


PERSONAL INFORMATION

Konstantinos Tsagarakis



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Sex Male | Date of birth 07/07/1979 | Nationality Greek

WORK EXPERIENCE

May 2018 - present

Associate Researcher

Hellenic Centre for Marine Research (HCMR), 46.7 km Athinon Souniou, Anavyssos, P.O. Box 712, P.C. 19013, Greece, www.hcmr.gr, <http://imbrwv.hcmr.gr/en/>

- Participation in EU and Greek research projects related to fisheries biology, acoustics, discards, ecosystem modelling. Field surveys, data analysis, drafting of deliverables and reports, coordination of tasks/WPs in research projects. Submitting proposals for EU and national funding

Public Research Institute

October 2011 - January 2018

Research scientist, Fisheries Biologist

HCMR, 46.7 km Athinon Souniou, Anavyssos, P.O. Box 712, P.C. 19013, Greece, www.hcmr.gr, <http://imbrwv.hcmr.gr/en/>

- Participation in EU and Greek research projects related to fisheries biology, acoustics, discards, ecosystem modelling. Field surveys, data analysis, drafting of deliverables and reports, coordination of tasks/WPs in research projects. Submitting proposals for EU and national funding

Public Research Institute

April 2006 - April 2010

PhD fellow, Fisheries Biologist

HCMR, PO Box 2214, 71003, Heraklion-Crete, Greece, www.hcmr.gr, <http://imbrwv.hcmr.gr/en/>

- Participation in EU and Greek research projects related to fisheries acoustics and habitat modelling. Acoustic surveying and data analysis for the estimation of pelagic fish biomass off the Greek coast and exploring schooling behaviour.

Public Research Institute

EDUCATION AND TRAINING

April 2006 - October 2011

Ph.D. Marine Biology

EQF level 8

University of Crete (Biology Department) and HCMR (Institute of Marine Biological Resources), Greece

- small pelagics fisheries biology research (fish behaviour, ecology and ecosystem modelling)

October 2003 - October 2005

MSc Marine Biology

EQF level 7

University of Crete (Biology Department), Greece

- courses related to marine biology, fisheries biology, ecology, statistics
- commercial trawl fisheries sampling, ichthyology, fisheries data analysis, multivariate statistics

October 1998 - September 2003

BSc Biology

EQF level 6

National and Kapodistrian University of Athens (Biology Department), Greece

- courses related to biology (marine biology, aquaculture, zoology, botany, ecology, genetics, etc)

ADDITIONAL INFORMATION

Projects

Coordinator, HCMR Scientific responsible and/or WP/Task responsible:

- 2020-2021. MedBLand: -"Synthesis of the landing obligation measures and discard rates for the Mediterranean and the Black Sea". EASME/EMFF/2019/1.3.2.6/ SI2.835464.

- 2020-2021. "HellasFish Project; Stage 1-Mapping". Marine Stewardship Council, MAVA Foundation, A.G. Leventis Foundation.
- 2018-2021. MesoBED: MESOpelagic fish: Biology, Ecological role and Distribution of a disregarded trophic link. GSRT-ELIDEK. Scientific Responsible.
- 2015-2018. PROTOMEDEA: Towards the establishment of Marine Protected Area Networks in the Eastern Mediterranean. DG MARE (2015-2018). Task responsible.
- 2014-2015. DISCATCH: Pilot project on catch and discard composition including solutions for limitation and possible elimination of unwanted by-catches in trawl net fisheries in the Mediterranean. DG MARE (2013-2015). Task responsible.
- 2014-2015. ECODISC: Ecosystem effects of fisheries discards. National funded project. Project manager
- 2014. LANDMED: Implications of the implementation of the Landings Obligations provisions in small pelagic fisheries in Mediterranean. DG MARE (2014). WP responsible, HCMR coordinator.

Participant (selected):

