), 58-63. DOI: 10.1111/j.1439-0426.2004.00497.x.
- A22. Katsanevakis, S., Stephanopoulou, S., **Miliou, H.**, Moraitou – Apostolopoulou, M. & Verriopoulos, G., 2005. Oxygen consumption and ammonia excretion of *Octopus vulgaris* (Cephalopoda) in relation to body mass and temperature. *Marine Biology* 146(4), 725-732. DOI: 10.1007/s00227-004-1473-9.
- A23. Katsanevakis, S., Protopapas, N., **Miliou, H.** & Verriopoulos, G., 2005. Effect of temperature on specific dynamic action in the common octopus, *Octopus vulgaris* (Cephalopoda). *Marine Biology* 146(4), 733-738. DOI: 10.1007/s00227-004-1476-6.
- A24. Castritsi – Catharios, J., **Miliou, H.** & Pantelis, J., 2005. Experimental sponge fishery in Egypt during recovery from sponge disease. *Aquatic conservation: Marine and Freshwater Ecosystems* 15(2), 109-116. DOI: 10.1002/aqc.658.
- A25. **Miliou, H.***, Fintikaki, M., Kountouris, T. & Verriopoulos, G., 2005. Combined effects of temperature and body weight on growth and protein utilization of the common octopus, *Octopus vulgaris*. *Aquaculture* 249(1-4), 245-256. DOI: 10.1016/j.aquaculture.2005.03.038.
- A26. **Miliou, H.***, Fintikaki, M., Tzitzinakis, M., Kountouris, T. & Verriopoulos, G., 2006. Fatty acid composition of the common octopus, *Octopus vulgaris*, in relation to rearing temperature and body weight. *Aquaculture* 256(1-4), 311-322. DOI: 10.1016/j.aquaculture.2006.02.050.
- A27. Zamboukas, N., **Miliou, H.**, Megalofonou, P. & Moraitou – Apostolopoulou, M., 2006. Biochemical composition of the Atlantic bonito *Sarda sarda* from the

- Aegean Sea (eastern Mediterranean Sea) in different stages of sexual maturity. *Journal of Fish Biology* 69(2), 347-362.
DOI: 10.1111/j.1095-8649.2006.01090.x.
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