

Elena Mente

Department of Ichthyology & Aquatic Environment
School of Agricultural Sciences
University of Thessaly
384 46 N. Ionia, Volos
Greece

Tel. : +30-242-109-3176

Fax : +30-242-109-3157

E-mail : emente@uth.gr

Education

- 1987-1991 Fisheries School of Technology - Agriculture, Diploma in Fish Culture (M. A.). Greece
1991-1995 Aristotelion University of Thessaloniki, Thessaloniki, Greece. Degree (Ptychio) in Animal Production (Five Year Study).
1995-1999 University of Aberdeen, UK. Ph.D. in Science.

Undergoing projects

- 2008-2013 Framework Programme, AQUA-TNET, Socrates Thematic Network for Aquaculture, Fisheries and Aquatic Resource Management.
2009-2012 VOCATIONAL AQUALABS, European Commission, Education and Culture DG, Lifelong learning Programme, Leonardo da Vinci-Transfer of Innovation.
2006-2009 Fisheries management at the Pagasitikos Bay. EPAL 2000-2006 Fisheries. Ministry of Rural Development and Food.
2006-2008 Ecology, reproduction and population dynamics of *Nephrops norvegicus*, at the Pagasitikos bay. Ministry of Education. Co-ordinator.
2006-2009 Organic aquaculture of sea bream: a pilot study. EPAL 2000-2006 Fisheries. Ministry of Rural Development and Food. Co-ordinator.

Professional experience

- 2004 - Assistant Professor, Dept. of Dept. of Ichthyology & Aquatic Environment, University of Thessaly, Greece.
2004 - Honorary Research Fellow, University of Aberdeen, UK
2000 - 2004 Post doctoral Researcher, Department of Zoology, University of Aberdeen, UK and Department of Agriculture, Aristotelion University of Thessaloniki, Greece.
1995-1999 Tutor in Department of Zoology, University of Aberdeen, UK.
1992-1995 University Officer, (European projects manager), Aristotelion University of Thessaloniki, Greece.

Recent conferences

- Mente, E., Karapanagiotidis, I.T. and Davidson, I. (2009). Protein turnover and amino acid flux in decapod crustacean *Nephrops norvegicus*. International Crustacean Society Conference, Japan 20-24 September.
Rotllant, G., Gisbert, E., Karapanagiotidis, I.T. and Mente, E., (2009). The use of inert diets *Nephrops norvegicus* feeding assessed by digestive enzyme activities. International Crustacean Society Conference, Japan 20-24 September.
Tsoukala, A., Meziti, A., Kormas, K. Mente, E., and Neofitou, C. (2008). Bacterial community in the gut of *N. norvegicus*. International Symposium on Fish Nutrition and Feeding, Florianopolis, SC, Brazil, 1-5 June.

- Mente, E., Karapanagiotidis, I., Badidos, S., Stratakos, A., and Neofitou, N. (2008). Organic aquaculture for quality sea bream production. International Symposium on Fish Nutrition and Feeding, Florianopolis, SC, Brazil, 1-5 June.
- Vlachos, N., Mente, E., Hotos, G.N., Kormas, K., Psafakis, P. Tzoganis, K. and Neofitou, C. (2008). Effect of food supply on the growth rate of the *Pterophyllum scalare* Angelfish in aquariums. AquaMedit 2008, 4^o Διεθνές Συνέδριο Υδατοκαλλιεργειών, Αλιευτική Τεχνολογίας και Περιβαλλοντικής Διαχείρισης, 21 – 22 Νοεμβρίου.
- Meziti A., Ramette A., Mente E., Amann R., Kormas, K. (2008). Microbial communities associated with the gut of Norway lobster *Nephrops norvegicus*. Gordon research conferences, Marine Microbes, II Ciocco Lucca Barga, Italy 13-18 July.
- Mente, E., Karapanagiotidis, I., Logothetis, P., Vafidis, D. Exadactylos, A., Malandrakis, M., and Neofitou, N. (2008). Reproductive biology of wild *N. norvegicus* in the Pagasitikos gulf in Greece. Aquaculture Europe, Krakow, Poland 15-18- September.
- Mente, E. Klaoudatos, S., Govaris, A., and Neofitou, C. (2006). Organic sea bream production: a pilot study. "AQUA 2006", World and European Aquaculture Society, Florence, Italy, May 9-13.
- Mente, E. (2005). Biological-ecological aquaculture in Europe and Greece. Trends and prospects. International Fisheries Conference, Athens, Greece, 29-30th June.
- Mente, E. Pierce, G.J., Spencer, N., Martin, J. & Santos, B., (2005). Dietary components of commercially valuable demersal fish species in relation to aquaculture development in Scottish sea lochs. World Aquaculture 2005, Bali, Indonesia, 9-13th May.
- Santos, M.B. Pierce, G.J., López, A., Martínez, J.A., Fernández, M.T., Ieno, E., Mente, E., Porteiro & Meixide, M., (2005). Variability in the diet of common dolphins (*Delphinus delphis*) in Galician waters 1991-2003 and relationship with prey abundance. 19th annual Conference of the European Cetacean Society, La Rochelle, France, 2-7th April.
- Santos, M.B., Pierce G.J, López A, Martínez, J.A., Fernández, M.T., Ieno, E., Mente, E., Porteiro, C., Carrera, P. and Meixide, M. (2004). Variability in the diet of common dolphins (*Delphinus delphis*) in Galician waters 1991-2003 and relationship with prey abundance. Session Q: Recent Advances in the Oceanography and Biology of the Iberian Waters and Adjacent Shelf Seas. ICES, Vigo, Spain, 21-27th September.
- Pierce, G.J., Santos, M.B., Learmonth, J.A., Mente, E. & Stowasser, G. (2004). Methods for dietary studies on marine mammals. CIESM Workshop on Understanding the role of cetaceans in the marine ecosystem. Venice, Italy, 28-31th January.
- Mente, E., Pierce, G.J., Santos, M.B., Neofitou, C. and Houlihan, D.F. (2004). The effect of fish feed and feeding on the marine aquatic environment: a review for the European aquaculture. 11th International Symposium on Nutrition and Feeding in Fish, Phuket Island, Thailand, 2-7th May.
- Mente, E., Theodossiou, I. and Neofitou, C. (2004). Socio-economic sustainability and aquaculture development. Aquaculture 2004 - World Aquaculture Society, Honolulu, Hawaii, 1-5th March. Chair of the session.
- Mente, E., Schmidt, K., Atkinson, A., McClelland, J.W., Montoya, J. P. and Voss, M. (2004). Factors determining $\delta^{15}\text{N}$ values of pelagic consumers. Aquaculture 2004-World Aquaculture Society, Honolulu, Hawaii, 1-5th March.