- 2021-2025. "SEAwise" Shaping ecosystem based fisheries management. EU, HORIZON 2020, Grant agreement ID: 101000318; Funded under H2020-EU.3.2.3.1
- 2018-2022. "VIOAXIOPIO" Exploiting Fish By-Products. Ministry of Economy and Development, <http://www.vioaxiopoio.gr/en/>.
- 2018-2021. "ANATHALLOI" Development of management tools for marine and lake ecosystems. Ministry of Economy and Development, <https://hcmr-imbrw.wixsite.com/anathalloi>.
- 2015-2019: "MINOUW: Science, Technology, and Society Initiative to minimize Unwanted Catches in European Fisheries". EU, HORIZON 2020.
- 2014-2015. "Creation of an ecosystem based fisheries model for the management of the Volvi lake". National project.
- 2012-2015: "PERSEUS: Policy-oriented marine Environmental Research in the Southern European Seas", (FP7, Grant agreement no: 287600)
- 2012: "MEDISEH: Mediterranean Sensitive Habitats" MAREA: Mediterranean hAlieutic Resources Evaluation and Advice. EU project
- 2007-2010: "SARDONE: Improving assessment and management of small pelagic species in the Mediterranean, (FP6)"
- 2007-2008: " EnviEFH: Environmental Approach to Essential Fish Habitat Designation".
- 2007-2008: "Study of the state of the marine environment of Palaiochora aiming for the sustainable management of fishery resources", Greek Ministry of Agriculture.
- 2007 – 2008: "Study for the sustainable management of Messara gulf", Greek Ministry of Agriculture
- 2006-2008: "Comparison of the main anchovy stock population features between two areas (Greece: Aegean Sea) and (Montenegro: Adriatic)."
- 2006-2007: "Small pelagic: Improvement of in year management of small pelagic fish in Aegean Sea. Study EU-DG XIV, Project FISH/2004/03-35"
- 2005: "INNOMAR: Innovative methods for the sustainable management of marine biological resources. Innovative Actions ERDF 2000-2006. INNOMAR"
- 2004-2006, 2008, 2012-13: "Data collection programme", EU, Greek Ministry of Agriculture.

Seminars / Training courses

- Capacity building training for Greek Scientists on the MSC Fisheries Programme, Standard & Tools. HellasFish Project, January 2022 (online)
- Echoview training workshop. Myriax, (instructor: Toby Jarvis). Capo Granitola, Sicily, 8-9 April 2013
- Training Course: Stock Assessment (Introduction) (TCSAI), ICES, Copenhagen, Denmark, July 2012
- Training Course in Ecosystem Modelling for Fisheries Management, ICES, Copenhagen, Denmark, March 2011
- Integrating biogeochemical processes and fish dynamics in food web models for end-to-end conceptualization of marine ecosystems. Theory and use of Ecopath with Ecosim, by V. Christensen, Trieste, Italy, November 2007
- Theory and application of "Ecopath with Ecosim" modeling software, by M. Coll, Heraklion, Greece, November 2006
- Ecosystem based management, by T. Pitcher, Heraklion, Greece, April 2005
- Hydroacoustic applications in Fisheries Science, Hellenic Network for Marine Technology and Development, Heraklion, Greece, October 2004

Theses

- **Tsagarakis, K.**, 2011. Factors affecting the variability of small pelagic fish schools and exploration of their role in the ecosystem using ecological models. PhD Thesis. University of Crete, Department of Biology and Institute of Marine Biological Resources HCMR, Supervisor: Prof. I. Karakassis

