

Dr Chrysoula Gubili (or Gkoumpili)

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Current Research Interests

I am an evolutionary biologist with an interest in genetics as a tool to address a wide variety of questions regarding the ecology, evolution and behaviour of various species (from benthic megafauna to large predators). I also maintain a strong interest in conservation biology, as my work focuses on threatened, fragile or commercially important wild populations with the goal of improving management strategies. My research endeavours have developed around the study of elasmobranchs and deep-water species, but currently, my primary focus is understanding how evolutionary processes have shaped patterns of modern biodiversity in a range of species. This includes investigating the effects of environmental change, natural and anthropogenic on different communities taking advantage of the new tools provided by genomics and spatial modeling.

Academic achievements

11/11/2023 – 10/11/2026 **Royal Society Wolfson Visiting Fellow**, School of Environment & Life Sciences, University of Salford, Salford, England, UK

01/01/2017 – present **Associate Researcher**, Fisheries Research Institute, Nea Peramos, Kavala, Greece.

01/06/2015 – 31/12/2016 1) **Postdoctoral Researcher**, School of Environment & Life Sciences, University of Salford, Salford, England, UK, Part-time

2) **Postdoctoral Researcher**, University of Innsbruck, Austria, Part-time

Project titles: 1) “F.I.S.HUB: Fish Identification Software Hub” (funded by FP7); 2) Population Genomics of Tropical eels (funded by FWF, Austria)

01/04/2014 – 28/02/2015 **Postdoctoral Researcher**, Instituto Nacional de Pesquisas da Amazônia, INPA, Manaus, Amazonas, Brazil.

Project title: “Contribution of Molecular Genetics in Assessing Amazonian Biodiversity” (funded by funded by FAPEAM and CAPES, Brazil).

15/11/2012 – 14/11/2013 **Postdoctoral Researcher**, Faculty of Environmental Design, University of Calgary, Calgary, Alberta, Canada.

Project title: “Spatial Genetics and Ecological Variation in the North American reindeer” funded by the Natural Sciences and Engineering Research Council of Canada (funded by NSERC).

01/10/2010 – 31/03/2012 **Postdoctoral Researcher**, University of Southampton and National Oceanography Centre, Southampton, England, UK.

Project title: “Genetic Identification, Molecular Phylogeny and Biodiversity of benthic megafauna (Echinodermata)” funded by HERMIONE-Hotspot Ecosystem Research and Man’s impact on European Seas (funded by FP7).

01/10/2004 – 07/07/2009 **Degree of Doctor of Philosophy** in Genetics, University of Aberdeen, Scotland, UK.

Ph.D. Thesis: Application of Molecular Genetics for Conservation of the Great White Shark, *Carcharodon carcharias*, L. 1758.

Supervisors: Dr. Leslie R. Noble and Dr. Catherine S. Jones.

21/09/2003 – 05/09/2004 **M.Sc. Marine and Fisheries Sciences**, University of Aberdeen, Scotland, UK.

M.Sc. Thesis: Application of modern genetic techniques on Great White Sharks with subsequent GIS implementation.

Supervisors: Drs Leslie R. Noble and Cathy Jones.

01/10/1997 – 07/07/2002 **B.Sc. (Hons) Chemistry**, Aristotle University of Thessaloniki, Greece.

B.Sc. Thesis: Ion Chromatographic Determination of Bromide and Bromate in Drinking and Surface Water

Supervisors: Dr. Victoria Samanidou and Prof. Ioannis Papadoyiannis.

Other work experience

Mar 2009 – Jul 2009 **Research Assistant**, University of Aberdeen, Scotland, UK. Population ecology of Lamnid Sharks; preliminary analyses using stable isotopes.

Jul 2009 – Jul 2009 **Socio-economic Consultant**, Moray Firth Partnership and ACES, University of Aberdeen (With Drs B. Davies, D. Lusseau and D. Roberts), Scotland, UK.

Jun 2006 – Jun 2006 **Research Consultant**, Basking shark project (DEFRA), University of Aberdeen, Scotland, UK.

Oct 2005 – May 2008 **Student Demonstrator**, Demonstrator of the B.Sc. courses at the University of Aberdeen, UK.

Training and Development

15/01/2024–19/01/2024 Unix and Shell Scripting for Bioinformatics, Physalia courses, Online Workshop

15/01/2017–20/01/2017 TripleA Winter School. Whole Genome Sequencing. Locarno, Switzerland.

31/08/2015–05/09/2015 ConGen2015. Population Genomic Data Analysis Course. University of Montana, USA.

26/11/2011 – 7/11/2011 Biogeography and Phylogeography of Atlantic Fishes, Lisbon, Portugal.

