

## George KATSELIS, Professor

University of Patras  
Dep. Animal production, Fishery & Aquaculture  
Lab. Hydrobiology and Fishery management  
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### Education

1996: PhD on Fish biology, University of Patras  
1991: Degree of Biology, University of Patras

### Professional experience

2019-: Professor, University of Patras  
2015-2019: Professor, TEI Western Greece  
2013-2015: Associate professor, TEI of Western Greece  
2009-2013: Associate professor, TEI of Mesolonghi  
2003-2009: Assistant professor, TEI of Mesolonghi  
1998-2003: postdoctoral Researcher  
1991-1996: Researcher

### Research Interest

Biology and ecology of aquatic animals  
Exploitation and management of coastal resources  
Marine conservation and marine protected areas  
Bio-economical Models and risk analysis

### Statistical and others skills:

Experimental design  
Time series analysis  
Uni-multivariate analyses (PCA, Cluster analysis, Discriminant Analysis)  
Statistical tests (ANOVA, ANCOVA, MANOVA)  
Linear and nonlinear regression  
Analysis of qualitative and quantitative data using statistic analysis packages  
GIS packages (Arcview, QGIS)  
Advanced knowledge in construction projects using ecological models, inventory management (FISAT-Elefan).  
Excellent knowledge of operating systems as well as fluency in programming languages BASIC and C + +.  
Advanced experience in using the key word processors, graphics packages, photo editing and spreadsheets.  
Ability to manage websites for general use.

### Publications in international peer reviewed journals (\* SCI)

- G. Minos, **G. Katselis**, P. Kaspiris and I. Ondrias (1994). The differential increase of the morphometrical characters during the growth of the grey mullets, *Liza ramada* (Risso) and *Liza saliens* (Risso) in Mesolongi-Etoliko lagoon. *Bios (Macedonia, Greece)* 2:149-154.
- G. Katselis**, G. Minos, A. Marmagas, G. Hotos and I. Ondrias (1994). Seasonal distribution of Mugilidae fry and juveniles in Messolonghi coastal waters, Western Greece. *Bios (Macedonia, Greece)* 2:101-108.
- (\*) G. Minos, **G. Katselis**, P. Kaspiris, I. Ondrias (1995). Comparison of the change in morphological pattern during the growth in length of the grey mullets *Liza ramada* and *Liza saliens* from western Greece. *Fisheries research*, 23:143-155.
- (\*) G. Minos, **G. Katselis**, I. Ondrias and I.J. Harrison (2002). Use of the melanophore patterns on the ventral side of the head in the identification of fry of grey mullets (teleostei: Mugilidae). *The Israeli Journal of Aquaculture-Bamidgeh*. 54(1):12-26
- (\*) **Katselis G.**, Koutsikopoulos C., Kaspiris P. (2002). Age determination and growth of leaping grey mullet (*Liza saliens* R.) from the Messolonghi Etoliko lagoon (western Greece). *Mediterranean Marine Science* 2(3): 147-158.
- (\*) **Katselis G.**, C. Koutsikopoulos, E. Dimitriou, I. Rogdakis (2003). Spatial and temporal trends in the composition of the fish barriers fisheries production of the Mesolonghi-Etoliko lagoon (western Greek coast). *Scientia Marina* 67 (4): 501-511.
- (\*) Tzanos, E., E., Dimitriou, **G., Katselis**, M., Georgiadis, & C., Koutsikopoulos (2005). Composition, temporal dynamics and regional characteristics of small-scale fisheries in Greece. *Fisheries Research*, 73: 147-158
- (\*) **Katselis G.**, C. Koutsikopoulos, I. Rogdakis, E. Dimitriou, Lachanas A., Vidalis, K. (2005). A model to estimate the annual production of roes (*avgotaracho*) of flathead mullet (*Mugil cephalus*) based on the spawning migration of species. *Fisheries research* 75:138-148
- (\*) Tserpes, G., Peristeraki, P., Moutopoulos D., **Katselis, G.** and Koutsikopoulos C. (2006). Study of swordfish fishing dynamics in the eastern Mediterranean by means of machine-learning approaches. *Fisheries research* 78:196-202.

