



UNIVERSITÀ
POLITECNICA
DELLE MARCHE



UNIVERSITAT DE
BARCELONA



Agencia nazionale per le nuove tecnologie,
l'energia e lo sviluppo economico sostenibile



CSIC



CNR
Consiglio Nazionale
delle Ricerche



ISMAR
Istituto di Scienze Marine



L-Università
ta' Malta



STEINHARDT
museum
of natural
history

ISRAEL NATIONAL CENTER
FOR BIODIVERSITY STUDIES
TEL AVIV UNIVERSITY תל אביב

Dear colleague,

We are pleased to send you the fourth newsletter of the IDEM project (“Implementation of the MSFD to the DEep Mediterranean Sea”). The IDEM project involves institutional partners of the Mediterranean area from EU and non-EU countries. The IDEM consortium is composed by 9 partners belonging to 6 countries: Università Politecnica delle Marche (coordinator, UNIVPM, Italy), Consiglio Nazionale delle Ricerche (CNR, Italy), Agencia Estatal Consejo Superior de Investigaciones Científicas (CSIC, Spain), Department of Fisheries and Marine Research - Ministry of Agriculture, Rural Development and Environment (DFMR, Cyprus), Agenzia Nazionale per le Nuove Tecnologie, l’Energia e lo Sviluppo Economico Sostenibile (ENEA, Italy), Institut Français de Research pour l’Exploitation de la Mer (IFREMER, France), Tel Aviv University (TAU, Israel), Universitat de Barcelona (UB, Spain) and University of Malta (UM, Malta).

The two-years project IDEM (started in 2017 April) has been funded by DG Environment of the European Commission through the call “Implementation of the Second Cycle of the Marine Strategy Framework Directive: achieving coherent, coordinated and consistent updates of the determinations of Good Environmental Status, Initial Assessments and Environmental Targets”.

The IDEM project website www.msfd-idem.eu provides information on news, main activities in progress, expected results, research products, and events. Stakeholders are welcome for the establishment of a participatory multi-actor dialogue among researchers, policy makers, civil society organisations, NGOs and citizens.

New reports!

We are pleased to share two IDEM deliverables:

- Report 2.2. “Report on the first assessment of the deep Mediterranean environmental status” ;
- Report 2.3. “Report on habitat/ecosystems/pressure mapping in GIS.

Both reports 2.2 and 2.3 are available by request to the IDEM project e-mail idemproject@univpm.it.

Other deliverables are available online in our project website www.msfd-idem.eu (Section Research products → [deliverables](#)):

- Report 1.1. “Review and collection of the available datasets on indicators and human pressures/impacts on Mediterranean deep-sea ecosystems”(<http://doi.org/10.13155/53809>).
- Report 2.1. “Report on the review and collection of the available datasets on indicators and human pressures/impacts on Mediterranean deep-sea ecosystems” (<http://doi.org/10.12910/EAI2018-074>)

Forthcoming event

Israel, Tel Aviv. February 5-7, 2019

The next IDEM [workshops](#) M3.1 “*Gaps and needs for the implementation of the MSFD in the Mediterranean deep sea*” & M4.1 “*Guidelines for the definition of deep-sea protected areas*” will take place in Tel Aviv, Israel, 5-7 February 2019.

Venue: The Steinhardt Museum of Natural History at Tel Aviv University Tel Aviv.

The Symposium – “Gaps and needs for the implementation of the MSFD in the Mediterranean deep sea” – is open to the public on Wednesday 6 February (hours 09.30 - 16.30).

The [agenda](#) of the symposium is now available.

[Invitations](#) to the Steinhardt Museum of Natural History at Tel Aviv ([website](#)).

Recent IDEM event



October 23-24, 2018 -Meeting “Communication du projet européen IDEM (Implementation of the MSFD to the Deep Mediterranean Sea)” vers les pilotes scientifiques et les responsables de la DCSMM ", organized by the Institut Français de Recherche pour l'Exploitation de la Mer (Ifremer). DIRM (Marseille), Ifremer - Center of Mediterranean (Z.P. Bregailon, La Seyne sur Mer). [Press release](#).

“Valletta Declaration”

The IDEM project coordinator (Prof. R. Danovaro), the project team and the stakeholders participating at the workshop “*First assessment of the deep Mediterranean environmental status*” held at the University of Malta, Valletta Campus (5 – 7 September, 2018) agreed to jointly sign a call to the Member and Associated States, the European Commission and the Parliament for a transnational

cooperation for implementing the Marine Strategy Framework Directive in the deep Mediterranean Basin: the “[Valletta Declaration](#)”. This document, written during the progress of the workshop, highlights the need for a transnational cooperation to build the synergies in research efforts, the building capacity and standardisation of future data collected, and an holistic approach across the entire Mediterranean Sea. The "Valletta Declaration" has been already signed by many scientists, considering their projects or Institutions.