Recent publications

- Mente, E., Karapanagiotidis, I.T., Logothetis, P., Vafidis, D., Malandrakis, E.E., Neofitou, N., Exadactylos, A. and Stratakos, A. (2009). The reproductive cycle of Norway lobster (*Nephrops norvegicus*). Journal of Zoology, 278:324-332.
- Mente, E., Pierce, G.J., Spencer, N., Martin, J.C., Karapanagiotidis, I.T., Santos, M.B., Wang, J. and Neofitou, C. (2008). Diet of demersal fish species in relation to aquaculture development in Scottish sea lochs. Aquaculture. 277: 263-274.
- Mente, E. Pierce, G.J., Santos, M.B. and Neofitou (2006). The effect of fish feed and feeding on the marine aquatic environment: a review for the European aquaculture. Aquaculture International. 14 (5): 499-522.

- Santos, B., Pierce, G.J., López, A., Reid, R.J., Ridoux, V., Mente, E. (2006). Pygmy sperm whales *Kogia breviceps* in the Northeast Atlantic: new information on stomach contents and strandings. *Marine Mammal Science*, 22(3): 600-616.
- Mente, E. (2005). Protein nutrition in crustaceans. *CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources*. No. 043:1-7.
- McCausland, W.D., Mente, E., Pierce, G.J. and Theodossiou, I. (2005). A simulation model of sustainability of coastal communities: aquaculture, fishing, environment and labour markets. *Ecological Modelling*. 193: 271-294.
- Schmidt, K., McClelland, J.W, Mente, E., Montoya, J. P, Atkinson, A. and Voss, M. (2004). Trophic level interpretation based on $\delta^{15}\text{N}$ values: the implications of tissue-specific fractionation and amino acid composition. *Marine Ecology Progress Series*, 266: 43-58.
- Mente, E. Deguara, S., Santos, M.B. and Houlihan D.F. (2003). White muscle free amino acid concentrations following feeding a maize gluten dietary protein in Atlantic salmon (*Salmo salar* L.). *Aquaculture*, 225: 133-147.
- Mente, E., Legeay, A., Houlihan, D.F. and Massabuau, J.C. (2003). Influence of oxygen partial pressures on protein synthesis in feeding crabs *Carcinus maenas*. *American Journal of Physiology: Regulatory, Integrative and Comparative Physiology*, 284: 500-510.
- Mente, E., Houlihan, D.F. Coutteau, P. and Sorgeloos, P. (2002). The effect of dietary protein source on amino acids profile of juvenile shrimp *Penaeus vannamei*. *Journal of Experimental Biology*, 205:3107-3122.
- Mente, E., Houlihan and Smith, K. (2001). Growth, feeding frequency, protein turnover, and amino acid metabolism in European lobster *Homarus gammarus*. *Journal of Experimental Zoology*, 289 (7): 419-432.
- Santos, M.B., Pierce, G.J. Herman, J., Lopez, A., Guerra, A., Mente, E. and Clarke, M. R. (2001). Feeding ecology of Cuvier's beaked whale (*Ziphius cavirostris*): a review with new information on diet of this species in the NE Atlantic. *Journal of the Marine Biological Association of the United Kingdom*, 81: 687-694.