

## Europass Curriculum Vitae



### Personal information

**First name(s) / Surname(s)** Catherine Tsangaris  
**Address(es)** Hellenic Centre for Marine Research, 46.7 km Athinon-Souniou Ave., 19013, Anavyssos, Greece  
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**Gender** female

### Work experience

<b>Dates</b>	2014-date
<b>Occupation or position held</b>	Senior Researcher
<b>Main activities and responsibilities</b>	Research field: biological effects of pollution, biomarkers of pollutant exposure and effects, bioassays, contaminants in marine biota, marine litter, microplastics Coordination, participation in EU and national research projects related to pollution effects, marine litter including microplastics, environmental impact assessment and environmental monitoring in marine coastal waters. Scientific responsible for HCMR of the Plastic Busters MPAs project. Task responsible in support projects related to MSFD implementation (DG ENV Framework contract for services related to development of methodological standards in relation to good environmental status of the seas under MSFD). Laboratory and field work, scientific papers, reports, proposal writing, training of students. National expert responsible for MSFD Descriptor 9 in HCMR team on MSFD implementation for Greece.
<b>Name and address of employer</b>	Institute of Oceanography, H.C.M.R., 46.7 km Athinon-Souniou Ave., 19013, Anavyssos, Greece
<b>Type of business or sector</b>	Research Organization
<b>Dates</b>	2006 to 2014
<b>Occupation or position held</b>	Associate Researcher
<b>Main activities and responsibilities</b>	Coordination, participation in EU and national research projects related to related to pollution effects, environmental impact assessment and environmental monitoring in marine coastal waters. Task responsible in support projects related to MSFD implementation (DG ENV Framework contract for services related to development of methodological standards in relation to good environmental status of the seas under MSFD). Laboratory and field work, scientific papers, reports, proposal writing, training of students. Training course on biomarkers of pollution for research scientists in the framework of PERSEUS project. National expert responsible for MSFD Descriptor 10 in HCMR team on MSFD implementation for Greece.
<b>Name and address of employer</b>	Institute of Oceanography, H.C.M.R., 46.7 km Athinon-Souniou Ave., 19013, Anavyssos, Greece
<b>Type of business or sector</b>	Research Organization
<b>Dates</b>	2003-2006
<b>Occupation or position held</b>	Research Scientist
<b>Main activities and responsibilities</b>	Participation in EU and national research projects related to pollution effects, pollution assessment and environmental monitoring in marine coastal waters.
<b>Name and address of employer</b>	Institute of Oceanography, H.C.M.R., 46.7 km Athinon-Souniou Ave., 19013, Anavyssos, Greece
<b>Type of business or sector</b>	Research Organization
<b>Dates</b>	1999-2003
<b>Occupation or position held</b>	Research Scientist

Main activities and responsibilities	Participation in EU and national research projects related to environmental stress effects in cultured fish.
Name and address of employer	Institute of Biological Resources, N.C.M.R, Agios Kosmas, 16777, Ellinikon, Greece
Type of business or sector	Research Organization
Dates	1996-1999
Occupation or position held	Research Scientist
Main activities and responsibilities	Participation in EU and national research projects related to pollution effects and pollution assessment in marine coastal waters.
Name and address of employer	Institute of Oceanography, N. C.M.R, Agios Kosmas, 16777, Ellinikon, Greece
Type of business or sector	Research Organization

### Education and training

Dates	1996-2002
Title of qualification awarded	PhD in Ecotoxicology
Principal subjects/occupational skills covered	Pollution effects at the organism, cellular and biochemical level.
Name and type of organisation providing education and training	Dept of Biology, National and Kapodistrian University of Athens
Level in national or international classification	Doctoral Degree
Dates	1991-1993
Title of qualification awarded	MSc in Environmental Biology
Principal subjects/occupational skills covered	Heavy metal pollution; Heavy metal uptake, accumulation and detoxification in marine organisms
Name and type of organisation providing education and training	Dept. of Environmental Biology, University of Manchester
Level in national or international classification	Postgraduate education
Dates	1985-1991
Title of qualification awarded	BSc in Biology
Principal subjects/occupational skills covered	Biology
Name and type of organisation providing education and training	Dept of Biology, National and Kapodistrian University of Athens
Level in national or international classification	Third Grade Education

