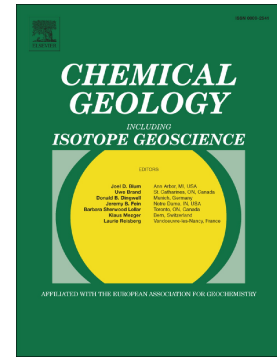


# Accepted Manuscript

Phosphorus cycling in marine sediments: Advances and challenges

Delphine Defforey, Adina Paytan



PII: S0009-2541(17)30675-7  
DOI: [doi:10.1016/j.chemgeo.2017.12.002](https://doi.org/10.1016/j.chemgeo.2017.12.002)  
Reference: CHEMGE 18573  
To appear in: *Chemical Geology*  
Received date: 22 June 2017  
Revised date: 24 October 2017  
Accepted date: 4 December 2017

Please cite this article as: Delphine Defforey, Adina Paytan , Phosphorus cycling in marine sediments: Advances and challenges. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Chemge(2017), doi:[10.1016/j.chemgeo.2017.12.002](https://doi.org/10.1016/j.chemgeo.2017.12.002)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## Phosphorus cycling in marine sediments: Advances and Challenges

Delphine Defforey<sup>1</sup> and Adina Paytan<sup>1,2\*</sup>

<sup>1</sup>*Department of Earth and Planetary Sciences, University of California, Santa Cruz, 1156 High St., Santa Cruz, CA, 95064, USA.*

<sup>2</sup>*Institute of Marine Sciences, University of California, Santa Cruz, 1156 High St., Santa Cruz, CA, 95064, USA.*

\*Corresponding author: [apaytan@ucsc.edu](mailto:apaytan@ucsc.edu)

### Keywords:

Sedimentary phosphorus

Organic phosphorus

Phosphorus

<sup>31</sup>P NMR spectroscopy

Sequential extractions

Isotopes

Marine phosphorus cycle

Marine sediment geochemistry

Download English Version:

<https://daneshyari.com/en/article/8910418>

Download Persian Version:

<https://daneshyari.com/article/8910418>

[Daneshyari.com](https://daneshyari.com)