Publications

1. **Gubili, C.**, Johnson, R., Gennari, E., Oosthouizen, W.H., Kotze, D., Meÿer, M., Sims, D.W., Jones, C.S., Noble, L.R. (2009) Concordance of genetic and fin photo identification in the great white shark, *Carcharodon carcharias*, off Mossel Bay, South Africa. *Marine Biology* 156:2199-2207.

2. **Gubili, C.**, Bilgin, R., Kalkan, E., Karhan, S.Ü., Sims, D.W., Kabasakal, H., Jones, C.S., Noble, L.R. (2011) Antipodean white sharks on a Mediterranean walkabout?: historical dispersal of a top marine predator accounts for an endangered anomalous population. *Proceedings of the Royal Society B* 278:1679-1686.

3. Lieber, L., Berrow, S., Johnston, E., Hall, G., Hall, J., **Gubili, C.**, Sims, D.W., Jones, C.S., Noble, L.R. (2013) Mucus: aiding elasmobranch conservation through non-invasive genetic sampling. *Endangered Species Research* 21:215-222.

4. Ritter, C.D., Figueredo, C.M.E., **Gubili, C.**, Feldheim, K.A., Bates, J., Cornelius, C., Ribas, C.C. (2014) Isolation and Characterization of Seventeen Polymorphic Microsatellite DNA Markers from Rufous-crowned *Elaenia ruficeps* (Aves: Tyrannidae). *Conservation Genetics Resources* 6:1015-1018.

5. **Gubili, C.**, Sims, D.W., Veríssimo, A., Dominici, P., Ellis, J., Grigoriou, P., Johnson, A., McHugh, M., Neat, F., Scarcella, G., Serra-Pereira, B., Soldo, A., Genner, M.J., Griffiths, A.M. (2014). A tale of two seas: contrasting patterns of population structure in the small-spotted catshark across Europe. *Royal Society Open Science* 1:140175.

6. Schabetsberger, R., Økland, F., Kalfatak, D., Sichrowsky, U., Tambets, M., Aarestrup, K., Dall'Olmo, G., Sarginson, J., **Gubili, C.**, Boufana, B., Jehle, R., Miller, M.J., Scheck, A., Kaiser, R., Quartly, G. (2015). Genetic and migratory evidence for sympatric spawning of tropical Pacific eels from Vanuatu. *Marine Ecology Progress Series* 521:171-187.

7. **Gubili, C.**, Robinson, C.E.C., Cliff, G., Wintner, S.P., de Sabata, E., de Innocentis, S., Canese, S., Sims, D.W., Martin, A.P., Noble, L.R., Jones, C.S. (2015). DNA from historical and trophy samples provides insights into white shark population origins and genetic diversity. *Endangered Species Research* 27:233-241.

8. **Gubili, C.**, Macleod, K., Perry, W., Hanel, P., Batzakas, I., Farrell, E., Lynghammar, A., Mancusi,