Publications in Peer-Reviewed Journals

- **Tsagarakis, K.**, 2005. Changes in community metrics of trawl fishery discards. MSc thesis. University of Crete, Department of Biology and HCMR Institute of Marine Biological Resources. Supervisors: Dr. A. Machias, Prof. I. Karakassis
- **Tsagarakis, K.**, 2002. Systematics and Creation of Photographic Atlas for Meso-zooplanktonic Organisms. Undergraduate thesis. National and Kapodistrian University of Athens, Department of Biology, Section of Zoology and Marine Biology. Supervisor: Prof. G. Verriopoulos.
- Dimarchopoulou D., **Tsagarakis K.**, Sylaios G., Tsikliras A.C., 2022. Ecosystem trophic structure and fishing effort simulations of a major fishing ground in the northeastern Mediterranean Sea (Thermaikos Gulf). *Estuarine Coastal Shelf Science* 264, 107667. doi: 10.1016/j.ecss.2021.107667
- Petriki O., Moutopoulos D. K., **Tsagarakis K.**, Tsonki I., Papantoniou G., Mantzouni I., Barbieri R., Stoumboudi M., 2021. Assessing ecosystem trade-offs and fisheries-induced effects on the largest Greek lake (Lake Trichonis). *Water* 13, 3329. doi: 10.3390/w132333299
- Papantoniou G., Giannoulaki M., Stoumboudi M. Th., Lefkaditou E., **Tsagarakis K.**, 2021. Food web interactions in a human dominated Mediterranean coastal ecosystem. *Marine Environmental Research*, 172, 105507. doi: 10.1016/j.marenvres.2021.105507
- Leonori I., Ticina V., Giannoulaki M., Hattab T., Iglesias M., Bonanno A., Constantini I., Canduci G., Machias A., Ventero A., Somarakis S., **Tsagarakis K.**, Bogner D., Barra M., Basilone G., Genovese S., Juretic T., Gasparevic D., De Felice A., 2021. The history of acoustic surveys in the Mediterranean Sea. *Mediterranean Marine Science* 22, 751-768. doi: 10.12681/mms.26001
- **Tsagarakis K.**, Siapatis A., Badouvas N. 2021. First record of *Bathophilus nigerrimus* Giglioli, 1882 in the Greek Seas. In: Tsagarakis et al., 2021. New records of rare species in the Mediterranean Sea (October 2021). *Mediterranean Marine Science* 22, 627-652. doi: 10.12681/mms.26669
- Despoti, S., Stergiou K.I., Machias A., Vassilopoulou V., **Tsagarakis K.**, Valavanis V., Adamidou A., Giannoulaki M., 2021. Assessing the spatial distribution of five non-commercial fish species in the Aegean Sea (Greece, eastern Mediterranean Sea) based on discards data. *Regional Studies in Marine Science* 44, 101736. doi: 10.1016/j.rsma.2021.101736
- **Tsagarakis, K.**, Panigada S., Machias A., Giannoulaki M., Foutsis A., Pierantonio N., Paximadis G., 2021. Trophic interactions in the "small pelagic fish - dolphins - fisheries" triangle: Outputs of a modelling approach in the North Aegean Sea (Eastern Mediterranean, Greece). *Ocean & Coastal Management* 204, 105474. doi: 10.1016/j.ocecoaman.2020.105474
- Despoti, S., Milisenda, G., Ligas, A., Bentes, L., Maynou, F., Vitale, S., Garofalo, G., Sbrana, M., Erzini, K., Tserpes, G., **Tsagarakis, K.**, Maina, I., Pyrounaki, M.-M., Papadopolou, N., Machias, A., Colloca, F., Fiorentino, F., Stergiou, K.I., Giannoulaki, M., 2020, Marine spatial closures as a supplementary tool to reduce discards in bottom trawl fisheries: Examples from southern European waters. *Fisheries Research* 232, 105714. doi: 10.1016/j.fishres.2020.105714
- Papapanagiotou, G., **Tsagarakis, K.**, Koutsidi, M., Tzanatos, E., 2020. Using traits to build and explain an ecosystem model: Ecopath with Ecosim modelling of the North Aegean Sea (eastern Mediterranean). *Estuarine Coastal and Shelf Science* 236, 106614. doi: doi.org/10.1016/j.ecss.2020.106614
- Dimarchopoulou, D., Keramidas, I., **Tsagarakis, K.**, Tsikliras, A.C., 2019. Ecosystem Models and Effort Simulations of an Untrawled Gulf in the Central Aegean Sea. *Frontiers in Marine Science*, 6: 648.
- Stithou, M., Vassilopoulou, V., **Tsagarakis, K.**, Edridge, A., Machias, A., Maniopolou, M., Dogrammatzi, A., Bellido, J.M., Carbonara, P., Carbonell, A., Lembo, G., 2019. Discarding in Mediterranean trawl fisheries—a review of potential measures and stakeholder insights. *Maritime Studies* 18(2), 225-238. doi: 10.1007/s40152-018-00131-0
- Moutopoulos, D.K., **Tsagarakis, K.**, Machias, A., 2018. Assessing ecological and fisheries implications of the EU landing obligation in Eastern Mediterranean. *Journal of Sea Research* 141, 99-111. doi: 10.1016/j.seares.2018.08.006
- Damalas, D., Ligas, A., **Tsagarakis, K.**, Vassilopoulou, V., Stergiou, K.I., Kallianiotis, A., Sbrana, M., Maynou, F., 2018. The "discard problem" in Mediterranean fisheries, in the face of the European Union landing obligation: the case of bottom trawl fishery and implications for management. *Mediterranean Marine Science* 19, 459-476. doi: 10.12681/mms.14195
- Moutopoulos, D.K., Stoumboudi, M.T., Ramfos, A., **Tsagarakis, K.**, Gritzalos, K.C., Petriki, O., Patsia, A., Barbieri, R., Machias, A., Stergiou, K.I., Bobori, D.C., 2018. Food web modelling on the structure and functioning of a Mediterranean lentic system. *Hydrobiologia* 822, 259–283.
- Maina, I., Kavadas, S., Machias, A., **Tsagarakis, K.**, Giannoulaki, M. 2018. Modelling the spatiotemporal distribution of fisheries discards: A case study on eastern Ionian Sea trawl fishery. *Journal of Sea Research*, 139, 10-23.
- **Tsagarakis, K.**, Nikolioudakis, N., Papandroulakis, N., Vassilopoulou, V., Machias, A. 2018. Preliminary assessment of discards survival in a multi-species Mediterranean bottom trawl fishery. *Journal of Applied Ichthyology* 34, 842-849.
- **Tsagarakis K.**, Carbonell, A., Brčić, J., Bellido, J., Carbonara, P., Casciaro, L., Edridge, A., García, T., González, M., Krstulović Šifner, S., Machias, A., Notti, E., Papantoniou, G., Sala, A., Škeljo, F.,

