

## VOCAB Annual Report 2020

VOCAB – Ocean Acidification and Biogeochemistry: variability, trends and vulnerability



Rachel R. Cave

### 1. 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).*

<b>Publication with DOI</b>	<b>Class 1, 2, 3</b>	<b>Activity*</b>
McGrath, T., McGovern, E., Gregory, C and <b>Cave, R.R.</b> (2019). Local drivers of the seasonal carbonate cycle across four contrasting coastal systems. Regional Studies in Marine Science <a href="https://doi.org/10.1016/j.rsma.2019.100733">https://doi.org/10.1016/j.rsma.2019.100733</a>	3	

*\*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](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](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.

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### 3. Input to management, policy and governance

*Add anything that in line with the IMBeR Grand Challenge III: Improving and achieving sustainable ocean governance*

*Outputs from this project aim to promote a greater understanding of the impacts of climate change on the NE Atlantic, focussing in particular on ocean acidification in Irish coastal and offshore waters, and feeding into policy and governance in this region.*

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### 4. Changes to data management

*Please note this will be placed on the endorsed project webpage*

Name and e-mail of the person in charge of data management: Ms. Sheena Fennell, [sheena.fennell@nuigalway.ie](mailto:sheena.fennell@nuigalway.ie)

Name of the data centre where your project data are stored: Marine Institute of Ireland

Direct Web link where the project data are available: <https://www.marine.ie/Home/site-area/data-services/marine-data-centre>

NOTE only CTD data are available from the website at present. All other enquiries re data should be addressed to the data manager.