- C., Mariani, S., Menezes, G., Neat, F., Scarcella, G., Griffiths, A.M. (2016). Connectivity in the deep: Phylogeography of the velvet bellied lanternshark. *Deep Sea Research I* 115:233-239.
9. **Gubili, C.**, Ritter, C. D., Motta, J., Farias, I.P., Bates, J., Canton, R., Capurucho, J.M.G., Cornelius, C., Feldheim, K.A., Ribas, C.C. (2016) Isolation and Characterization of Polymorphic Microsatellite DNA Markers from an Amazonian white-sand vegetation specialist bird, *Xenopipo atronitens* (Aves: Pipridae). *The Wilson Journal of Ornithology* 128(3):668-672.
10. Mascolino, A., Benvenuto, C., **Gubili, C.**, Sacchi, C., Boufana, B., Mariani, S. (2017) The ART of mating: alternative reproductive tactics and mating success in a nest-guarding fish. *Journal of Fish Biology* 89: 2643-2657.
11. **Gubili, C.**, Ross, E., Billett, D.S.M., Yool, A., Tsairidis, C., Ruhl, H.A., Rogacheva, A., Huvenne, V., Masson, D., Tyler, P.A., Hauton, C. (2017). Cryptic diversity, global phylogeography and time series shifts in the genetics of an abyssal holothurian, *Psychropotes longicauda* (Echinodermata). *Deep Sea Research Part II* 137:288-296.
12. Veríssimo, A., Zaera-Perez, D., Leslie, R., Iglésias, S.P., Séret, B., Grigoriou, P., Serioti, A., **Gubili, C.**, Navarro, J., Duffy, C., Hernández, S., Batzakis, I., Griffiths, A.M. (2017). Molecular diversity and distribution of eastern Atlantic and Mediterranean dogfishes *Squalus* highlight taxonomic issues in the genus. *Zoologica Scripta* 46:414-428.
13. **Gubili, C.**, Mariani, S., Galpern, P., Weckworth, B.V., McDevitt, A.D., Hebblewhite, M., Nickel, B., Musiani, M. (2017). Environmental and anthropogenic drivers on connectivity patterns: a basis for prioritizing conservation efforts for threatened populations. *Evolutionary Applications* 10:199-211.
14. Choueri, É.L., **Gubili, C.**, Borges, S.H., Thom, G., Sawakuchi, A.O., Soares, E.A.A., Ribas, C.C. (2017). Phylogeography and population dynamics of Antbirds (Thamnophilidae) from Amazonian fluvial islands. *Journal of Biogeography* 44:2284-2296.
15. Ribas, C.C., Aleixo, A., **Gubili, C.**, d'Horta, F.M., Brumfield, R.T., Cracraft, J. (2018). Biogeography and diversification of Rhegmatorhina (Aves: Thamnophilidae): implications for the recent evolution of Amazonian landscapes. *Journal of Biogeography* 45:917-928.
16. Schabetsberger, R., Scheck, A., Kaiser, R., Leaana, R., **Gubili, C.**, Økland, F. (2018) Oceanic migration behaviour of Pacific eels from Samoa. *Fisheries Management and Ecology* 26(1):53-56.
17. **Gubili, C.**, Schabetsberger, R., Poellabauer, C., Bates, B., Wagstaff, R.M., Woodward, L.M., Sichrowsky, U., Scheck, A., Boseto, D.T., Feunteun, E., Acou, A., Jehle, R. (2018) High genetic diversity and lack of pronounced population structure in five species of sympatric Pacific eels. *Fisheries Management and Ecology* 26(1):31-41.
18. Karkabounas, S., Papadopoulos, N., Anastasiadou, C., **Gubili, C.**, Peschos, D., Daskalou, R., Fikioris, N., Simos, Y.V., Kontargiris, E., Gianakopoulos, X., Ragos V., Charzidimitriou, M. (2018) Effects of α -Lipoic acid, carnosine and thiamine supplementation in obese patients with type 2 diabetes mellitus: a randomized, double-blind study. *Journal of Medicinal Food* 21(12):1197-1203.
19. Pazartzis*, T., Siaperopoulou*, S., **Gubili***, C., Maradidou, S., Loukovitis, D., Chatzistryrou, A., Griffiths, A.M., Minos, G., Imsiridou, A. (2019) High levels of mislabeling in shark meat – investigating patterns of species utilisation with DNA barcoding in Greek retailers. *Food Control* 98:179-186. <https://doi.org/10.1016/j.foodcont.2018.11.019>.
20. Cavedon, M., **Gubili, C.**, Heppenheimer, E., vonHoldt, B., Mariani, S., Hebblewhite, M., Hegel, T., Hervieux, D., Serrouya, R., Steenweg, R., Weckworth, B.V., Musiani, M. (2019) Genomics, environment and balancing selection in behaviorally bimodal populations: the caribou case. *Molecular Ecology* 20:1946-1963.
21. Valiadi, M., de Rond, T., Amorim, A., Gittinds, J.R., **Gubili, C.**, Moore, B.S., Iglesias-Rodrigues, M.D., Latz M.I. (2019) Molecular and biochemical basis for the loss of bioluminescence in the dinoflagellate *Noctiluca scintillans* along the west coast of the U.S.A. *Limnology and Oceanography*

64(6):2709-2724.