- Vitale, S., Vassilopoulou, V., 2017. Old Info for a New Fisheries Policy: Discard Ratios and Lengths at Discarding in EU Mediterranean Bottom Trawl Fisheries. *Frontiers in Marine Science* 4, 99.
- Bundy, A., Chuenpagdee, R., Boldt, J.L., de Fatima Borges, M., Camara, M.L., Coll, M., Diallo, I., Fox, C., Fulton, E.A., Gazihan, A., Jarre, A., Jouffre, D., Kleisner, K.M., Knight, B., Link, J., Matiku, P.P., Masski, H., Moutopoulos, D.K., Piroddi, C., Raid, T., Sobrino, I., Tam, J., Thiao, D., Torres, M.A., **Tsagarakis, K.**, van der Meer, G.I., Shin, Y.-J., 2017. Strong fisheries management and governance positively impact ecosystem status. *Fish and Fisheries* 18, 412–439 doi: 10.1111/faf.12184.
 - Machias, A., **Tsagarakis, K.**, Matsaganis, M., 2016. Greek fisheries and the economic crisis: structural analogies. *Ethics in Science and Environmental Politics* 16, 19-23.
 - Coll, M., Shannon, L.J., Kleisner, K.M., Juan-Jordá, M.J., Bundy, A., Akoglu, A.G., Banaru, D., Boldt, J.L., Borges, M.F., Cook, A., Diallo, I., Fu, C., Fox, C., Gascuel, D., Gurney, L.J., Hattab, T., Heymans, J.J., Jouffre, D., Knight, B.R., Kucukavsar, S., Large, S.I., Lynam, C., Machias, A., Marshall, K.N., Masski, H., Ojaveer, H., Piroddi, C., Tam, J., Thiao, D., Thiaw, M., Torres, M.A., Travers-Trolet, M., **Tsagarakis, K.**, Tuck, I., van der Meer, G.I., Yemane, D., Zador, S.G., Shin, Y.J., 2016. Ecological indicators to capture the effects of fishing on biodiversity and conservation status of marine ecosystems. *Ecological Indicators* 60, 947-962.
 - **Tsagarakis, K.**, Baştusta, N., Baştusta, A., Biantolino, F., Bostanci, D., Buz, K., Djodjo, Ž., Dulčić, J., Gökoğlu, M., Gücü, A.C., Machias, A., Maravelias, C.D., Özvarol, Y., Polat, N., Prato, E., Vasilakopoulos, P., Yedier, S., 2015. New Fisheries-related data from the Mediterranean Sea (October, 2015). *Mediterranean Marine Science* 16, 703-713.
 - Crise, A., Kaberi, H., Ruiz, J., ..., **Tsagarakis, K.**, Tsangaris, C., Tserpes, G., Tuğrul, S., Uysal, Z., Vasile, D., Violaki, K., Xu, J., Yükses, A., Papathanassiou, E., 2015. A MSFD complementary approach for the assessment of pressures, knowledge and data gaps in Southern European Seas: The PERSEUS experience. *Marine Pollution Bulletin* 95, 28-39.
 - Kleisner, K.M., Coll, M., Lynam, C.P., Bundy, A., Shannon, L., Shin, Y.-J., Boldt, J.L., Maria F, B., Diallo, I., Fox, C., Gascuel, D., Heymans, J.J., Juan Jordá, M.J., Jouffre, D., Large, S.I., Marshall, K.N., Ojaveer, H., Piroddi, C., Tam, J., Torres, M.A., Travers-Trolet, M., **Tsagarakis, K.**, van der Meer, G.I., Zador, S., 2015. Evaluating changes in marine communities that provide ecosystem services through comparative assessments of community indicators. *Ecosystem Services* 16, 413–429.
 - **Tsagarakis, K.**, Giannoulaki, M., Pyrounaki, M.M., Machias, A., 2015. Species identification of small pelagic fish schools by means of hydroacoustics in the Eastern Mediterranean Sea. *Mediterranean Marine Science* 16, 151-161.
 - Halouani, G., Gascuel, D., Hattab, T., Lasram, F.B.R., Coll, M., **Tsagarakis, K.**, Piroddi, C., Romdhane, M.S., Le Loc'h, F., 2015. Fishing impact in Mediterranean ecosystems: an EcoTroph modeling approach. *Journal of Marine Systems* 150, 22-33.
 - **Tsagarakis, K.**, Palialexis, A., Vassilopoulou, V., 2014. Mediterranean fishery discards: review of the existing knowledge. *ICES Journal of Marine Science* 71, 1219-1234
 - Giannoulaki, M., Iglesias, M., Tugores, P., Bonanno, A., Patti, B., De Felice, A., Leonori, I., Bigot, J.L., Ticina, V., Pyrounaki, M., **Tsagarakis, K.**, Machias, A., Somarakis, S., Schismenou, E., Quinci, E., Basilone, G., Cuttitta, A., Campanella, F., Miquel, J., Onate, D., Roos, D., Valavanis, V., 2013. Characterising the potential habitat of European anchovy *Engraulis encrasicolus* in the Mediterranean Sea, at different life stages. *Fisheries Oceanography* 22, 69-89.
 - Mytilineou, C., **Tsagarakis, K.**, Bekas, P., Anastasopoulou, A., Kavadas, S., Machias, A., Haralabous, J., Smith, C.J., Petrakis, G., Dokos, J., Kapandagakis, A., 2013. Spatial distribution and life-history aspects of blackspot seabream *Pagellus bogaraveo* (Osteichthyes: Sparidae). *Journal of Fish Biology* 83, 1551-1575.
 - **Tsagarakis, K.**, Mytilineou, C., Haralabous, J., Lorange, P., Politou, C.-Y., Dokos, J., 2013. Mesoscale spatio-temporal dynamics of demersal assemblages of the Eastern Ionian Sea in relationship with natural and fisheries factors. *Aquatic Living Resources* 26, 381-397.
 - **Tsagarakis, K.**, Giannoulaki, M., Somarakis, S., Machias, A., 2012. Variability in positional, energetic and morphometric descriptors of European anchovy *Engraulis encrasicolus* schools related to patterns of diurnal vertical migration. *Marine Ecology Progress Series* 446, 243-258.
 - **Tsagarakis, K.**, Pyrounaki, M.M., Giannoulaki, M., Somarakis, S., Machias, A., 2012. Ontogenetic shift in the schooling behaviour of sardines, *Sardina pilchardus*. *Animal Behaviour* 84, 437-443.
 - **Tsagarakis, K.**, Vassilopoulou, V., Kallianiotis, A., Machias, A., 2012. Discards of the purse seine fishery targeting small pelagic fish in the Eastern Mediterranean Sea. *Scientia Marina* 76, 561-572.
 - Giannoulaki, M., Pyrounaki, M.M., Liorzou, B., Leonori, I., Valavanis, D.V., **Tsagarakis, K.**, Machias, A., Bigot, J.L., Roos, D., De Felice, A., Ameri, E., 2011. Habitat suitability modelling for sardine (*Sardina pilchardus*) juveniles in the Mediterranean Sea. *Fisheries Oceanography* 20, 367-382.
 - Tugores, M.P., Giannoulaki, M., Iglesias, M., Bonanno, A., Ticina, V., Leonori, I., Machias, A., **Tsagarakis, K.**, Díaz, N., Giráldez, A., Patti, B., De Felice, A., Basilone, G., Valavanis, V., 2011. Habitat suitability modelling for sardine *Sardina pilchardus* in a highly diverse ecosystem: the