### Personal skills and competences

Mother tongue(s) **Greek**

Other language(s)

Self-assessment

*European level (\*)*

**English**

**French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user
B1	Independent user	B1	Independent user	A1	Basic User	A1	Basic User	A2	Basic User

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Social and communication skills, team working, good ability to adapt in a multilingual and multicultural environment, student's training.

Organisational skills and competences

Project co-ordination and management, responsible of work-packages in research projects. Participation in organizational committees of scientific congresses and workshops.

Technical skills and competences	High competence in technical issues and methodologies in the field of ecotoxicology, biomarkers and bioassays, microplastics in marine biota Participation in international workshops on biomarkers of pollution. Participation in intercalibration exercises on biological effect methods. Organization of training course on biomarkers of pollution.
Computer skills and competences	High competence in all Microsoft office applications and statistical analysis software.
Other skills and competences	Reviewer for scientific journals: <i>Ecotoxicology and Environmental Safety</i> , <i>Science of the Total Environment</i> , <i>Marine Environmental Research</i> , <i>Ecotoxicology</i> , <i>Journal of the Marine Biological Association of the United Kingdom</i> , <i>Environmental Monitoring and Assessment</i> , <i>Chemistry and Ecology</i> , <i>Water Science and Technology</i> , <i>Environmental Science and Pollution Research</i> , <i>Marine Pollution Bulletin</i> , <i>Environmental Pollution</i>
<b>Annexes</b>	1. Selected Publications (since 2000) 2. Participation in scientific projects (since 2000)