22. Anastasiadou, C., Papathanasiou, V., Kamidis, N., **Gubili, C.** (2019) Crustacean decapod diversity associated with four shallow meadows of *Cymodocea nodosa* meadows from the North Aegean Sea. *Journal of Wildlife and Biodiversity* 4(1):55-65.
23. Chatzisyrou, A., **Gubili, C.**, Laiaki, M., Mantopoulou-Palouka, D., Kavadas, D. (2020) First record of the marbled ray, *Dasyatis marmorata* (Elasmobranchii: Dasyatidae), from Greece (central Aegean Sea). *Biodiversity Data Journal* 8:e51100.
24. Maduna, S.N., Farrell, E.D., Boomer, J.J., Verissimo, A., Marino, I.A.M., Mazzoldi, C., Zane, L., Hull, K.L., Wintner, S.P., Chesalin, M.V., Da Silva, C., **Gubili, C.**, Mariani, S., Bester-van der Merwe, A.E. (2020) Historical biogeography of smoothhound sharks (genus *Mustelus*) of Southern Africa reveals multiple dispersal events from the Northern Hemisphere. *Systematics and Biodiversity* 18:7, 633-645.
25. Şalcioğlu, A., **Gubili, C.**, Krey, G., Sönmez, A., Bilgin, R., (2020) Phylogeography and population dynamics of the Eastern Mediterranean whiting (*Merlangius merlangus*) from the Black Sea, the Turkish Straits System, and the North Aegean Sea. *Fisheries Research* 229:105614.
26. Wannell, G.J., Griffiths, A.M., Spinou, A., Batista, R., Barreira Mendonça, M., Wosiacki, W.B., Fraser, B., Wintner, S., Papadopoulos, A.I., Krey, G., **Gubili, C.** (2020) A new minibarcode assay to facilitate species identification from processed, degraded or historic ray (batoidea) samples. *Conservation Genetics Resources* 12, 659-668.
27. Barth*, J.M.I., **Gubili***, C., Matschiner*, M., Tørrensen, O.K., Watanabe, S., Egger, B., Han, Y-S, Feunteun, E., Sommaruga, R., Jehle R., Schabetsberger, R. (2020) Stable species boundaries despite ten million years of hybridization in tropical eels. *Nature Communications* 11:1433. <https://doi.org/10.1038/s41467-020-15099-x>
28. Lieber, L., Hall, G., Hall, J., Berrow, S., Johnston, E., Duffy, C., Francis, M., Wintner, S., **Gubili, C.**, Sarginson, J., Witt, M.J., Hawkes, L.A., Doherty, P.D., Godley, B.J., Henderson, S., de Sabata, E., Shivji, M., Dawson, D.A., Burke, T., Sims, D.W., Jones, C.S., Noble, L.R. (2020) Spatio-temporal genetic tagging of a cosmopolitan planktivorous shark provides insight to gene flow, temporal variation and site-specific re-encounters. *Scientific Reports* 10:1661. <https://doi.org/10.1038/s41598-020-58086-4>
29. Şalcioğlu, A., **Gubili, C.**, Krey, G., Sakinan, S., Bilgin, R. (2021). Molecular characterization and phylogeography of Mediterranean picarels (*Spicara flexuosa*, *S. maena* and *S. smaris*) along the coasts of Turkey and the Eastern Mediterranean. *Regional Studies in Marine Science* 45:101836.
30. Cusa, M., Falcão, L., De Jesus, J., Biolatti, C., Blondeel, L., Bracken, F.S.A., Devriese, L., Garcés-Pastor, S., Minoudi, S., **Gubili, C.**, Acutis P.L., Mariani, S. (2021). Fish out of water: consumers' unfamiliarity with the appearance of commercial fish species. *Sustainability Science* 16:1313-1322. <https://doi.org/10.1016/j.marpol.2018.11.022>.
31. Chatzisyrou, A., **Gubili, C.**, Touloumis, K., Karampetsis, D., Kioulouris, S., Anastasopoulou, A., Christidis, A., Peristeraki, P., Batjakas, I.E., Koutsikopoulos, C. (2021). Life-history traits of the marbled electric ray, *Torpedo marmorata* Risso, 1810, from the Greek Seas, north-eastern Mediterranean Sea. *Environmental Biology of Fishes* 104:1575-1592.
32. Giagkazoglou, Z., Griffiths, A.M., Imsiridou, A., Chatzisyrou, A., Touloumis, K., Hebb, J.L., Mylona, D., Malamidou, A.K., Apostolidi, E.D., Batjakas, I.E., **Gubili, C.** (2022). Flying under the radar: DNA barcoding ray wings in Greece detects protected species and umbrella labelling terms. *Food Control* 132:108517. <https://doi.org/10.1016/j.foodcont.2021.108517>
33. Silva, F.E., do Amaral, J.V., Roos, C., Bowler, M., Röhe, F., Sampaio, R., Janiak, M.C., Bertuol, F., Santana, M.I., de Souza Silva Júnior, J., Rylands, A.B., **Gubili, C.**, Hrbek, T., McDevitt, A.D., Boubli, J. P. (2022). Molecular phylogeny and systematics of bald uakaris, genus *Cacajao* Lesson,