Mediterranean Sea. Marine Ecology Progress Series 443, 181-205.

- **Tsagarakis, K.**, Coll, M., Giannoulaki, M., Somarakis, S., Papaconstantinou, C., Machias, A., 2010. Food-web traits of the North Aegean Sea ecosystem (Eastern Mediterranean) and comparison with other Mediterranean ecosystems. *Estuarine, Coastal and Shelf Science* 88, 233-248.
- **Tsagarakis, K.**, Machias, A., Somarakis, S., Giannoulaki, M., Palialexis, A., Valavanis, D.V., 2008. Habitat discrimination of juvenile sardines in the Aegean Sea using remotely sensed environmental data. *Hydrobiologia* 612, 215-223.
- Giannoulaki, M., Valavanis, D.V., Palialexis, A., **Tsagarakis, K.**, Machias, A., Somarakis, S., Papaconstantinou, C., 2008. Modelling the presence of anchovy *Engraulis encrasicolus* in the Aegean Sea during early summer, based on satellite environmental data. *Hydrobiologia* 612, 225–240.
- **Tsagarakis, K.**, Machias, A., Giannoulaki, M., Somarakis, S., Karakassis, I., 2008. Seasonal and temporal trends in metrics of fish community for otter-trawl discards in a Mediterranean ecosystem. *ICES Journal of Marine Science* 65, 539-550.

Book chapters

- Giannoulaki M., Schismenou E., Pyrounaki M.-M., **Tsagarakis K.**, 2014. Habitat characterisation and migrations. In Ganias K. (ed). *Biology and Ecology of Anchovies & Sardines*, pp. 190-241. CRC Press, Boca Raton, FL
- Vassilopoulou V., Machias A., **Tsagarakis K.**, 2007. By-catch and discards in multi-species fisheries and their impact in Hellenic waters, In C. Papaconstantinou, A. Zenetos, V. Vassilopoulou, G. Tserpes (eds), *State of Hellenic Fisheries*, pp. 251-260. HCMR publ., Athens

Conferences (selected)