- Katselis, G.,** Hotos, G., Minos, G., and Vidalis, K. (2006). Phenotypic affinities on fry of four Mediterranean grey mullet species. *Turkey Journal of fisheries and aquatic sciences*, 6:49-55.
- (\*)Chrisafi, E., Kaspiris, P. and **G. Katselis** (2007). Feeding habits of sand smelt (*Atherina boyeri*, Risso 1810) in the Trichonis Lake (Western Greece). *Journal of Applied Ichthyology*, 23: 209-214.
- (\*)Dimitriou, E., **Katselis, G.**, Moutopoulos, D., Akovitiotis C., C. Koutsikopoulos (2007). Possible influence of reared gilthead sea bream (*Sparus aurata*, L.) on wild stocks in the area of the Messolonghi lagoon (Ionian Sea, Greece). *Aquaculture Research*, 38:398-408.
- (\*)**Katselis, G.,** K., Koukou, E., Dimitriou, C. Koutsikopoulos (2007). Short-term seaward fish migration in the Messolonghi-Etoliko Lagoons (western Greek coast) in relation to climatic variables and the lunar cycle. *Estuarine, Coastal and Shelf Science*, 73:571-582.
- (\*) S. Zompola, **G. Katselis**, C. Koutsikopoulos, Y. Cladas (2008). Temporal patterns of glass eel migration (*Anguilla anguilla* L. 1758) in relation to environmental factors in the Western Greek inland waters. *Estuarine, Coastal and Shelf Science*, 80:330-338
- (\*) Rogdakis Y., A. Ramfos', K. Koukou , E. Dimitriou, **G. Katselis** (2010). Feeding habits and trophic level of sea bass (*Dicentrarchus labrax*) in the Messolonghi-Etoliko lagoons complex (Western Greece). *Journal of Biological Research*, 13, 13-26.
- Katselis G.,** Koukou K., Moutopoulos D. (2010). Yield per recruit and spawning stock biomass models for the management of four Mugilidae species in Mesolonghi –Aitoliko lagoon (W. Greece). *Int Aquat Res* 2: 155-162
- (\*) A. Imsiridou' G. Minos A. Gakopoulou, V. Katsares, T. Karidas, **G. Katselis** (2011). Discrimination of two picarel species *Spicara flexuosa* and *Spicara maena* (Pisces: Centranchidae) based on mitochondrial DNA sequences. *Journal of fish Biology*, 78(1):373-377
- Rogdakis Y., Koukou, K., Ramfos A., Dimitriou E., **G. Katselis** (2011). Comparative morphology of wild, farmed and hatchery-released gilthead sea bream (*Sparus aurata*) in western Greece. *International Journal of Fisheries and Aquaculture*, 3 (1), 1-9.
- (\*) G., Hotos, G., **Katselis** (2011). Age and growth of the golden grey mullet *Liza aurata* (actinopterygii: Mugiliformes: mugilidae), in the Messolonghi-etoliko lagoon and the adjacent gulf of Patraikos, Western Greece. *Acta Ichthyologica et Piscatoria*, 41 (3): 147–157
- (\*) Moutopoulos D.K., Koukou K., Vavarouta V., Ramfos A., **Katselis G.** (2011). Investigation of length-weight relationships for 10 commercial fish species as a possible trophic state index of coastal lagoons. *Acta Adriatica*, 52(2) 261-268.
- (\*) Ramfos A., Gazis A., **Katselis G.** (2012). Development and evaluation of an automated digital image analysis software for obtaining seagrass leaf metrics. *Botanica Marina* 55:601-610.
- (\*) Moutopoulos D.K., Ramfos A., Mouka A. **Katselis G.** 2013. Length-weight relationships of 34 species caught by small scale fishery in Korinthiakos gulf (Central Greece). *Acta Ichthyologica et Piscatoria* 43(1): 57-64
- (\*) Minos, G., A. Imsiridou, **G. Katselis** 2013. Use of morphological differences for the identification of two picarel species *Spicara flexuosa* and *Spicara maena* (Pisces: Centranchidae). *Medit. Mar. Sci.*, 14/3 *SPECIAL ISSUE* , 26-3.
- (\*) **Katselis G.** Dimitrios K. Moutopoulos, Evagelos N. Dimitriou, C. Koutsikopoulos 2013. Long-term changes of fisheries landings in enclosed gulf lagoons (Amvrakikos gulf, W Greece): Influences of fishing and other human impacts. *Estuarine, Coastal and Shelf Science* 131: 31-40