- 1840 (Primates: Pitheciidae), with the description of a new species. *Molecular Phylogenetics and Evolution* 107509. <https://doi.org/10.1016/j.ympev.2022.107509>.
34. Anastasiadou, C., Papathanasiou, V., Giagkatzoglou, Z., **Gubili, C.**, Kamidis, N., Liasko, R., Batjakas, I. E. (2022). Reproductive Variability in Hippolytid Shrimp Shape Morphotypes. *Journal of Zoological Systematics and Evolutionary Research* 8342656. <https://doi.org/10.1155/2022/8342656>.
35. Karampetsis*, D., **Gubili***, C., Touloumis, K., Adamidou, A., Triantafyllidis, S., Evangelopoulos, A., Batzakas, I.E., Kamidis, N., Koutrakis, E. (2022). Biological parameters and spatial segregation patterns in sharks from the North Aegean Sea, Greece. *Marine and Freshwater Research* 73(11):1378-1392. <https://doi.org/10.1071/MF22079>.
36. Batjakas, I. E., Evangelopoulos, A., Giannou, M., Pappou, S., Papanikola, E., Atsikvasi, M., ..., **Gubili, C.** (2023). Lionfish diet composition at three study sites in the Aegean Sea: an invasive generalist?. *Fishes*, 8(6):314. <https://doi.org/10.3390/fishes8060314>.
37. Goymer, A., Steele, K., Jenkins, F., Burgess, G., Andrews, L., Baumgartner, N., **Gubili, C.**, Griffiths, A. M. (2023). For R-eel?! Investigating international sales of critically endangered species in freshwater eel products with DNA barcoding. *Food Control*, 150:109752. <https://doi.org/10.1016/j.foodcont.2023.109752>.
38. Hartle-Mougiou, K., **Gubili, C.**, Xanthopoulou, P., Kasapidis, P., Valiadi, M., Gizeli, E. (2024). Development of a quantitative colorimetric LAMP assay for fast and targeted molecular detection of the invasive lionfish *Pterois miles* from environmental DNA. *Frontiers in Marine Science*, 11:1358793. <https://doi.org/10.3389/fmars.2024.1358793>.
39. Evangelopoulos, A., Karampetsis, D., Christidis, A., **Gubili, C.**, Sapounidis, A., Adamidou, A., ... Koutrakis, E. (2024). Non-native fish species in the North Aegean Sea: a review of their distributions integrating unpublished fisheries data. *Frontiers in Marine Science*, 11:1398037. <https://doi.org/10.3389/fmars.2024.1398037>.
40. Silva, F. E., Luna, L. W., Batista, R., Röhe, F., **Gubili, C.**, Farias, I. P., ... Boubli, J. P. (2024). Impact of Quaternary Amazonian river dynamics on the diversification of uakari monkeys (genus *Cacajao*). *Journal of Biogeography*, 51(8):1505-1517. <https://doi.org/10.1111/jbi.14844>.
41. Giagkazoglou, Z., Loukovitis, D., **Gubili, C.**, Chatziplis, D., Symeonidis, A., Imsiridou, A. (2024). Untangling the cephalopod market: Authentication of seafood products in Greece with DNA-barcoding. *Food Control*, 163:110523. <https://doi.org/10.1016/j.foodcont.2024.110523>.
42. Angelidis, A., Polyzoulis, G., **Gubili, C.** (2024). Tropical Isognomonids in the Mediterranean Sea: when the West Atlantic met the Indo-Pacific region in the South Aegean Sea. *Thalassas: An International Journal of Marine Sciences*, 40(3):1445-1459. <https://doi.org/10.1007/s41208-024-00752-9>.
43. Apostolidi, E. D., Bitchava, K., Tsavea, E., Bouzalas, I., **Gubili, C.**, Krey, G., Boukouvala, E. (2024). Development of real-time qPCR assays for detecting and quantifying common bacterial pathogens in fish from Mediterranean aquacultures. *Mediterranean Marine Science*, 25(3):732-739. <https://doi.org/10.12681/mms.38053>.
44. Xanthopoulou, P., Katsanevakis, S., Ragkousis, M., Papadakis, O., Zotou, M., Kamidis, N., ... **Gubili, C.** (2025). Complementing underwater visual surveys with eDNA metabarcoding to detect Mediterranean non-indigenous fishes. *Mediterranean Marine Science*, 26(1):216-229. <https://doi.org/10.12681/mms.37756>.
45. Baez, J. C., Akyol, O., Azzurro, E., Battaglia, P., Belmonte-Gallegos, A., Christidis, G., ... **Gubili, C.**, Zamuda, L. L. (2025). New records of rarely reported species in the Mediterranean Sea (March 2025). *Mediterranean Marine Science*, 26(1):256-276. <https://doi.org/10.12681/mms.40675>.
46. Xanthopoulou, P., Sapounidis, A., Papadopoulou, P., Arapoglou, F., Kalantaridou, G., **Gubili, C.** (2025). Detecting threatened ichthyofauna in a Mediterranean intensive agricultural landscape: from