## Annex 1. Selected Publications (since 2000)

- Bray, L., Digka, N., **Tsangaris, C.**, Camedda, A., Gambaiani, D., de Lucia, G. A., Matiddi, M., Miaud, C., Palazzo, L., Pérez-del-Olmo, A., Raga, J. A. Silvestri, C., Kaberi, H. 2019. Determining suitable fish to monitor plastic ingestion trends in the Mediterranean Sea, *Environmental Pollution* 247, 1071-1077. <https://doi.org/10.1016/j.envpol.2019.01.100>
- Protopapa, M., Zervoudaki, S., **Tsangaris, C.**, Velaoras, D., Koppelman, R., Psarra, S., Möllmann, C. Zooplankton distribution, growth and respiration in the Cretan Passage, Eastern Mediterranean. 2019. *Deep-Sea Research Part II: Topical Studies in Oceanography*, 164, 156-169. <https://doi.org/10.1016/j.dsr2.2019.03.001>
- Matiddi, M., deLucia, G.A., Silvestri, C., Darmon, G., Tomás, J., Pham, C.K., Camedda, A., Vandeperre, F., Claro, F., Kaska, Y., Kaberi, H., Revuelta, O., Piermarini, R., Daffina, R., Pisapia, M., Genta, D., Sözbilen, D., Bradai, M.N., Rodríguez, Y., Gambaiani, D., Tsangaris, C., Chaieb, O., Moussier, J., Loza, A.L., Miaud, C., INDICIT consortium. 2019. Data Collection on Marine Litter Ingestion in Sea Turtles and Thresholds for Good Environmental Status. *Journal of visualized experiments : JoVE*, (147).
- Leris, I., Kalogianni, E., **Tsangaris, C.**, Smeti, E., Laschou, S., Anastasopoulou, E., Vardakas, L., Kapakos, Y., Skoulikidis, N. Th. 2019. Acute and sub-chronic toxicity bioassays of Olive Mill Wastewater on the Eastern mosquitofish *Gambusia holbrooki*. *Ecotoxicology and Environmental Safety* 175, 48-57. <https://doi.org/10.1016/j.ecoenv.2019.03.025>
- Digka, N., **Tsangaris, C.**, Torre, M., Anastasopoulou, A., Zeri, C., 2018. Microplastics in mussels and fish from the Northern Ionian Sea. *Marine Pollution Bulletin* 135, 30–40. <https://doi.org/10.1016/j.marpolbul.2018.06.063>
- Anastasopoulou, A., Viršek, M. C., Varezić, D. B., Digka, N., Fortibuoni, T., Koren, Š., Mandić, M., Mytilineou, C., Pešić, A., Ronchi, F., Šiljić, J., Torre, M., **Tsangaris, C.**, Tutman, P., 2018. Assessment on marine litter ingested by fish in the Adriatic and NE Ionian Sea macro-region (Mediterranean), *Marine Pollution Bulletin* 133, 841-851. <https://doi.org/10.1016/j.marpolbul.2018.06.050>
- Fossi M.C., Pedà, C., Compa, M., **Tsangaris, C.**, Alomar, C., Claro, F., Ioakeimidis, C., Galgani, F., Hema, H., Deudero, S., Romeo, T., Battaglia, P., Andaloro, F., Caliani, I., Casini, S., Panti, P., Bains, M. 2018. Bioindicators for monitoring marine litter ingestion and its impacts on Mediterranean biodiversity *Environmental Pollution* 237. 1023-1040. <https://doi.org/10.1016/j.envpol.2017.11.019>