International Scientific conferences

- Papapanagiotou G., **Tsagarakis K.**, Koutsidi M., Tzanatos E., 2021. Traits-based Ecopath with Ecosim modelling in the eastern Mediterranean Sea. ICES Annual Science Conference 2021, September, Virtual event.
- Kapelonis Z., Siapatis A., Machias A., Somarakis S., Markakis K., Giannoulaki M., Badouvas N., **Tsagarakis K.**, 2021. Mesopelagic fish community and deep scattering layers in an Eastern Mediterranean Sea enclosed deep basin. ICES Annual Science Conference 2021, September, Remote Conference.
- Sarropoulou X., Tsaparis D., **Tsagarakis K.**, Badouvas N., Tsigenopoulos C., 2021. Genetic diversity patterns of mesopelagic fish in the Greek Seas. *HydroMedit 2021*, Virtual event.
- Petriki O., **Tsagarakis K.**, Moutopoulos D.K., Stoumboudi M., 2021. Implementing multiple managerial and environmental scenarios in a Mediterranean lake. *HydroMedit 2021*, Virtual event.
- Dimarchopoulou D., Keramidas I., **Tsagarakis K.**, Tsikliras A.C., 2019. Ecosystem modelling simulations and fishing effort reduction scenarios in Pagasitikos Gulf (central Aegean Sea, Greece). *Proceedings of the International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions (ICZEGAR)* 14, 44
- **Tsagarakis K.**, Giannoulaki M., Steenbeek J., Valavanis V., Despoti S., Machias A., 2018. Modelling spatiotemporal ecosystem effects of the landing obligation in the North Aegean Sea (Greece). *GFCM Fish Forum 2018, Book of abstracts* p. 52-53
- Dimarchopoulou D., **Tsagarakis K.**, Tsikliras A., 2018. Modelling the food web of Thermaikos Gulf (northeastern Mediterranean Sea, Greece). *GFCM Fish Forum 2018, Book of abstracts* p. 87
- Libralato S., Solidoro C., Akoglu E., Banaru D., Capet A., Daskalov G., Gregoire M., Kandilarov R., Lazzari P., Salihoglu B., Staneva J., **Tsagarakis K.**, 2015. Scenarios of ecosystem health from End-to-End models of the Mediterranean Sea and Black Sea. *PERSEUS Scientific Conference Integrated Marine Research in the Mediterranean and the Black Sea, Brussels, 7-9 December 2015, Conference Proceedings* 178-182
- Halouani, G., Gascuel, D., Hattab, T., Ben Rais Lasram, F., Coll, M., **Tsagarakis, K.**, Piroddi, C., Romdhane, M.S., Le Loc'h., F., 2014. How fishing impacts Mediterranean marine ecosystems? An ecotroph modeling approach. *Ecopath 30 Years Conference Proceedings*. In. *Fisheries Centre Research Reports*, 2014, Volume 22, Number 3, 35-37
- Hidalgo, M., Coll, M., Hinz, H., Catalán, I.A., Claudet, J., Demestre, M., Giannoulaki, M., Heymans, J.J., Le Loch, F., Lindegren, M., Möllmann, C., Muntadas, A., Navarro, J., Olivar, M.P., Otero, J., Palomera, I., Piroddi, C., Steenbeek, J., **Tsagarakis, K.**, and other WG COMEDA participants 2014. The ICES Working Group on Comparative Analyses between European Atlantic and Mediterranean marine ecosystems – a new effort towards developing Ecosystem-based Fisheries Management (WGCOMEDA). *ICES Annual Science Conference 2014, 15-19 September, A Coruña, Spain*.
- Libralato S., Solidoro C., Akoglu E., Ballerini T., Banaru D., Capet A., Daskalov G., Gregoire M., Kandilarov R., Lazzari P., Salihoglu B., Staneva J., **Tsagarakis K.**, 2013. Assessing the ecological status of the Mediterranean and Black Seas. Steps toward operational applications of end-to-end modelling. *40th CIESM Congress, Marseille, 28 October - 1 November*

