

GoTTs Annual Report 2021

Gulf of Trieste – Time-series (GoTTs)



OGS

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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*
Grilli F., Accoroni S., Aciri F., Bernardi Aubry F., Bergami C., Cabrini M., Campanelli A., Giani M., Guicciardi S., Marini M., Neri F., Penna A., Penna P., Pugnetti A., Ravaioli M., Riminucci F., Ricci F., Totti C., Viaroli P., Cozzi S. (2020) Seasonal and Interannual Trends of Oceanographic Parameters over 40 Years in the Northern Adriatic Sea in Relation to Nutrient Loadings Using the EMODnet Chemistry Data Portal. <i>Water</i> , 12, 2280; doi: 10.3390/w12082280	3	Information on oceanographic parameters temporal dynamics
Baldrighi E., Dovgal I., Zeppilli D., Abibulaeva A., Michelet C., Michaud E., Franzo A., Grassi E., Cesaroni L., Guidi L., Balsamo M., Sandulli R., Semprucci F. (2020) The Cost for Biodiversity: Records of Ciliate-Nematode Epibiosis with the Description of Three New Suctorian Species. <i>Diversity</i> , 12, 224; doi 10.3390/d12060224	3	Information on biodiversity
Cozzi S., Cabrini M., Kralj M., Celio M., Giani M. (2020) Climatic and Anthropogenic Impacts on Environmental Conditions and Phytoplankton Community in the Gulf of Trieste (Northern Adriatic Sea). <i>Water</i> , 12, 2652; doi: 10.3390/w12092652	3	Study of the anthropogenic impacts on environmental conditions and phytoplankton community in the

		Gulf of Trieste
Manna V., De Vittor C., Giani M., Del Negro P., Celussi M. (2021) Long-Term patterns and drivers of microbial organic matter utilization in the northernmost basin of the Mediterranean Sea. <i>Marine Environmental Research</i> , 164: 105245	3	Information on microbial processing at a shallow LTER site
Goruppi A., Tirelli V. (2021) First record of <i>Parvocalanus crassirostris</i> (Copepoda, Calanoida, Paracalanidae) in the northernmost area of the Mediterranean Sea. <i>Medit. Mar. Sci.</i> , 22/1: 180-198	3	Information on biodiversity
Pierson J., Camatti E., Hood R., Kogovšek T., Lučić D., Tirelli V., Malej A. (2021) Mesozooplankton and Gelatinous Zooplankton in the Face of Environmental Stressors. In: <i>Coastal Ecosystems in Transition: A Comparative Analysis of the Northern Adriatic and Chesapeake Bay</i> , Geophysical Monograph 256, First Edition. Edit by Thomas C. Malone, Alenka Malej and Jadran Faganeli. American Geophysical Union by John Wiley & Sons, Inc. doi: 10.1002/9781119543626.ch6	3	Structural and functional response of mesozooplankton
Turk V., Malkin S., Celussi M., Tinta T., Cram J., Malfatti F., Chen F. (2021) Ecological Role of Microbes: Current Knowledge and Future Prospects. In: <i>Coastal Ecosystems in Transition: A Comparative Analysis of the Northern Adriatic and Chesapeake Bay</i> , Geophysical Monograph 256, First Edition. Edit by Thomas C. Malone, Alenka Malej and Jadran Faganeli. American Geophysical Union by John Wiley & Sons, Inc. doi: 10.1002/9781119543626.ch7	3	Study of ecological role of bacteria in two different environments
Testa J.M., Faganeli J., Giani M., Brush M.J., De Vittor C., Boynton W.R., Covelli S., Woodland R.J., Kovač N., Kemp W.M. (2021) Advances in Our Understanding of Pelagic-Benthic Coupling. In: <i>Coastal Ecosystems in Transition: A Comparative Analysis of the Northern Adriatic and Chesapeake Bay</i> , Geophysical Monograph 256, First Edition. Edit by Thomas C. Malone, Alenka Malej and Jadran Faganeli. American Geophysical Union by John Wiley & Sons, Inc. doi: 10.1002/9781119543626.ch8	3	Information on pelagic-benthic coupling

**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.