- Digka N., **Tsangaris C.**, Kaberi H., Adamopoulou A., Zeri C. 2018. Microplastic Abundance and Polymer Types in a Mediterranean Environment. In *Proceedings of the International Conference on Microplastic Pollution in the Mediterranean Sea*, p 17-24. DOI:10.1007/978-3-319-71279-6\_3.
- Prevenios, M., Zeri, C., **Tsangaris, C.**, Liubartseva, S., Fakiris, E., Papatheodorou, G. 2017. Beach litter dynamics on Mediterranean coasts: Distinguishing sources and pathways, *Marine Pollution Bulletin*, In Press, <https://doi.org/10.1016/j.marpolbul.2017.10.013>
- Torre M., Digka N., Anastasopoulou A., **Tsangaris C.**, Mytilineou Ch. 2016. Anthropogenic microfibrils pollution in marine biota. A new and simple methodology to minimize airborne contamination, *Marine Pollution Bulletin*, 113, 55-61.
- Kalantzi, I., Zeri C., Catsiki V.A., **Tsangaris C.**, Stroglyoudi E., Kaberi H., Vergopoulos N., Tsapakis M. 2016. Assessment of the use of copper alloy aquaculture nets: Potential impacts on the marine environment and on the farmed fish. *Aquaculture* 465, 209–222.
- Tsangaris C.**, Moschino V., Stroglyoudi E., Coatu V., Ramšak A., Abu Alhaja R., Carvalho S., Felling S., Kosyan A., Lazarou Y., Hatzianestis I., Oros A., Tiganus D. 2016. Biochemical biomarker responses to pollution in selected sentinel organisms across the Eastern Mediterranean and the Black Sea. *Environ Sci Pollut Res* 23(2): 1789-804. doi: 10.1007/s11356-015-5410-x.
- Tsangaris C.**, Kaparou D., Bordbar L., Simboura N., Karris G. 2016. An integrated investigation of biomarkers' response in crabs (*Liocarcinus depurator*) and benthic indices at a metalliferous waste discharge area in North Evoikos gulf, Greece. *Toxicological and Environmental Chemistry*: 98:10, 1211-1226. DOI: 10.1080/02772248.2015.1095919
- Katsiaras, N., Simboura, N., **Tsangaris, C.**, Hatzianestis, I., Pavlidou, A., Kapsimalis, V. 2015. Impacts of dredged-material disposal on the coastal soft-bottom macrofauna, Saronikos Gulf, Greece. *Science of The Total Environment* 508:320-33
- A. Crise, H. Kaberi, J. Ruiz, A. Zatsepin, E. Arashkevich, M. Giani, A.P. Karageorgis, L. Prieto, M. Pantazi, D. Gonzalez-Fernandez, M. Ribera d'Alcalà, V. Tornero, V. Vassilopoulou, X. Durrieu de Madron, C. Guieu, P. Puig, A. Zenetos, B. Andral, D. Angel, D. Altukhov, S.D. Ayata, Y. Aktan, E. Balcioglu, F. Benedetti, M. Bouchoucha, M.-C. Buia, J.-F. Cadiou, M. Canals, M. Chakroun, E.