- DNA traces to electrofishing. *Aquatic Conservation: Marine and Freshwater Ecosystems*, 35(4):e70132. <https://doi.org/10.1002/aqc.70132>.
47. **Gubili, C.**, Touloumis, K., Saucier, E. H., Christidis, A., Samara, E., Papadopoulou, P., Triantafyllidis, S., Kamidis, N., Koutrakis, E. (2025). Biodiversity monitoring in bamboo coral assemblages in the North Aegean Sea, eastern Mediterranean Basin. *Biodiversity Data Journal*, 13:e135156. <https://doi.org/10.3897/BDJ.13.e135156>.
48. Sapounidis, A., Koutrakis, M., Papadopoulou, P., Arapoglou, F., Kalantaridou, G., Triantafyllidis, S., ... **Gubili, C.** (2025). Tenagi Philippi, an area of high fishfauna biodiversity and high human pressure. *Environmental Monitoring and Assessment*, 197(11), 1-14.
49. **Gubili, C.**, Seitidou, O., Batista, R., Papadopoulou, P., Christidis, A., Triantafyllidis, S., Sapounidis, A. (2025). Characterisation and phylogenetic analysis of the complete mitochondrial genome of two endemic lampreys from Greece (*Caspiomyzon hellenicus* and *Caspiomyzon graecus*) using Long-Read technology. *Molecular Biology Reports*, 52(1):1-11. <https://doi.org/10.1007/s11033-025-10476-5>.
50. Zannaki, K., Batjakas, I. E., Kondylatos, G., Corsini-Foka, M., **Gubili, C.**, Krasakopoulou, E., ... Fanelli, E. (2025). Trophic Ecology of the Devil Firefish *Pterois miles* in the Eastern Mediterranean: An Integrated Study Based on Stomach Content and Stable Isotope Analyses. *Oceans* 6(4). <https://doi.org/10.3390/oceans6040084>.
51. Giagkazoglou, Z., Dimitrios, L., **Gubili, C.**, Chatziplis, D., Tzikas, Z., Imsiridou, A. (2026). Cracking the shell: investigating crustaceans in the Greek market using DNA barcoding. *European Food Research and Technology*, 252(2), 80. <https://doi.org/10.1007/s00217-025-04994-6>.
52. Boubli, J. P., El Bizri, H. R., Botelho-Souza, L. F., **Gubili, C.**, Martin, S. J., da S Araújo, M., ... Vieira, D. (2026). First Report of Human Hepatitis B Virus (HBV) in Wild Neotropical Primates. *EcoHealth*. In press. <https://doi.org/10.1007/s10393-026-01787-5>.
53. **Gubili***, C., Mylona*, D., Tsairidis, C., Tsantiropoulos, A., Sapounidis, A., Papadopoulou, P., ... Koutrakis, E. (2026). Fish literacy and fishing cultural heritage preservation: a case study of the coastal regions in the North Aegean Sea, Greece. *Maritime Studies* 25(2), 27. <https://doi.org/10.1007/s40152-026-00491-y>.

* Equal contribution

Book chapters

- Damalas, D., Peristeraki, P., **Gubili, C.**, Lteif, M., Otero, M.M., Thasitis, I., Ali, M., Jemaa, S., Mytilineou, C., Kavadas, S., Farrag, M.M.S. (2022). Vulnerable megafauna Deep-sea cartilaginous fish (Chondrichthyes: sharks, rays, skates and chimaeras). In *Deep-sea Atlas of the Eastern Mediterranean Sea*, IUCN, Gland, Switzerland, 2022.
- Gubili, C.** (2021). Καρχαρίες: τρομαχτικοί, ευαίσθητοι και άκρως γοητευτικοί. In *What is fishing cultural heritage to you*, ed Mylona, D., Koutrakis, M., **Gubili, C.**, Tsantiropoulos, A., Sapounidis, A. ISBN: 978-618-85696-0-7, 2021.
- Gubili, C.**, Mylona, D., Tsantiropoulos, A. (2021). In *What is fishing cultural heritage to you*, ed Mylona, D., Koutrakis, M., **Gubili, C.**, Tsantiropoulos, A., Sapounidis, A. ISBN: 978-618-85696-0-7, 2021.
- Mylona, D., **Gubili, C.** (2021). Zoo-archaeological and genetic tools. In *Sustainable governance of marine and coastal heritage methods, tools, and approaches Sustainable governance of marine and coastal heritage methods, tools, and approaches Peer review Photo and image credits*, ed. Jasper O. Kenter and Simone Martino, 2021.
- Gubili, C.**, Duffy, C., Cliff, G., Wintner, S., Shivji, M., Chapman, D., Bruce, D., Martin, A.P., Sims, D.W., Jones, C.S., Noble, L.R. (2012). Application of Molecular Genetics for Conservation of the Great White Shark, *Carcharodon carcharias*, L. 1758. In *Global Perspectives on the Biology and Life History of the Great White Shark*, ed. Michael L. Domeier, CRC Press, Boca Raton, FL, 2012.

