

GoTTs Annual Report 2020

Gulf of Trieste – Time-series (GoTTs)



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Selected highlights

Publications since last report

Please add all publications since last report to the table below (see notes for details on “Class” and “Activity” fields).

Publication with DOI	Class 1, 2, 3	Activity*
Manna V., Fabbro C., Cerino F., Bazzaro M., Del Negro P., Celussi M. (2019) “Effect of an extreme cold event on the metabolism of planktonic microbes in the northernmost basin of the Mediterranean Sea” <i>Estuarine Coastal and Shelf Science</i> 225, 106252. https://doi.org/10.1016/j.ecss.2019.106252	3	Information on microbial processing at a shallow LTER site
Kralj, M., Lipizer, M., Čermelj, B., Celio, M., Fabbro, C., Brunetti, F., Francé J., Mozetič P., Giani, M. (2019). Hypoxia and dissolved oxygen trends in the northeastern Adriatic Sea (Gulf of Trieste). <i>Deep Sea Research Part II: Topical Studies in Oceanography</i> . https://doi.org/10.1016/j.dsr2.2019.06.002	3	Structural and functional response of phytoplankton to reduced river inputs and anomalous physical-chemical conditions in the Gulf of Trieste
Malinverno E., F. Cerino, B.T. Karatsolis, A. Ravani, M. Dimiza, S. Psarra, A. Gogou, M.V. Triantaphyllou 2019. Silicoflagellates in the eastern Mediterranean and Black Seas: Seasonality, distribution and sedimentary record. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 164: 122-134. doi.org/10.1016/j.dsr2.2019.03.010	3	Information on plankton temporal dynamics
Melis R., Celio M., Bouchet V.M.P., Varagona G., Bazzaro M., Crosera M., Pugliese N. (2019) Seasonal response of benthic foraminifera to anthropogenic pressure in two stations of the Gulf of Trieste (northern Adriatic Sea, Italy): the marine protected area of Miramare versus the Servola water sewage outfall. <i>Mediterranean Science</i> . 20/1: 120-141. http://doi.org/10.12681/mms.16154	3	Structural and functional response of benthic foraminifera to anthropogenic pressure.
Muelbert J.H., Nidziedo N.J., Acosta A.T., Beaulieu S., Bernardino A.F., Boikova E., Bornman T.G., Cataletto B., Deneudt K., Eliason E., Kraberg A.C., Nakaoka M., Pugnetti A., Ragueneau O., Scharfe M., Soltwedel T., Sosik H.M., Stanisci A., Stefanova K.B., Stephan P., Stier A.C., Wikner J., Zingone A. (2019) ILTER – the International Long-Term Ecological Research network as a platform for global coastal and ocean observation. <i>Frontiers in Marine</i>	3	Information about marine observatories.

Science, https://doi.org/10.3389/fmars.2019.00527		
Turk Dermastia T., Cerino F., Stankovic D., Francé J., Ramsak A., Znidaric Tusek M., Beran A., Natali V., Cabrini M., Mozetic P. (2020) Ecological time series and integrative taxonomy unveil seasonality and diversity of the toxic diatom <i>Pseudo-nitzschia</i> H. Peragallo in the northern Adriatic Sea. Harmful Algae. 93: 101773. https://doi.org/10.1016/j.hal.2020.101773	3	Structural and functional response of phytoplankton

**If appropriate, please list the IMBeR activity through / by / from / during which the publication arose*

******Notes on publications******

Publications are logged in the IMBeR Zotero library which is publicly accessible online - https://www.zotero.org/groups/2448334/imber_library_2/library

[Due to space limitations, publications from 1999-2017 are in a separate Zotero library - https://www.zotero.org/groups/38770/imber_library_1/library]

Publications are categorised by “Class” and linked to “Activities”:

Class 1 publications are specifically generated through/by/from/during **IMBeR activities** - for example, arising from IMBIZOs and IMBeR conferences such as the IMBeR open science meeting and the IMBeR CJK symposia and from the activities of the working groups, regional programmes and the SPIS scoping teams.

Class 2 publications are on topics relevant to the IMBeR Science Plan that benefitted from some interaction with IMBeR or **IMBeR activities**, for example by IMBeR symposium attendees, past and present SSC members, working group, regional programme and endorsed project members, or national contacts.

Class 3 publications are on topics relevant to the IMBeR Science Plan but for which there is no direct link to or benefit from an IMBeR activity. These might include publications by SSC members, working group, regional programme or endorsed project members or members of the IMBeR international community that were written as part of the normal scientific activity of the authors and would have occurred irrespective of IMBeR’s existence. You can report Class 3 publications, but they will no longer be logged in the IMBeR database.

[See <https://drive.google.com/open?id=1OQWn41KJvQ-LyWJlkiYnc5qZ2luNQOrg> or <https://pan.ecnu.edu.cn/p/DTrpUb4QiFAYoQ4> for further information on “What is an IMBeR publication?”.]

Why list ‘Class’ and ‘Activity’? This helps us to declare authentically which publications IMBeR has helped to generate, and it makes it easier for us to demonstrate the value of the Regional Programmes, the Working Groups, the Endorsed Projects, and IMBeR in general, and it helps us to justify support for IMBeR activities when we can list tangible outputs.