- (\*) Moutopoulos, D. K., **G. Katselis**, K. Kios, A. Tsotskou, A. C. Tsikliras, K. I. Stergiou (2013). Estimation and reconstruction of shore-based recreational angling fisheries catches in the Greek Seas (1950-2010). *Journal of Biological Research*, 20: 376–381
- Moutopoulos, D.K., Ramfos, A., Moukas, C., **Katselis, G.** (2014). Description of a daily fishing activity from a small-scale fisherman in Central Greece (Korinthiakos Gulf). *International Aquatic Research*, 6(2): 1-9.
- (\*) **Katselis G.,** Koukou K., Ramfos A., Moutopoulos D.K. (2015) Sex-specific daily spawning seaward migration of striped mullet (*Mugil cephalus*) in a coastal lagoon. *Journal of fish biology* 87,274-285
- Zubia Masood, Rehana Yasmeen, **Katselis George**, Omer Mukhtar Tarar, Lakht-e-Zehra, MD.Yeaminn Hossain, Mohammad SameeHaider (2015). Comparative survey of morphometric and meristic studies of four mullet species of family Mugilidae from Pakistan in relation to total body length. *Indian Journal of Geo-Marine Sciences*, 44(4).
- (\*) Vlahos N., Vasilopoulos M., Mente E., Hotos G., **Katselis G.**, Vidalis K. (2015). Yolk-sac larval development of the substrate-brooding cichlid *Archocentrus nigrocasciatus* in relation to temperature. *Integrative Zoology*, 10, 497–504
- (\*) D. Tsotsios, I. Tzovenis, **G. Katselis**, S. P Geiger, J. A Theodorou. 2016. Spat Settlement of the Smooth Scallop *Flexopecten glaber* (Linnaeus, 1758) and Variegated Scallop *Chlamys varia* (Linnaeus, 1758) in Amvrakikos Gulf, Ionian Sea (Northwestern Greece), *Journal of Shellfish Research*, 35;2, 467-474
- Dimitriou E., **Katselis G.,** Moutopoulos D.K., Milios K., Malamis A., Koutsikopoulos C. 2016. Description of the processing stages of a Protected Designation of Origin Fish Product: The Greek Caviar “Avgotaracho Messolongiou” *Agricultural Economics Review* 17(1):50-61
- (\*) G. Mancinelli, P. Chainho, L.a Cilenti, S. Falco, K.s Kaspiris, **G. Katselis**, F. Ribeiro, 2017. The Atlantic blue crab *Callinectes sapidus* in southern European coastal waters: Distribution, impact and prospective invasion management strategies. *Marine Pollution Bulletin* <http://dx.doi.org/10.1016/j.marpolbul.2017.02.050>
- (\*) G. Mancinelli, P. Chainho, L.a Cilenti, S. Falco, K. Kaspiris, **G. Katselis**, F. Ribeiro, 2017. On the Atlantic blue crab (*Callinectes sapidus* Rathbun 1896) in southern European coastal waters: Time to turn a threat into a resource? *Fisheries Research*, 194,1-8.
- (\*) DK Moutopoulos, E Dimitriou, **G Katselis**, C Koutsikopoulos 2017. Typology of illegal fishing in transitional waters: Fisheries infringement records from Mesolonghi-Etolikon lagoons (Ionian Sea, Greece). *Ocean & Coastal Management*, 141,20-28
- (\*) J. A Theodorou, R. James, D. Tagalis, I. Tzovenis, C. Hellio, **G. Katselis**. 2017. Density and size structure of the endangered fan mussel *Pinna nobilis* (Linnaeus 1758), in the shallow water zone of Maliakos Gulf, Greece. *Acta Adriatica* 58;1.
- (\*)Karna S.K., **G. N. Katselis**, and L.A. Jawa. 2018. Length–weight relations of 24 fish species (Actinopterygii) from Hirakud reservoir, Odisha state of India. *Acta Ichthyologica et Piscatoria*, 48 (1): 83–86. DOI: 10.3750/AIEP/02259
- (\*) Theodorou, J.A., Leech, B.-S., Perdikaris, C., Hellio, C., Katselis, G. 2019. Performance of the cultured mediterranean mussel *Mytilus galloprovincialis* (Lamarck 1819) after summer post-harvest re-immersion. *Turkish Journal of Fisheries and Aquatic Sciences*, 19, (3):221-229, DOI: 10.4194/1303-2712-v19\_03\_05