Book editor

1. Mylona, D., Koutrakis, M., **Gubili, C.**, Tsantiropoulos, A., Sapounidis, A. 2021. *What is fishing cultural heritage to you / Τι είναι για σένα Αλιευτική Πολιτισμική Κληρονομιά*; ISBN: 978-618-85696-0-7.

Non-peer-reviewed publications

1. March 2009. Report on the “Economic Value of the Moray Firth Bottlenose Dolphins”. *PHASE 1*. This report was produced for the Moray Firth Partnership held by Aberdeen Centre for Environmental Sustainability (ACES). Principal Investigator: Dr Ben Davies (ben.davies@abdn.ac.uk).
2. **Gubili, C.** 2007. Population genetics of the Great White Shark, *Carcharodon carcharias*. *Genetics Society News*. Issue 56, pp 31-32. (<http://www.genetics.org.uk/files/pdf/Genetics%20soc%20issue%2056.pdf>).

Scientific Conferences

- 4-7/10/2023 Oral Presentation: Aliens in a drop of water: alien fish detection using eDNA metabarcoding. 11th Panhellenic Ecology Conference, Patras, Greece
- 3-6/11/2022 Poster: The use of environmental DNA for the detection of alien species in the Mediterranean Sea. 18th Panhellenic Conference of Ichthyologists, Mesologgi, Greece.
- 16-18/10/2019 Oral Presentation: High levels of mislabeling in elasmobranch meat products – Investigating species utilisation with DNA barcoding in the Mediterranean. 23rd European Elasmobranch Association, Rende, Italy.
- 27-29/09/2017 Poster Presentation: Crustacean decapod diversity associated with *Cymodocea nodosa* meadows from the North Aegean Sea (Eastern Mediterranean Sea). 1ST SouthEast European Ichthyological Conference (SEEIC). Sarajevo, Bosnia-Herzegovina.
- 13-15/06/2017 Oral Presentation: *Panmixia in the tropics: lack of genetic structure in sympatric eels*. 1st UK International Eel Science Symposium, London, Great Britain.
- 10-11/05/2017 Oral Presentation: *Food or Wildlife? Consumers’ poor knowledge of fish appearance hampers seafood market transparency and sustainability*. Food Integrity Conference, Parma, Italy
- 10-11/05/2017 Oral Presentation: *Fist Identification software hub (F.I.S.HUB) classifier*. Food Integrity Conference, Parma, Italy.
- 09/09/2016 Oral Presentation: Connectivity in the Deep: Phylogeography of the Velvet Belly Lanternshark. 2nd Deep-Sea SIG Conference, Liverpool, UK.
- 18-22/07/2016 Oral Presentation: Genetic and migratory evidence for sympatric spawning of tropical pacific eels. 2016 FSBI Symposium, Bangor, UK.
- 6-12/12/2014 Oral Presentation: Biogeography and diversification patterns of the Neotropical Genus *Rhegmatorhina* (Aves: Thamnophilidae) inferred from multilocus phylogenetic analysis. 21th Congresso Brasileiro de Ornitologia, Rio de Janeiro, Brazil.
- 1-3/11/2013 Oral Presentation: Population genetic structure and phylogeography of the Small-Spotted Catshark (*Scyliorhinus canicula*) in European waters. 17th European Elasmobranch Association, Plymouth, UK.
- 11-14/09/2012 Oral Presentation: Global phylogeography and long-term change and biodiversity shifts of *Psychropotes longicauda* (Echinodermata: Holothuroidea) in slopes and deep basins along the European margins. 3rd HERMIONE conference, Carvoeiro, Portugal.
- 11-14/09/2012 Poster Presentation: Phylogenetic analysis of deep-sea corals (Octocorallia) in the Atlantic Ocean. 3rd HERMIONE conference, Carvoeiro, Portugal.
- 11-15/04/2011 Oral Presentation: Genetic Identification and Molecular Phylogeny of Elaspodida (Echinodermata: Holothuroidea) in North Atlantic slopes, basins and canyons. 2nd HERMIONE conference, Estepona, Spain.
- 10-13/11/2010 Poster Presentation: Amplification of Degraded Nuclear and Mitochondrial DNA

from Great White Shark Teeth. 14th European Elasmobranch Association, Galway, Ireland.
7-10/02/2010 Oral Presentation: Application of Molecular Genetics for Conservation of the Great White Shark, *Carcharodon carcharias*, L. 1758. International White Shark Symposium, Hawaii, Honolulu, USA.

23-26/11/2007 Oral Presentation: Population structure of the Great White Shark: an insurmountable opportunity for conservation. 11th European Elasmobranch Association, Brest, France.

