

Short CV

- BSc in Biology, School of Biology, Aristotle University of Thessaloniki (1986)
- PhD in Biology, School of Biology, Aristotle University of Thessaloniki (1991), with the PhD research performed in the Department of Zoology of the Hebrew University (Jerusalem, Israel) under fellowships
- Post-doctoral fellow at the Hadassah School of Dental Medicine of the Hebrew University (1991-1993)

Research Interests: Biodiversity conservation and environmental restoration of inland waters; taxonomy, biology, geographic distribution, abundance and ecology of freshwater fish; water management and flood prediction; fisheries management; invasive alien fish species.

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Since 1995, Dr Stoumboudi works as a Researcher at the Hellenic Centre for Marine Research, where she holds the positions of Research Director at the Institute of Marine Biological Resources and Inland Waters since 2008, Deputy Director (2015-2019), Director of the same Institute since 2022 and Vice-President of the Board of Directors of HCMR since 2025.

She has participated in 47 Research and Development Projects, in 24 acting as scientific coordinator and/or project manager. She has authored or coauthored 49 peer reviewed publications and one monograph, as well as 30 extended abstracts and 51 abstracts in congress proceedings and more than 80 technical reports and deliverables of research projects. She was a member of the Editorial Board of the Electronic Journal of Ichthyology and is a referee in several international scientific journals. She participated as expert in the IUCN working group for freshwater fishes, as an alternate member in the Natura 2000 Committee of the Ministry of Environment and Energy (2020-2022) and as member of the Scientific Council of the National Documentation Centre (2017-2019). She is a member of the Monitoring Committee for the "Environment and Climate Change" Programme 2021-2027 of the Ministry of Environment and Energy (since 2022).

She is a member of the European Society of Ichthyologists (EIS) since 1989 and elected board member of the EIS during the period 2001-2012 (2001-2007 Treasurer, 2008-2012 President). She is also a member of the Association of Greek Researchers since 1999 and elected board member during 2009-2015 (2009-2012 Secretary General, 2012-2015 President).

Publications

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Recent publications in International, peer-reviewed journals

- Demetriou J., Martinou A.F., Bowler D., Peyton J., Pescott O.L., Michailidis N., Mountford O., Onete M., **Stoumboudi M.**, Rathod B., van Breda J., Roy H.E. & Zenetos A. (2025). The Cyprus Database of Alien Species (CyDAS). Scientific Data 12, 1881. <https://doi.org/10.1038/s41597-025-06151-w>
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- Vagenas G., Theodoropoulos C., Moutaouakil S., Benaissa H., Fendane Y., El Rharras A., Oikonomou A., **Stoumboudi M.Th.**, Dimitriou E., M. Ghamizi M. & Stamou A. (2024). Ecohydraulics-based environmental flow assessment in two arid North African rivers. Science of the Total Environment 954, 176373. <https://doi.org/10.1016/j.scitotenv.2024.176373>
- Spiliopoulou K., Rigal F., Plumptre A.J., Trigas P., Paragamian K., Hochkirch A., Lymberakis P., Portolou D., **Stoumboudi M.Th.** & Triantis K.A. (2024). KBAScope: key biodiversity area identification in R. Ecography 2024(9). <https://doi.org/10.1111/ecog.07061>
- He K., Yang, Q. Shen X., Dimitriou E., Mentzafou A., Papadaki C., **Stoumboudi M.**, & Anagnostou E.N. (2024). Brief communication: Storm Daniel Flood Impact in Greece 2023: Mapping Crop and Livestock Exposure from SAR, Nat. Hazards Earth Syst. Sci., 24, 2375–2382. <https://doi.org/10.5194/nhess-24-2375-2024>
- Ulman A., Abd Rabou A.F.N., Al Mabruk S., Bariche M., Bilecenoğlu M., Demirel N., Galil B.S., Hüseyinoğlu M.F., Jimenez C., Hadjioannou L., Kosker A.R., Peristeraki P., Saad A., Samaha Z., **Stoumboudi M.Th.**, Temraz T.A. & Karachle P.K. (2024). Assessment of Human Health Impacts from Invasive Pufferfish (Attacks, Poisonings and Fatalities) across the Eastern Mediterranean. Biology, 13(4):208. <https://doi.org/10.3390/biology13040208>
- Vagenas, G., Karachle, P.K., Oikonomou, A., **Stoumboudi M.Th.** & Zenetos A. (2024). Decoding the spread of non-indigenous fishes in the Mediterranean Sea. Scientific Reports 14, 6669. <https://doi.org/10.1038/s41598-024-57109-8>
- Papantoniou G., Zervoudaki S., Assimakopoulou G., **Stoumboudi M.Th.** & Tsagarakis K. (2023). Ecosystem-level responses to multiple stressors using a time-dynamic food-web model: The case of a re-oligotrophicated coastal embayment (Saronikos Gulf, E Mediterranean). Science of the Total Environment, 903 165882. <https://doi.org/10.1016/j.scitotenv.2023.165882>
- Spiliopoulou K., Brooks T.M., Dimitrakopoulos P.G., Oikonomou A., Karavatsou F., **Stoumboudi M.Th.** & Triantis K.A. (2023). Protected areas and the ranges of threatened species: Towards the EU Biodiversity Strategy 2030. Biological Conservation 284, 110166. ISSN 0006-3207, <https://doi.org/10.1016/j.biocon.2023.110166>
- Tsagarakis K., Libralato S., Giannoulaki M., Touloumis K., Somarakis S., Machias A., Frangoulis C., Papantoniou G., Kavadas S. & **Stoumboudi M.T.** (2022). Drivers of the North Aegean Sea ecosystem (Eastern Mediterranean) through time: insights from multidecadal retrospective analysis and future simulations. Frontiers in Marine Science, 9. <https://doi.org/10.3389/fmars.2022.919793>
- Vagenas G., Oikonomou A., Karachle P.K., Petriki O. & **Stoumboudi M.Th.** (2022). Trophic patterns of freshwater fish across the Balkan Biodiversity Hotspot. Water, 14(7), 1112. [doi:10.3390/w14071112](https://doi.org/10.3390/w14071112)
- Vagenas G., **Stoumboudi M.Th.**, Petriki O., Andriopoulou A., Tsionki I. & Karachle P.K. (2022). Dietary patterns of five freshwater fish species in a large Mediterranean Lake. Journal of Freshwater Ecology 37(1), 203-220. <https://doi.org/10.1080/02705060.2022.2034674>