- Christou, M.G. Christidis, G. Civitarese, V. Coatu, M. Corsini-Foka, S. Cozzi, A. Deidun, A. Dell'Aquila, A. Dogrammatzi, C. Dumitrache, D. Edelist, O. Ettahiri, S. Fonda-Umani, S. Gana, F. Galgani, S. Gasparini, A. Giannakourou, M.-T. Gomoiu, A. Gubanova, A.-C. Gücü, Ö. Gürses, G. Hanke, I. Hatzianestis, B. Herut, R. Hone, E. Huertas, J.-O. Irisson, M. İşinibilir, J.A. Jimenez, S. Kalogirou, K. Kaporis, V. Karamfilov, S. Kavadas, Ç. Keskin, A.E. Kideys, M. Kocak, G. Kondylatos, C. Kontogiannis, R. Kosyan, P. Koubbi, G. Kušpilić, R. La Ferla, L. Langone, S. Laroche, L. Lazar, E. Lefkaditou, I.E. Lemesko, A. Machias, A. Malej, M.-G. Mazzocchi, V. Medinets, N. Mihalopoulos, S. Miserocchi, S. Moncheva, V. Mukhanov, G. Oaie, A.A. Oros, A.A. Öztürk, B. Öztürk, M. Panayotova, A. Prospathopoulos, G. Radu, V. Raykov, P. Reglero, G. Reygondeau, N. Rougeron, B. Salihoğlu, A. Sanchez-Vidal, G. Sannino, C. Santinelli, D. Secrieru, G. Shapiro, N. Simboura, T. Shiganova, M. Sprovieri, K. Stefanova, N. Streftaris, V. Tirelli, M. Tom, B. Topaloğlu, N.E. Topçu, K. Tsagarakis, **C. Tsangaris**, G. Tserpes, S. Tuğrul, Z. Uysal, D. Vasile, K. Violaki, J. Xu, A. Yüsek, E. Papanthassiou. 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, <http://dx.doi.org/10.1016/j.marpolbul.2015.03.024>.
- Wolters, H., Galparsoro, I., Castro, R., Korpinen, S., Nurmi, M., **Tsangaris, C.**, Reizopoulou, S., van der Meulen, M., Schipper, C., Roeleveld, G., Uriarte, A., Uyarra, M. C. (2015). Proposal for an assessment method of the ecological coherence of networks of marine protected areas in Europe. <https://circabc.europa.eu/sd/a/b993ca97-579c-4aee-8e0e-22794682ac16/MPA%20coherence%20report-final.pdf>
- Tsangaris, C.**, Stroglyoudi E., Hatzianestis, I., Catsiki, V.-A., Panagiotopoulos, I., Kapsimalis, V. 2014. Impact of dredged urban river sediment on a Saronikos Gulf dumping site (Eastern Mediterranean): sediment toxicity, contaminant levels, and biomarkers in caged mussels. *Environmental Science and Pollution Research* 21:6146–6161, DOI 10.1007/s11356-014-2541-4
- Tsangaris, C.**, Stolte, W., Kaartokallio, H., Iona, A. van der Meulen, M. Simboura, N. 2014. Development of a shared data and information system between the EU and the Regional Sea Conventions. Regional Sea Conventions data and information flows. Final report, September 2014. [https://circabc.europa.eu/sd/a/aff9880d-df5e-44ec-854e-8f098fcff2e5/DIKE\\_10-2014-05b\\_RSCDataReporting\\_Report.pdf](https://circabc.europa.eu/sd/a/aff9880d-df5e-44ec-854e-8f098fcff2e5/DIKE_10-2014-05b_RSCDataReporting_Report.pdf)
- Prins, T., van der Meulen M., Boon A., Simboura N., **Tsangaris C.**, Borja A. Menchaca, I. 2013. Coherent geographic scales and aggregation rules. Analytical report. <http://ec.europa.eu/environment/marine/publications/>
- Tsangaris, C.** Kaberi, H., Catsiki, V.-A. 2013. Metal levels in sediments and transplanted mussels in Pagassitikos Gulf (Aegean Sea, Eastern Mediterranean). *Environmental Monitoring and Assessment*, 185(7):6077-87 doi: 10.1007/s10661-012-3008-z
- Kaberi H., **C. Tsangaris**, C. Zeri, G. Mousdis, A. Papadopoulos and N. Streftaris, 2013: Microplastics along the shoreline of a Greek island (Kea isl., Aegean Sea): types and densities in relation to beach orientation, characteristics and proximity to sources. *Proceedings of the 4th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) and SECOTOX Conference* p 197-202. ISBN: 978-960-6865-68-8, Mykonos island, Greece, June 24-28, 2013