1-4/03/2002 Oral Presentation: Ion Chromatographic Determination of Bromide and Bromate in Drinking and Surface Water. 1st Greek Environmental Convention, Thessaloniki, Greece

Research Grants

2025-2026 “Genome assembly and biodiversity monitoring of the Critically Endangered spotted spined loach *Cobitis puncticulata* from Lyra stream, Evros”. Funded by the Natural Environment & Climate Change Agency. Budget: € 19.996,00. Role: PI.

2024-2025 “Next-generation monitoring and mapping tools to assess marine ecosystems and biodiversity (NEMO-Tools)”. Funded by the Hellenic Foundation for Research & Innovation. Budget: € 400.000,00. Role: WP2 Package Leader.

2023-2024 “Biodiversity monitoring and mitogenome characterisation of the Critically Endangered Greek brook lamprey *Caspiomyzon hellenicus* from Tenagi, Filippi (BIOLAMPREY)”. Funded by the Natural Environment & Climate Change Agency. Budget: € 10.000,00. Role: PI.

2022-2022 “Monitoring and evaluation of hydrocarbon exploration and exploitation activities in Crete, BioCrete”. Funded by the Crete Prefecture. Budget: € 13.000,00. Role: Partner Coordinator.

2020-2023 “Monitoring and control of invasive alien species in Greece using innovative techniques under current and future climate conditions (INVASION)”. Funded by the *Operational Programme of Fisheries and Sea (Innovation in Aquaculture) 2014-2020*. Budget: € 462.603,66. Role: Coordinator.

2019-2026 “Batoids on your plate: Species composition of the Mediterranean ray trade”. Funded by *Save Our Seas Foundation (SOSF)*. Budget: \$ 46.000,00. Role: PI.

2019-2020 “Species composition of the Greek ray trade”. Funded by *Fisheries Society of the British Isles (FSBI)*. Budget: £ 3.472,00. Role: PI.

Reviewing Activities

1. Grant Proposal Evaluator, National Research Foundation, Portugal. 2024.

2. PhD External Examiner. Dimitra Marmara: Study on microplastic particles ingestion and the occurrence of related chemical additives in commercial fish species across different habitats of North Aegean Sea. University of Aegean, Greece. Supervisors: Krasakopoulou, E., Brundo M. V., Katsanevakis, S. 2024

3. PhD External Examiner. Danielle Louise Davenport: Applications of genomic methods to investigate shark populations of conservation concern. University of Queensland, Australia. Supervisors: Ovenden, J., Dudgeon, C., Bennett, M., Nielsen, E.E., Huvneers, C., Butcher. P. 2022.

4. Grant Proposal Evaluator, National Research Foundation, South Africa. 2021.

5. Task Force on Elasmobranchs, CIESM - Mediterranean Science Commission (CIESM). 2020-present.

Reviewer in Scientific Journals

2011-current: Reviewer for numerous Scientific Journals, including *Molecular Ecology*, *Biology Letters*, *Scientific Reports*, *Journal of Biogeography*, *Diversity and Distributions*, *Marine Biology*, *PeerJ*, *Fisheries Research*, *Marine and Freshwater Research*, *BMC Genetics*, *PeerJ* and *African Journal of Aquatic Science*.

Supervisory responsibilities

25 undergraduates (Greece, Brazil, and UK), 14 Master's and 5 PhD students.

Scholarships

2023 Royal Society Wolfson Visiting Fellowship
2011 HERMIONE training bursary
2010 International White Shark Symposium Travel Grant
2007 Aberdeen University Travel Grant
2006 Heredity Fieldwork and Training grant
2004-2007 University of Aberdeen Ph.D. studentship
2004-2007 CASE Ph.D. studentship (Marine Biological Association)

Other Qualifications

2002 Degree in Piano – Practical and teaching skills
1997 Diploma from the International Air Transport Association
1995 Degree in Theory of Music

Field expeditions

July 2018, July 2019, July 2020, July 2021, July 2022, July 2023, July 2024 MEDITS (International Bottom Trawl Survey in the Mediterranean), North Aegean, Greece.
June 2023 MEDITS (International Bottom Trawl Survey in the Mediterranean), Cyprus.
Aug 2016 – Sep 2016 New Caledonia, Western Samoa, Fieldwork for Population Genomics of Tropical eels project.
Aug 2011 – Aug 2011 RRS *James Cook* Cruise JC062, National Oceanography Centre, Southampton, UK, Fieldwork for HERMIONE project.
Nov 2006 – Nov 2006 South Africa. Fieldwork campaign for Ph.D.
Oct 2004 – Oct 2004 Natal Sharks Board, Durban, South Africa. Fieldwork campaign for Ph.D.