## **Accepted Manuscript**

External and local controls on land-sea coupling assessed by stable isotopic signatures of mangrove producers in estuaries of Pacific Panama

Ivan Valiela, Jesús Pascual, Anne Giblin, Coralie Barth-Jensen, Paulina Martinetto, Marshall Otter, Thomas Stone, Jane Tucker, Megan Bartholomew, Inés G. Viana



PII: S0141-1136(18)30015-1

DOI: 10.1016/j.marenvres.2018.03.003

Reference: MERE 4482

To appear in: Marine Environmental Research

Received Date: 18 January 2018
Revised Date: 5 March 2018

Accepted Date: 8 March 2018

Please cite this article as: Valiela, I., Pascual, Jesú., Giblin, A., Barth-Jensen, C., Martinetto, P., Otter, M., Stone, T., Tucker, J., Bartholomew, M., Viana, Iné.G., External and local controls on land-sea coupling assessed by stable isotopic signatures of mangrove producers in estuaries of Pacific Panama, *Marine Environmental Research* (2018), doi: 10.1016/j.marenvres.2018.03.003.

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.

## ACCEPTED MANUSCRIPT

1	External and local controls on land-sea coupling assessed by stable isotopic signatures of mangrove
2	producers in estuaries of Pacific Panama
3	
4	
5	Ivan Valiela <sup>1</sup> , Jesús Pascual <sup>2</sup> , Anne Giblin <sup>1</sup> , Coralie Barth-Jensen <sup>1</sup> , Paulina Martinetto <sup>2</sup> , Marshall Otter <sup>1</sup> ,
6	Thomas Stone <sup>3</sup> , Jane Tucker <sup>1</sup> , Megan Bartholomew <sup>1</sup> , Inés G. Viana <sup>1,4,5,*</sup>
7	
8	<sup>1</sup> The Ecosystems Center, Marine Biological Laboratory, Woods Hole MA US 02534
9	<sup>2</sup> Instituto de Investigaciones Marinas y Costeras, Consejo Nacional de Investigaciones Científicas y
10	Técnicas, Universidad Nacional de Mar del Plata, CC573, Mar del Plata, Argentina
11	<sup>3</sup> Woods Hole Research Center, Falmouth MA US 02540
12	<sup>4</sup> Department of Animal Biology and Ecology, University of Vigo, E-36310 Vigo, Spain.
13	<sup>5</sup> Present address: CIIMAR - Interdisciplinary Centre of Marine and Environmental Research, University
14	of Porto, Terminal de Cruzeiros do Porto de Leixões, Matosinhos, Portugal.
15	
16	Corresponding author: ines.viana@uvigo.es
17	
18	

## Download English Version:

## https://daneshyari.com/en/article/8886306

Download Persian Version:

https://daneshyari.com/article/8886306

<u>Daneshyari.com</u>