- Kapsimalis, V., Panagiotopoulos, I.P., Hatzianestis, I., Kanellopoulos, T.D., **Tsangaris, C.**, Kaberi, E., Kontoyiannis, H., Rousakis, G., Kyriakidou, C., Hatiris, G.A. 2013. A screening procedure for selecting the most suitable dredged material placement site at the sea. The case of the South Euboean Gulf, Greece. *Environmental Monitoring and Assessment*, 185:10049–10072, doi: 10.1007/s10661-013-3312-2
- Cotou, E., **Tsangaris, C.**, Henry, M. 2012. Comparative study of biochemical and immunological biomarkers in three marine bivalves exposed at a polluted site. *Environmental Science and Pollution Research* 20:1812-1822 DOI 10.1007/s11356-012-1150-3
- Tsangaris, C.**, Hatzianestis, I., Catsiki, V.A., Kormas, K.Ar., Stroglyoudi, E., Neofitou, C., Andral, B., Galgani, F. 2011. Active biomonitoring in Greek coastal waters: Application of the integrated biomarker response index in relation to contaminant levels in caged mussels. *Science of the Total Environment* 412-413, 359–365, doi:10.1016/j.scitotenv.2011.10.028
- Tsangaris, C.**, Vergolyas, M., Fountoulaki, E., Goncharuk, V.V. 2011. Genotoxicity and oxidative stress biomarkers in *Carassius gibelio* as endpoints for toxicity testing of Ukrainian polluted river waters. *Ecotoxicology and Environmental Safety*. 74, 2240–2244. doi:10.1016/j.ecoenv.2011.08.010.
- Tsangaris, C.**, Vergolyas, M., Fountoulaki, E., Nizheradze, K. 2011. Oxidative stress and genotoxicity biomarker responses in grey mullet (*Mugil cephalus*) from a polluted environment in Saronikos Gulf, Greece. *Achieves of Environmental Contamination and Toxicology*. 61:482–490, doi 10.1007/s00244-010-9629-8.
- Kalogianni, E., Alexis, M., **Tsangaris, C.**, Abraham, M., Wendelaar Bonga, S.E., Iger, Y., Van Ham, E.H., Stoumboudi, M.Th. 2011. Cellular responses in the skin of the gilthead sea bream *Sparus aurata* L. and the sea bass *Dicentrarchus labrax* (L.) exposed to high ammonia. *Journal of Fish Biology* 78: 1152–1169, doi:10.1111/j.1095-8649.2011.02922.x.
- Tsangaris, C.**, Kormas, K., Stroglyoudi, E., Hatzianestis, I., Neofitou, C., Andral, B., Galgani, F. 2010. Multiple biomarkers of pollution effects in caged mussels on the Greek coastline. *Comparative Biochemistry and Physiology, Part C* 151: 369–378, doi:10.1016/j.cbpc.2009.12.009.
- Tsangaris, C.**, Cotou, E., Papanthassiou, E., Nicolaidou A. 2010. Assessment of contaminant impacts in a semi-enclosed estuary (Amvrakikos Gulf, NW Greece): Bioenergetics and biochemical biomarkers in mussels. *Environmental Monitoring and Assessment* 161: 259–269. doi: 10.1007/s10661-008-0743-2.
- Tsangaris, C.**, Cotou, E., Hatzianestis, I., Catsiki, V.A. 2010. Anthropogenic Impacts in a Protected Estuary (Amvrakikos Gulf, Greece): Biological Effects and Contaminant Levels in Sentinel Species. In *Estuaries: Types, Movement Patterns and Climatological Impacts* (Editors: J. R. Crane, A. E. Solomon). Nova Science. p149-175. ISBN: 978-1-60876-859-2
- Tsangaris, C.**, Papanthassiou, E., Nicolaidou, A. 2008. Biochemical biomarkers and overall health status of mussels *Mytilus galloprovincialis* exposed to nickel and chromium. *Chemistry and Ecology*, 24/5: 315-327, doi: 10.1080/02757540802368650.
- Tsangaris, C.**, Papanthassiou, E., Cotou, E. 2007. Assessment of the impact of heavy metal pollution from a ferro-nickel smelting plant using biomarkers. *Ecotoxicology and Environmental Safety* 66: 232-243, doi:10.1016/j.ecoenv.2006.03.011.
- Tsangaris, C.**, Stroglyoudi, E., Papanthassiou, E. 2004. Measurement of biochemical markers of pollution in mussels *Mytilus galloprovincialis* from coastal areas of the Saronikos Gulf (Greece). *Mediterranean Marine Science* 5/1: 175-186.