## Books- books chapters

- E.T. Koutrakis, A. Conides, A.C. Parpoura, E.H. van Ham, **G. Katselis** and C. Koutsikopoulos (2007). Lagoon fisheries' resources in Hellas. In: C Papaconstantinou, A Zenetos, V Vassilopoulou, G Tserpes (eds), State of Hellenic Fisheries, pp. p. 223-232. Hellenic Centre for Marine Research, Athens 466 pp.
- Katselis G.** and C. Koutsikopoulos 2017. Chapter 13: The establishment of blue crab *Callinectes sapidus* Rathbun, 1896 in the lagoon Pogonitsa (Amvrakikos gulf, western Greece). In Trends in Fisheries and Aquatic Animal, Ed. Verelis P., Bentham ebooks imprint, 296-303
- Theodorou A, E. Dimitriou, **G. Katselis** 2018. Chapter 6. The crisis management of Amvrakikos Gulf (W.Greece) massive fish mortality: Lessons learned from the handling of a 950 tons dead farmed fish biomass. In: Global Change in Marine Systems: Societal and Governing Responses, (eds) **P. Guillotreau, A. Bundy, R. I. Perry**, Routledge 2018.
- Tsolakos, K., **G. Katselis**, JA Theodorou 2019. Massive Molluscan Shell Accumulation on the Sea Side of Land Strips of Amvrakikos Gulf Lagoon Complex (NW Greece) (p75-78). In: *Exploring the Nexus of Geoecology, Geography, Geoarcheology and Geotourism: Advances and Applications for Sustainable Development in Environmental Sciences and Agroforestry Research*. Eds: H. Chenchouni, E. Errami, F. Rocha, L. Sabato. Springer Nature Switzerland, pp 112, doi.org/10.1007/978-3-030-01683-8, ISBN 978-3-030-01682-1.