- Douligeri A., Tsionki I., Petriki O., **Stoumboudi M.Th.** & Moutopoulos D.K. (2021) Length-weight relationships and condition factors of the sand smelt *Atherina boyeri* (Risso, 1810) estimated from commercial and experimental catches in Lake Trichonis (Western Greece). *Acta Adriatica* 62(2), 209 - 218. https://acta.izor.hr/acta/pdf/62_2_pdf/62_2_8.pdf
- Petriki O., Moutopoulos D.K., Tsagarakis K., Tsionki I., Papantoniou G., Mantzouni I., Barbieri R. & **Stoumboudi M.** (2021). Assessing the Fisheries and Ecosystem Structure of the Largest Greek Lake (Lake Trichonis). *Water* 2021, 13(23), 3329. <https://doi.org/10.3390/w13233329>
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- Tsionki I., Petriki O., Leonardos I.D., Karachle P.K. & **Stoumboudi M.Th.** (2021). Length-weight relationships of 6 fish species caught in a Mediterranean lake (Trichonis-NW Greece). *Journal of Applied Ichthyology* 00, 1–4. <https://doi.org/10.1111/jai.14213>
- Spiliopoulou K., Dimitrakopoulos P.G., Brooks T.M. Kelaidi G., Paragamian K., Kati V., Oikonomou A., Vavylis D., Trigas P., Lymberakis P., Darwall W., **Stoumboudi M.Th.** & Triantis K. A. (2021). The Natura 2000 network and the ranges of threatened species in Greece. *Biodiversity Conservation* <https://doi.org/10.1007/s10531-021-02125-7>
- Tsaparis D., Konstantinidis I., Palandacic A., Kalogianni E., **Stoumboudi M.Th.**, Barbieri R., Vardakas L., Koutsikos N. & Tsigenopoulos C.S. (2021). DNA barcoding provides new insights on the distribution, systematics and conservation of the freshwater genus *Pelagus* (Cypriniformes: Cyprinidae) in Greece. *Hydrobiologia* 848, 1163–1176. <https://doi.org/10.1007/s10750-021-04526-9>
- Moutopoulos D.K., Petriki O., Ramfos A., **Stoumboudi M.Th.**, Stergiou K.I. & Bobori D.C. (2020). Portraying fisheries and ecological status of a Mediterranean lake. *Acta Ichthyologica et Piscatoria* 50(1), 71–83.
- Barbieri R., **Stoumboudi M.**, Kalogianni E. & Leonardos I. (2020). First report on the spawning migration and early life development of a cyprinid species of the genus *Telestes*. *Journal of Applied Ichthyology*, 36(6), 817-824. <https://doi.org/10.1111/jai.14094>