- Kapisir K., Zaharia T., Palialexis A., Anton E., Rady A., **Tsagarakis K.**, 2013. Biological pressures in the Ionian Sea (Greece) and Romanian coast of the Black Sea; preliminary results. 40th CIESM Congress, Marseille, 28 October - 1 November
- **Tsagarakis K.**, Mytilineou, Ch., Haralabous, J., Lorange P., Politou, C.-Y., Dokos J. 2012. Effect of spatial and environmental factors on community metrics and diversity indices of the Ionian Sea (Eastern Mediterranean) megafaunal assemblages. Joint symposium of EC FP7 projects CoralFISH and DEEPFISHMAN: Ecosystem based management and monitoring in the deep Mediterranean & N. Atlantic., Galway, Ireland.
- **Tsagarakis K.**, Somarakis S., Giannoulaki M., Machias A., Valavanis V., Palialexis A., Papaconstantinou C., Preliminary analysis of the habitat characteristics of anchovy and sardine in the Aegean Sea in relation to fish size, 38th CIESM Congress, Istanbul April 2007, p 621
- **Tsagarakis K.**, Palialexis, A., and Vassilopoulou, V. 2012. Review of existing knowledge on fishery discards in the Mediterranean Sea. Bergen, Norway, ICES CM 2012/C:26
- **Tsagarakis K.**, Mytilineou, Lorange, P., Haralabous, J., C., Politou, C.-Y. Dokos J. 2012. Spatial and environmental factors affecting the biodiversity of the Ionian Sea (Eastern Mediterranean Sea, Greece) fish assemblages. 14th European Congress of Ichthyology, Liège, Book of abstracts p. 237
- **Tsagarakis K.**, Haralabous, J., Mytilineou, C., Politou, C.-Y. Dokos J. 2012. Effect of spatial and environmental factors on community metrics of the Ionian Sea (Eastern Mediterranean Sea, Greece). 6th World Fisheries Congress, Edimburgh, Book of abstracts PA8.01 p. 170
- **Tsagarakis K.**, Coll M., Giannoulaki M., Machias A., Papaconstantinou C. 2011. Assessment of the Exploitation Status of the North Aegean Sea (Greece) Using A Mass-Balance Model. 141st Meeting of the American Fisheries Society, Seattle, September 2011, Book of abstracts P-355
- Giannoulaki M., Iglesias M., Tugores Ferra P., Bonnano A., Quinci E., De Felice A., Gramolini R., Liorzou B., Tičina V., Pyrounaki M.M., **Tsagarakis K.**, Machias A., Somarakis S., Schismenou E., Patti B., Basilone W., Leonori I., Miguel J., Oñate D., Roos D., Bigot J.-L., Valavanis V., 2010. Identifying the potential habitat of anchovy *Engraulis encrasicolus* during different life stages in the Mediterranean Sea. ICES CM 2010, Nantes, France, R:10
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- Presentations in Working Groups, Workshops and meetings (selected)
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 - Tzanatos E., Koutsidi M., Moukas C., Nikolioudakis N., **Tsagarakis K.**, Raitzos D.E., 2017. Biological Traits Analysis of fisheries resources: From the scale of populations to the Ecosystem Approach to Fisheries Management. 3rd International Workshop on Trait-based Approaches to Ocean Life, Solstrand, Bergen, Norway, 20-23 August 2017. <https://traitbased.w.uib.no/sample-page/>
 - **Tsagarakis K.**, Pyrounaki M.M., Machias A., Giannoulaki M., 2016. Anoxic conditions over the bottom: Can they affect small pelagic fish schools behavior and morphology? In: ICES. 2016. Final Report of the Working Group on Fisheries Acoustics, Science and Technology (WGFAST), 19-22 April 2016, Vigo, Spain. ICES CM 2016/SSGIEOM:21. 64 pp
 - Libralato S., Solidoro C., Ballerini T., Banaru D., Lazzari P., **Tsagarakis K.**, 2015. Steps toward operational applications of end-to-end modelling to assess the ecological status of the Mediterranean Sea. PERSEUS Scientific Workshop - Athens 2014, Book of Abstracts, ISBN 978-960-9798-02-0, p. 44
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 - **Tsagarakis K.**, Vassilopoulou, V., 2014. WP 1. Review and analysis of scientific papers and technical reports on discards quantities, composition, practices and mitigation tools in the Mediterranean. DISCATCH 1st stakeholders meeting, 9 October 2014, Split, Croatia.
 - **Tsagarakis K.**, Somarakis S., Machias A., Giannoulaki M., 2013. WP4 – Integrated tools for environmental assessment in the Eastern Mediterranean. PERSEUS Umbrella Workshop, Barcelona 22-23 January
 - **Tsagarakis K.**, Karakassis I., Giannoulaki M., Somarakis S., Vassilopoulou V. and Machias A. Trends in metrics of fish community for otter-trawl discards in the Ionian Sea. GFCM 2nd Transversal Working Group on By-Catch (in collaboration with ACCOBAMS), 7-9 December 2011, Antalya, Turkey
 - **Tsagarakis K.**, Vassilopoulou V. and Machias A. Issues related to onboard sampling for assessing by-catch and discards in Greek waters. GFCM 2nd Transversal Working Group on By-Catch (in collaboration with ACCOBAMS), 7-9 December 2011, Antalya, Turkey
 - **Tsagarakis K.**, Vassilopoulou V., Kallianiotis A. and Machias A. Discards of the purse seine fishery for small pelagic fish in the Aegean and Ionian Seas. GFCM 2nd Transversal Working Group on By-Catch (in collaboration with ACCOBAMS), 7-9 December 2011, Antalya, Turkey
 - **Tsagarakis K.**, Coll M., Giannoulaki M., Somarakis S., Machias A., 2009. Mass-balance modeling for the Ecosystem of N. Aegean Sea. MariFish, Work Package 7 - Mediterranean regional collaborative programme, Corsica, April 2009
 - Machias A., Giannoulaki M., Somarakis S., Schismenou E., **Tsagarakis K.**, Siapatis A., Stamataki C., Vassilopoulou V., Kallianiotis A., Papaconstantinou c. 2007. Acoustic Biomass Estimates of Sardine in the Aegean Sea (June 2003, 2004, 2005 and 2006). GFCM SAC, Sub-Committee for Stock Assessment, Working Group on Small Pelagic Species, Athens, 11-14 September 2007.
 - Somarakis S., Machias A., Giannoulaki M., Schismenou E., **Tsagarakis K.**, Siapatis A., Stamataki