Cotou, E., Papathanassiou E., **Tsangaris C.** 2002. Assessing the quality of marine coastal environments: comparison of scope for growth and Microtox ® bioassay results of pollution gradient areas in eastern Mediterranean (Greece). Environmental Pollution 119: 141-149, doi:10.1016/S0269-7491(01)00337-2.

**Tsangaris, C.**, Cotou, E., Papathanassiou, E. 2002. Multiple biomarker assessment for marine pollution: A case study to distinguish the type of pollutants in Amvrakikos Gulf (Greece). Marine Environmental Research 54: 845.

## Annex 2. Participation in scientific projects (since 2000)

- 2018-2022 PlasticBusters MPAs- Plastic Busters: preserving biodiversity from plastics in Mediterranean Marine Protected Areas. INTEREGG MEDITERRANEAN. Role: Scientific responsible for HCMR.
- 2019-2020 MEDREGION-Support Mediterranean Member States towards the implementation of the Marine Strategy Framework Directive new GES Decision and programmes of measures and contribute to regional/subregional cooperation. EC DG Environment. Scientific expert on D8 contaminants and D9 marine litter.
- 2019-2021 NDICIT II (Implementation Of Indicators Of Marine Litter On Sea Turtles And Biota In Regional Sea Conventions And Marine Strategy Framework Directive Areas, DG ENV. Role: Scientific expert on marine litter impacts.
- 2018-2019 Achieving coherent networks of marine protected areas: analysis of the situation in the Mediterranean Sea. Project under Framework Contract for services to move towards good environmental status of the European marine waters by implementing the Marine Strategy Framework Directive ENV.C.2/FRA/2016/0017. Role: Scientific responsible for HCMR
- 2018-2019 Harmonization and Networking for contaminant assessment in the Ionian and Adriatic Seas. INTEREGG ADRION. Role: Scientific expert on contaminants in biota.
- 2017-2019 INDICIT- Implementation of the indicator “Impacts of marine litter on sea turtles and biota” in RSC and MSFD areas EC DG ENV. Role: Scientific expert on marine litter impacts.
- 2017-2019 MEDCIS- Support Mediterranean Member States towards coherent and coordinated implementation of the second phase of the MSFD. EC DG Environment. Scientific expert on D8 contaminants and D9 marine litter.
- 2016-2019 MEDSEALITTER - Developing Mediterranean-specific protocols to protect biodiversity from litter impact at basin and local MPAs scales. INTEREGG MEDITERRANEAN. Role: Scientific expert on marine litter impacts.
- 2015-2016 ACTION MED -Action Plans for Integrated Regional Monitoring Programmes, Coordinated Programmes of Measures and Addressing Data and Knowledge Gaps in Mediterranean Sea.: EC DG Environment Role: Scientific expert on D8 contaminants and D10 marine litter.
- 2015-2017 LEVECO - Study of the marine and submarine environment and ecosystem of the East Mediterranean, south of Crete Isl. Programming Agreements between Research Centers and GSRT/IKY/SIEMENS 2014-2016. Role: Scientific expert on biomarkers in zooplankton
- 2013-2016 DeFishGear - Derelict Fishing Gear Management System in the Adriatic Region. IPA-Adriatic Cross Border Cooperation (CBC) Programme. Role: Responsible for the development of methodology and protocol for microplastics detection in marine biota and detection of microplastics in marine biota for HCMR.
- 2012-2018 Study of the environmental impact of dumping metalliferous waste in N. Evoikos gulf. Funded by LARCO SA. Role: Project coordinator
- 2014-2015 Development of a shared data and information system between the EU and the Regional Sea Conventions (phase 1). Project under *Framework contract for services related to development of methodological standards in relation to good environmental status of the seas under MSFD* ENV.D.2/FRA/2012/0019. Role: Task leader for tasks 1, 2, Scientific responsible and Project management for HCMR.
- 2013-2015 IRIS SES- Integrated Regional monitoring Implementation Strategy in the South European Seas/IRIS. DG ENV. Role: Scientific responsible for HCMR in Task 1.
- 2013-2015 MERMAID- Marine Environmental targets linked to Regional Management schemes based on Indicators Developed for the Mediterranean (MERMAID), SEAS ERA EU FP7 ERA-NET. Role: Responsible for HCMR for tasks on MSFD D8 and D9 indicators
- 2013-2015 CLEANSEA-Towards a Clean, Litter-Free European Marine Environment through Scientific Evidence, Innovative Tools and Good Governance- ENV.2012.6.2-4- EU- 'The Ocean for Tomorrow'. Role: Research on microplastics in biota from Greek coastal areas,
- 2013-2014 SCALES - Coherent geographic scales and aggregation rules in assessment and monitoring of Good Environmental Status - analysis and conceptual phase. Project under *Framework contract for services related to development of methodological standards in relation to good environmental status of the seas under MSFD* ENV.D.2/FRA/2012/0019. Role: Scientific responsible and Project management for HCMR, Task leader for tasks 1, 2, 3, 4.
- 2013-2014 Develop and test methodology and criteria for assessing coherence, adequacy and representativity of European networks of marine protected areas. Project under *Framework contract for services related to development of methodological standards in relation to good environmental status of the seas under MSFD* ENV.D.2/FRA/2012/0019. Role: Scientific responsible and Project management for HCMR.
- 2013-2014 Copper-Assessment of the use of copper alloy aquaculture nets: Potential impacts on the marine environment. Funded by Hellenic Copper Development Institute. Role: Responsible for the task on the assessment of impacts by means of biological effects measurements.

