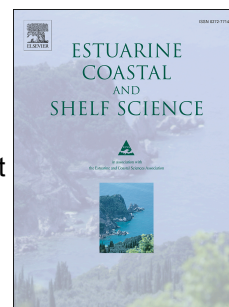


Accepted Manuscript

Mg/Ca and Sr/Ca as novel geochemical proxies for understanding sediment transport processes within coral reefs

J. Gacutan, A. Vila-Concejo, L.D. Nothdurft, T.E. Fellowes, H.E. Cathey, B.N. Opdyke, D.L. Harris, S. Hamylton, R.C. Carvalho, M. Byrne, J.M. Webster



PII: S0272-7714(17)30091-4

DOI: [10.1016/j.ecss.2017.08.010](https://doi.org/10.1016/j.ecss.2017.08.010)

Reference: YECSS 5565

To appear in: *Estuarine, Coastal and Shelf Science*

Received Date: 1 February 2017

Revised Date: 26 June 2017

Accepted Date: 8 August 2017

Please cite this article as: Gacutan, J., Vila-Concejo, A., Nothdurft, L.D., Fellowes, T.E., Cathey, H.E., Opdyke, B.N., Harris, D.L., Hamylton, S., Carvalho, R.C., Byrne, M., Webster, J.M., Mg/Ca and Sr/Ca as novel geochemical proxies for understanding sediment transport processes within coral reefs, *Estuarine, Coastal and Shelf Science* (2017), doi: 10.1016/j.ecss.2017.08.010.

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.

Mg/Ca and Sr/Ca as novel geochemical proxies for understanding sediment transport processes within coral reefs

J. Gacutan^a, A. Vila-Concejo^{a*}, L.D. Nothdurft^b, T. E. Fellowes^a, H. E. Cathey^c, B.N. Opdyke^d, D.L. Harris^{a,e}, S. Hamylton^f, R. C. Carvalho^f, M. Byrne^g, J.M. Webster^a

^a*Geocoastal Research Group, School of Geosciences, The University of Sydney, Sydney, Australia*

^b*School of Natural Resource Sciences, Queensland University of Technology, Brisbane, Australia*

^c*Institute for Future Environments, Queensland University of Technology, Brisbane, Australia*

^d*Research School of Earth Sciences, The Australian National University, Canberra, Australia*

^e*Leibniz Center for Tropical Marine Ecology (ZMT) and Center for Marine Environmental Science*

(MARUM), Bremen University, Bremen, Germany

^f*School of Earth and Environmental Sciences, University of Wollongong, Wollongong, Australia*

^g*Schools of Medical Sciences and Life and Environmental Sciences (SOLES), The University of Sydney, Australia*

* Corresponding author at: Geocoastal Research Group, School of Geosciences, The University of Sydney, Madsen Building (F09), Sydney, NSW 2006, Australia. E-mail address: ana.vilaconcejo@sydney.edu.au

Keywords: Large Benthic Foraminifera, Taphonomy, Coral Reef, Carbonate sediments.

Download English Version:

<https://daneshyari.com/en/article/5765058>

Download Persian Version:

<https://daneshyari.com/article/5765058>

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