## International conferences

- Rogdakis Y., Koutra I, **Katselis, G.** & Aggelis, I. (2002). Validation of the empiric criteria of recognition of populations of wild gilthead sea bream and enrichment. *1<sup>st</sup> international congress on Aquaculture, fisheries technology and environmental management. Athens, 8/6-10/6/2002.*
- Katselis G., Y. Rogdakis, H. Gnardelis, M. Makou, D. Soulatzou and D. Marnari** (2002).The development of growth and feeding models in the cages culture of three species (*S. aurata, D. labrax and P. puntazzo*) in Ionian Sea (W. Greece). *Aquaculture Europe 2002 Trieste, Italy, October 16-19, 2002.*
- P. Peristeraki, G. Tserpes, C. Koutsikopoulos, **G. Katselis** and A. Kallianiotis (2003). Length and Weight conversion equations for bluefin tuna from the eastern Mediterranean Sea. *Col. Vol. Sci. Pap. ICCAT, 55(1):* 91-93
- E. Tzanatos, Y. Vlatsiotis, L. Papacharisis, **G. Katselis**, E. Dimitriou, C. Koutsikopoulos (2004). Typology of Greek small-scale fisheries based on social, economical and biological elements. *37th CIESM Congress, Barcelona, Spain, June 2004*
- D. Moutopoulos, **G. Katselis**, A. Kentrou, C. Koutsikopoulos (2007). Possible changes in fishery exploitation pattern in Ionian sea lagoons. *Rapp. Comm. int. Mer Médit., 38.*
- G. Katselis**, E. Dimitriou, E. Koutrakis, Y. Cladas and C. Koutsikopoulos (2007). Interactions between lagoon fisheries and other coastal activities in Greece. 1<sup>st</sup> lagunet and 3<sup>rd</sup> European conference on lagoon research, Naples 19-23 Nov 2007, 139.
- Ramfos, A., Georgakakis, I., Dimitriou, D., Koutsikopoulos C., **Katselis G.** (2007). Analysis of high frequency water temperature records in Mesolonghi -Etoliko Lagoons (Western Greece). 1<sup>st</sup> lagunet and 3<sup>rd</sup> European conference on lagoon research, Naples 19-23 Nov 2007, 92.
- Ramfos, A., K. Koukou, **Katselis G.** (2008). SarPeCalc software: A tool for economic assess of the long-day photoperiod application in gilthead seabream in cages. *Proc. 4<sup>th</sup> aquamedit 2008, 21-22/11/2010, Athens, 7 pp.*
- Imsiridou, A., G. Minos, A. Gakopoulou, V. Katsares, T. Karidas & **G. Katselis** (2009). Discrimination of two picarel species *Spicara flexuosa* and *Spicara maena* (Pisces: Centranchthidae) based on mitochondrial DNA sequences. 13<sup>th</sup> congress on ichthyology, 17.
- Tzoumas, A., Ramfos, A., De Metrio, G., Corriero, A., Spinos, E., Vavassis, C., and **Katselis G.** (2009). Weight growth of Atlantic bluefin tuna (*Thunnus thynnus*, L. 1758) as a result of a 6-7 months fattening process in central Mediterranean. ICCAT, SCRS Species Group meeting. October 2009, Madrid – Spain
- Katselis G., Koukou K. and Moutopoulos D.** (2010). Yield per recruit and Spawning stock biomass models for the management of four Mugilidae species in Mesolonghi –Aitoliko lagoon (W. Greece). *Proc. 5<sup>th</sup> aquamedit 2010, 25-27/11/2010, Mesologhi, 9 pp.*
- Katselis G., Moutopoulos D., Miglis G., Ganiaridis V., Ramfos A.** (2010). Population dynamic and management potential of Mediterranean mud shrimp (*Upogebia pusilla*) in Mesolonghi –Aitoliko lagoon (W. Greece). *Proc. 5<sup>th</sup> aquamedit 2010, 25-27/11/2010, Mesologhi, 7 pp.*
- Ramfos A., Gazis A., **Katselis G.** (2010). Enumeration of organisms and biometrics estimation: A new digital-image analysis method and its applications. *Proc. 5<sup>th</sup> aquamedit 2010, 25-27/11/2010, Mesologhi, 7 pp*
- Ramfos A., Tzoumas A., Alaveras P., **Katselis G.** (2011). Pilot study of a dual camera system for the determination of size of Atlantic bluefin tuna (*Thunnus thynnus*, L. 1758) during caging. ICCAT, SCRS Species Group meeting. October 2011, Madrid – Spain.
- Koutsikopoulos C., Dimitriou E., Moutopoulos D.K., **Katselis G.** (2013). Efficiency and consequences of the existing protection context of the Hellenic lagoons. VI Eurolag & VII Lagunet Conference: “Coastal Lagoon Domain and Properties: from fundamental research to policy implementation”. 16-19/12/2013, Lecce.
- Petrou C., **Katselis G.** (2014). Temporal chances of the technical and spatial features of aquaculture farms in Greece and Turkey. *HydroMedit 2014, Volos, November, 13-15*
- Moutopoulos, D.K., Dimitriou, E., Dimitriou, N., **Katselis, G., Mantzouni, I., Spala, K., Koutsikopoulos, C.** (2016). Barrier trap selectivity improvement for the management of coastal lagoons: Case study from an Eastern Mediterranean lagoon. Pp. 108. In K. Brownlie, Tim tkin, Marleen Roelofs, Pierre-Francois Baisnée, Karim Erzini, Marina Cunha, Adelino Canario,

Tim Deprez (Eds) 2016. Second Mares Conference on Marine Ecosystems Health and Conservation, 1-5 February 2016, Real Marina Hotel and Spa, Olhão, Portugal. Abstract book. 163p ISBN 9789461973559