- 2011-2015 PERSEUS - Policy-oriented marine Environmental Research in the Southern European Seas /EU FP7. Role: Research on marine pollution indicators related to the MSFD Descriptor 8, Organization of training course on biochemical biomarkers of pollution.
- 2011-2012 MIRA-Mediterranean Innovation and Research Coordination Action, Participation in the WP7–Horizon 2020 “National and regional (sub-national) science and technology strategies” group of experts. Role: Scientific expert on pollution in Greek marine coastal waters.
- 2011- 2012 Study of short- and mid-term effects of the pollution caused from the accident of the ship “SEA DIAMOND”. Role: Responsible for the assessment of impacts by means of biological effects measurements.
- 2011 Quality of dredged material that will derive from the project: AHS Aliveriou - Study, provision, installation, and operation of the unit No 5, of combined circle wattage 416.95 MW, with combustible natural gas. Role: Responsible for the assessment of impacts by means of biological effects measurements
- 2010-2011 SARGE Saronikos dumping site. Ministry of Infrastructure, Transport and Networks. Role: Responsible for the assessment of impacts by means of biological effects measurements.
- 2009-2010 Study of the ecological status of the marine environment at the areas Tsigrado and Voudia of Milos island. Funded by S & B Industrial Minerals A.E. Role: Responsible for the task on the assessment of impacts by means of biological effects measurements.
- 2009 PRINOS: Underwater Geological and Environmental Studies in the region of western basin of Prinos, Kavala Aegean Energy SA. Role: Responsible for the Environmental Study.
- 2006-2008 Using cytological and biochemical biomarkers on fish for assessment of anthropogenic pollution of sea and fresh waters, Greece-Ukraine Joint R & T programme/ GSRT, Ministry of Development. Role : Project coordinator.
- 2005-2008 MYTIMED -Développement d'un réseau interrégional de surveillance de la qualité des eaux côtières par des bio-intégrateurs pour la protection durable de la Méditerranée Orientale, Programme Interreg III B MEDOCC - Priority 4, Measure 4.3. Role: Responsible of HCMR for field work and scientific cruises, responsible for the assessment of impacts by means of biological effects measurements
- 2007-2008 New methods to evaluate the contamination of marine ecosystems: Application on certain coastal areas of Tunisia and Greece, Tunisia-Greece Joint R & T programme/ GSRT, Ministry of Development. Role: Responsible for work on biochemical biomarkers
- 2005-2008 Biological effects of antifouling and bacteriostatic compounds used in the Mediterranean mariculture industry today, Greece-Spain Joint R & T programme/ GSRT, Ministry of Development. Role: Responsible for work on biochemical biomarkers.
- 2005-2006 Heavy metal bioaccumulation study in the gulf of Hellenic Shipyards S.A., Hellenic Shipyards S.A. Role: Toxicity tests.
- 2001-2003 BEEP: Biological Effects of Environmental Pollution in Marine Coastal Ecosystems, EVK3-CT-2000-00025/EU. Role: Scientific responsible for HCMR i.e. application of established (core) biomarkers in the field and development and application of new analytical methods for assessing endocrine disruption.
- 1999-2002 FISCI: A new bio-index for the assessment of stress condition in cultured marine fish, FAIR-PL98-4217/EU. Role: Responsible for co ordination, planning and performing laboratory exposure experiments, haematological analyses and cellular analyses.
- 1999-2001 Algae as a source of bioactive metabolites with applications in aquaculture and human health, PENED programme/ GSRT, Ministry of Development. Role: Responsible for the work on the effects of Cu exposure on the antioxidant defense of fish fed with various algae.