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- Giannoulaki M., Schismenou E., Somarakis S., MachiAs A., **Tsagarakis K.**, Siapatis A., Kalianiotis A., Papaconstantinou c. 2007. Geostatistical analysis of co-occurring anchovy and sardine populations from acoustic and ichthyoplankton data in Aegean Sea and the effect of coastal topography on their spatial characteristics. GFCM SAC, Sub-Committee for Stock Assessment, Working Group on Small Pelagic Species, Athens, 11-14 September 2007.

Working groups (selected)

- MEESO Workshop on vessel-mounted acoustics for the assessment of mesopelagic species. May 2021 (Web meeting).
- Annual Meeting of the Pan-Mediterranean Acoustic Survey. April 2021 (Web meeting).
- ICES Working Group on Comparative Analyses between European Atlantic and Mediterranean Marine ecosystems to move towards an Ecosystem-based Approach to Fisheries. September 2020 (Web meeting).
- Annual Meeting of the Pan-Mediterranean Acoustic Survey. Athens, Greece, April 2019
- CES Working Group on Comparative Analyses between European Atlantic and Mediterranean Marine ecosystems to move towards an Ecosystem, Bilbao, May 2016
- Annual Meeting of the Pan-Mediterranean Acoustic Survey, 2016, Split, Croatia, 4-8 April 2016
- STECF-Expert Working Group 15-14. Landing Obligation - Part 6 (Fisheries targeting demersal species in the Mediterranean Sea). Ancona, Italy, 12-16 October 2015.
- ICES Working Group on Comparative Analyses between European Atlantic and Mediterranean Marine ecosystems to move towards an Ecosystem, Barcelona, March 2014
- Annual Meeting of the Pan-Mediterranean Acoustic Survey, 8-11 April 2014, Iraklion, Crete, Greece
- Annual Meeting of the Pan-Mediterranean Acoustic Survey, March 2013, Capo Granitola, Sicily
- GFCM 2nd Transversal Working Group on By-Catch (in collaboration with ACCOBAMS), 7-9 December 2011, Antalya, Turkey
- Annual Meeting of the Pan-Mediterranean Acoustic Survey, 2008, Athens, Greece

Educational activities

- National and Kapodistrian University of Athens, Interinstitutional Postgraduate Programme "Oceanography and Management of Marine Environment", course «Fisheries Biology - Stocks» (2020-21, 2021-22). Lecture «Ecosystem Approach to Fisheries».
- National and Kapodistrian University of Athens, Interinstitutional Postgraduate Programme "Oceanography and Management of Marine Environment", course «Nekton: Structure, Functioning, Ecology» (2020-21, 2021-22). Lecture «Mesopelagic Zone»
- Aristotle University of Thessaloniki, Department of Biology, Postgraduate Programme, direction Fisheries Biology and Management (2017-18, 2018-19, 2020-21, 2021-22). Lecture «Οικοσυστημικά μοντέλα Ecopath with Ecosim».
- University of Patras, Department of Biology, Postgraduate Programme Biological Sciences: Research and Applications. Seminars 2021 – 2022. Invited Speaker «Twilight Zone: from the exploration to the research of the mesopelagic zone»

Citations (February 2022)

1204 (Google scholar), 840 (Scopus)

Reviewer/Editor

- reviewer in >25 journals
- member of the editorial board of Mediterranean Marine Science journal, review editor for Frontiers in Marine Science (sections: Marine Ecosystem Ecology; Marine Fisheries, Aquaculture and Living Resources)

Member in scientific committees

- 2021-now. Committee for the co-management of small scale fisheries of N. Cyclades. HCMR Deputy member
- 2020-now. Committee for the support of the nationally coordinated network for the monitoring of marine strandings. HCMR Deputy member
- 2015-2019. Committee for the Fisheries Improvement Programme for the small pelagic fisheries in Kavala. HCMR Deputy member