- Choremi C., **Katselis G**, Nathanailides C., Vidalis K. 2016 The use of morfometric characters as a diagnostic tool for the origin of wild and cultured gilthead seabream (*sparus aurata*) in selling spots. HydroMediT 2016 - Book of Proceedings (ed. M.Chatziefstathiou) ISBN: 978-618-80242-3-6, ISSN: 2529-1246, pp 244-247
- Katselis, G.** Dimitriou, E., Moutopoulos, D.K., Dimitriou, N., Koutsikopoulos, C 2016. Technical changes in barrier trap selectivity for the management of coastal lagoons. HydroMediT 2016 - Book of Proceedings (ed. M.Chatziefstathiou) ISBN: 978-618-80242-3-6, ISSN: 2529-1246, pp290-295
- Katselis G.**, Koutsikopoulos C. 2016. The establishment of blue crab *Callinectes sapidus* Rathbun, 1896 in the lagoon Pogonitsa (Amvrakikos gulf, western Greece). HydroMediT 2016 - Book of Proceedings (ed. M.Chatziefstathiou) ISBN: 978-618-80242-3-6, ISSN: 2529-1246, pp529-531
- Katselis G.**, Kladas J. 2016. Analysis of the low frequency and high landing events in Papas lagoon (western Greece). HydroMediT 2016 - Book of Proceedings (ed. M.Chatziefstathiou) ISBN: 978-618-80242-3-6, ISSN: 2529-1246, pp 306-309
- Mancinelli G., Chainho P., Cilenti L., Falco S., Kapiris K., **Katselis G.**, Ribeiro F. 2016. On the Atlantic blue crab (*Callinectes sapidus* rathbun 1896) in southern European coastal waters: time to turn a threat into a resource? HydroMediT 2016 - Book of Proceedings (ed. M.Chatziefstathiou) ISBN: 978-618-80242-3-6, ISSN: 2529-1246, pp280-284
- Dimitriou E., Koutsikopoulos C., **Katselis G.**, Moutopoulos D.K., Ramfos A., Panaretos K.2016. Design & implementation of selective fish traps with adjustable openings improving the fisheries exploitation of greek lagoons. HydroMediT 2016 - Book of Proceedings (ed. M.Chatziefstathiou) ISBN: 978-618-80242-3-6, ISSN: 2529-1246,p377
- Koutsikopoulos C., **G. Katselis**, A. Machias, D. Mparelos, I. Tsirogiannis 2016. Identification, consequences and management of the anoxic zone of Amvrakikos gulf (nw Greece). HydroMediT 2016 - Book of Proceedings (ed. M.Chatziefstathiou) ISBN: 978-618-80242-3-6, ISSN: 2529-1246, p378
- Cladas Y., Koutsikopoulos K., Mpekiari V., **Katselis G.** (2018): Short-term prediction of hypoxia effects on the aquatic animals of the Papas lagoon (Western Greece), based on the Hydrological and the Meteorological records. HydroMedit 2018 3<sup>rd</sup> International Congress on Applied Ichthyology & Aquatic Environment. Volos, 8-11 Nov 2018
- Kapantagakis A., **Katselis G.**, Petra E., Tsagkatakis P., Vlahos N. (2018):The fresqo project: automatic recognition of freshness. HydroMedit 2018 3<sup>rd</sup> International Congress on Applied Ichthyology & Aquatic Environment, Volos, 8-11 Nov 2018
- Katselis G.**, Ramfos A., Koutsikopoulos C., Moutopoulos D.K. (2018): Seasonal appearance and abundance of young stages of commercial important species in Amvrakikos Gulf Lagoons. HydroMedit 2018 3<sup>rd</sup> International Congress on Applied Ichthyology & Aquatic Environment. Volos, 8-11 Nov 2018
- Moutopoulos D.K., Mantzavrakos E.Sp., Ramfos A., **Katselis G.** (2018): Human-made system, Human-induced Ichthyofauna (Bramianos reservoir, Crete). HydroMedit 2018 3<sup>rd</sup> International Congress on Applied Ichthyology & Aquatic Environment. Volos, 8-11 Nov 2018
- Plakia V., Mantzouni I., **Katselis G.**, Stergiou K.I., Moutopoulos D.K. (2018): Early enhancing subsidies in Pre-Wars Greek fisheries. HydroMedit 2018 3<sup>rd</sup> International Congress on Applied Ichthyology & Aquatic Environment. Volos, 8-11 Nov 2018
- Spinou E., Ramfos A., Poulos K., Bakopoulos V., Palaiologos A., **Katselis G.** (2018): Microbiological study in aquaculture farms of Argostoli Gulf. HydroMedit 2018 3<sup>rd</sup> International Congress on Applied Ichthyology & Aquatic Environment. Volos, 8-11 Nov 2018
- Theodorou J.A., Makri – Seremeti M., Moutopoulos D.K., Ramfos A., Douvi X., **Katselis G.** (2018):Commercialization of the rayed pearl oyster *Pinctada imbricate radiata* (Leach 1814) with the creation of high value – added products. HydroMedit 2018 3<sup>rd</sup> International Congress on Applied Ichthyology & Aquatic Environment. Volos, 8-11 Nov 2018
- Tsolakos K., Theodorou A.J., **Katselis G.** (2018): Mass Shell accumulation analysis in the sand strips of Amvrakikos Gulf lagoons (NW Greece). HydroMedit 2018 3<sup>rd</sup> International Congress on Applied Ichthyology & Aquatic Environment. Volos, 8-11 Nov 2018
- Vlahos N., Petra E., Antzoulatos G., Seferis K., Kakalettris G., **Katselis G.**, Mente E. (2018): Using Bluebridge collaborative cloud environment as a learning tool for student education in aquaculture. HydroMedit 2018 3<sup>rd</sup> International Congress on Applied Ichthyology & Aquatic Environment. Volos, 8-11 Nov 2018