THE VALLETTA DECLARATION IS OPEN TO STAKEHOLDERS WHO WISH TO SIGN IT BY SENDING A MESSAGE TO THE IDEM PROJECT E-MAIL (idemproject@univpm.it) TO JOIN THE LIST.

Publications

➤ *Articles, abstracts, reports*

- Junqué E., Garí M., Llull R.M. and Grimalt J.O. (2018). Drivers of the accumulation of mercury and organochlorine pollutants in Mediterranean lean fish and dietary significance. *Science of the total Environment* 634: 170-180. [Abstract](#)
- Llull R.M., Garí M., Canals M., Rey-Maqueira T., Grimalt J.O. (2017). Mercury concentrations in lean fish from the Western Mediterranean Sea: Dietary exposure and risk assessment in the population of the Balearic Islands. *Environmental Research* 158: 16–23. [Abstract](#)
- Levin N., Kark S. and Danovaro R. (2017). Adding the Third Dimension to Marine Conservation. *Conservation letters* September 2017: 1-14. [Abstract](#)
- Salvadó J.A., Grimalt J.O., López J.F., Palanques A., Heussner S., Pasqual C., Sanchez-Vidal A. and Canals M. (2017). Transfer of lipid molecules and polycyclic aromatic hydrocarbons to open marine waters by dense water cascading events. *Progress in Oceanography* 159: 178-194. [Abstract](#)
- Fabri M.C., Brind'Amour A., Jadaud A., Galgani F., Vaz S., Taviani M., Scarcella G., Canals M., Sánchez A., Grimalt J., Galil B., Goren M., Schembri P., Evans J., Fanelli E., Carugati L., Danovaro R. (2018). Review of literature on the implementation of the MSFD to the deep Mediterranean Sea. IDEM project, Deliverable 1.1. <http://doi.org/10.13155/53809>
- Fanelli, E., Bianchelli, S., & Danovaro, R. (2018). Deep-sea mobile megafauna of Mediterranean submarine canyons and open slopes: Analysis of spatial and bathymetric gradients. *Progress in Oceanography* 168: 23-34.
- Danovaro, R. (2018). Climate change impacts on the biota and on vulnerable habitats of the deep Mediterranean Sea. *Rendiconti Lincei. Scienze Fisiche e Naturali*, 1-17.
- Salvadó, J. A., Grimalt, J. O., López, J. F., Palanques, A., & Canals, M. (2019). Influence of deep water formation by open-sea convection on the transport of low hydrophobicity organic pollutants in the NW Mediterranean Sea. *Science of The Total Environment* 647: 597-605.

➤ *Book chapters*

- Aymà A., Aguzzi J., Canals M., Company J.B., Lastras G., Mecho A., Lo Iacono C. Occurrence of living cold-water corals at large depths within the submarine canyons of the northwestern Mediterranean Sea C. Orejas and C. Jiménez (eds.): *Mediterranean CWC: past present and future*, Springer series “Coral Reefs of the world”, Springer, Berlin, Heidelberg. In press.

- Lastras G., Sánchez-Vidal A., Canals M. Discovery of a new cold-water coral habitat in La Fonera submarine canyon, Northwestern Mediterranean Sea C. Orejas and C. Jiménez (eds.): Mediterranean CWC: past present and future, Springer series “Coral Reefs of the world”, Springer, Berlin, Heidelberg. In press <https://www.springer.com/us/book/9783319916071>

Links

The following are links to some websites that are worth consulting for actions and/or Projects related to the implementation of the MSFD:

- European Commission / Environment – Policies – Marine and Coast – Our Oceans, Seas and Coasts: http://ec.europa.eu/environment/marine/index_en.htm
- Support Mediterranean Member States towards coherent and coordinated implementation of the second phase of the MSFD: <http://medcis.eu>
- General Fisheries Commission for the Mediterranean (GFCM): <http://www.fao.org/gfcm/en/>
- QUIETMED - A joint programme on underwater noise (D11) for the implementation of the Second Cycle of the MSFD in the Mediterranean Sea: <http://www.quietmed-project.eu/>
- INDICIT - Implementation Of Indicators Of Marine Litter On Sea Turtles And Biota In Regional Sea Conventions And Marine Strategy Framework Directive Areas: <https://indicit-europa.eu/>
- ATLAS Project - A transatlantic assessment and deep-water ecosystem-based spatial management plan for Europe: <https://www.eu-atlas.org/>

Kind regards,

Giancarlo Morgana
IDEM Project – Task 4.2- Stakeholders inclusion



For further details see the Idem website www.msfd-idem.eu



www.twitter.com/Idemproject



<https://www.researchgate.net/project/IDEM-Project>

Feel free to contact us if you have any queries.
Contact: idemstakeholders.project@enea.it



This project has received funding from the European Union's DG Environment programme under grant agreement No 11.0661 /2017/750680/SUB/EN V.C2.

www.msfd-idem.eu

Want to change how you receive these emails? You can update your preferences or unsubscribe from this list replying to this message