#### Selective Greek conferences (peer reviewed)

- S. Zompola, Y. Cladas, **G. Katselis**, G. Ioannou & C. Koutsikopoulos (2007). Seasonal appearance and upstream migration pattern of glass eel (*Anguilla anguilla* L. 1758) along the western Greek coast . 13th National Ichthyologist conference (273-277)
- Spala, **G. Katselis**, E.Dimitriou, C. Koutsikopoulos(2007). The timing of the traditional barrier trap fishing activities related to the daily tidal cycle in Klisova lagoon. 13th National Ichthyologist conference (269-273).
- E. Spinou, **G. Katselis**, C. Koutsikopoulos, N. Fragopoulou (2007). Spatial and temporal variation of the hydrological characteristics of Koutavos lagoon (Kefalonia island, Ionian sea). 13th National Ichthyologist conference (507-511).
- Koukou K., Karras P., Makou M., Vorinakis F., Vidalis K., Koutsikopoulos C., **Katselis G.**(2007). The effect of the intensity of additional light on the onset of maturity and somatic growth in gilthead sea bream (*Sparus aurata*) reared in production cages. 13th National Ichthyologist conference (287-291).
- G. Katselis**, A. Ramfos, I. Georgakakis, E. Dimitriou, C.Koutsikopoulos (2007). Temporal variation of air and water temperature in the Messolonghi-Etoliko lagoon complex. 13th National Ichthyologist conference (499-503).

- G. Katselis**, A. Ramfos K. Koukou, Ch. Gnardellis (2008). Morphological variation of Mugilidae family (pisces) scales in Mesolonghi -Aitoliko lagoons. *Data Analysis Bulletin* 9/08:119-130
- Koukou K., Ramfos a., Koutsikopoulos C., **Katselis G.**, (2009). A model to assess the annual temperature cycle and stock timing effects on growth of rearing *Sparus aurata* in cages. 9<sup>th</sup> Panellin Symposium Oceanogr & Fish. 2:1135-1140
- Moutopoulos D.K., Ramfos A., Spala K., Christodoulou V., **Katselis G.**, Koutsikopoulos C. (2009). Length frequency distributions for the most commercial fish species for the small-scale fishery in Patraikos and Korinthiakos gulfs. 9<sup>th</sup> Panellin Symposium Oceanogr & Fish. 2:828-833
- Moutopoulos D.K., Ramfos A., Spala K., Koutsikopoulos C., **Katselis G.** (2009). Long-term changes of fisheries landing patterns of most important species in Amvrakikos lagoonal system. 9<sup>th</sup> Panellin Symposium Oceanogr & Fish. 2:995-1000
- Ramfos A., Spinos E., vavasis Ch., Simotas G., Katselis G. (2009). Study of *Posidonia oceanica* (L.) delile meadows in the gulf of Argostoli (Kefalonia, Greece). 9<sup>th</sup> Panellin Symposium Oceanogr & Fish. 1:561-566
- Ramfos A., Miglis G., Dimitriadis G., Avramidis P., **Katselis G.** (2009). Bology of decapod *Uogebia pusilla* (petagna, 1792) in coastal zone of Messolonghi-Aitoliko lagoon complex (Westrern greece).9<sup>th</sup> Panellin Symposium Oceanogr & Fish. 1:601-606
- Ramfos A., Moutopoulos D., Mouka A., **Katselis G.**, Koutsikopoulos K. (2009). Identification of fishing strategy of small-scale fishery in Korinthiakos gulf: preliminary results. 9<sup>th</sup> Panellin Symposium Oceanogr & Fish. 2:983-988
- Vogiatzis M., Rokkos P., **Katselis G.**, Ramfos A. (2009). Study of *Cymodocea nodosa* (ucria) ascherson meadows in Mesolonghi-Aitoliko lagoon complex. 9<sup>th</sup> Panellin Symposium Oceanogr & Fish. 1:584-589.

## Research Projects (selection)

### Responsible Scientist

- Study on weather effect on the seaward fish migration from Mesolonghi-Aitoliko lagoon. (Financing by TEI Mesologhi, Period 2005-2007)
- Apply of photoperiodic protocol in cages rearing gilthead sea bream in order to reduce the reproductive maturation (Financing by MYTIKAS SA AQUACULTURE, Period 2005-2007)
- Social-economic features of fishermen in the Cyclades Islands (Financing by University of Patras, Period 2005-2007)
- Substrate mapping of cages farm site in the north East Corfu (Period 2013)
- Study on abiotic and biotic characteristics of candidate site of organized development aquaculture in Oxia island (period 2013).
- Study on abiotic and biotic characteristics of candidate site of organized development aquaculture in Argostoli Gulf (period 2013-14).
- Study on abiotic and biotic characteristics of candidate site of organized development aquaculture in Amvrakikos Gulf (period 2014-15).
- Study on abiotic and biotic characteristics of candidate site of organized development aquaculture in Toroneos Gulf (period 2014-15).
- Study on abiotic and biotic characteristics of candidate site of organized development aquaculture in West Saronikos Gulf (period 2015-16).
- Implication of the anoxic zone of Amvrkikos Gulf in fisheries and management. Financing by “European Economic Area” (period 2015-2016)

### Member of Scientific Research Team

- Aquaculture in Protected areas NATURA 2000. INTEREGG III. (period 2007-2008).
- Fishing activity in Korinthiakos and Patraikos Gulf: present state and future. Financing by Operational Program “Fisheries 2007-2013” . (period 2006-2008).
- Fishing activity in Amvakikos Gulf: present state and future. Financing by Operational Program “Fisheries 2007-2013”. (period 2006-2008).
- Study on fish fauna in dam lakes and stream of lower part of Achelous. Financing by Public Power Corporation SA. (period 2008-2009).
- Study on the anthropogenic impacts and climatic changes on Mesologhi-Aitoliko lagoons. Financing by Mesolonghi-Etoliko lagoons national park management body (period 2008-2009).
- Monitoring of ecotopes and species protected by directive 92/43 in national park of Mesolonghi-Etoliko lagoons. Financing by Mesolonghi-Etoliko lagoons national park management body (period 2012-2014).
- Monitoring of ecotopes and species protected by directive 92/43 in national park of Kotichi-Strofilia. Financing by Kotichi-Strofilia national park management body (period 2013-2015).
- Construction and management of new selective lagoon fishtraps for the escapement of undersized fishes to the coastal zone and production of fish products with quality marks. Financing by Operational Program “Fisheries 2007-2013”. (period 2013-2015).