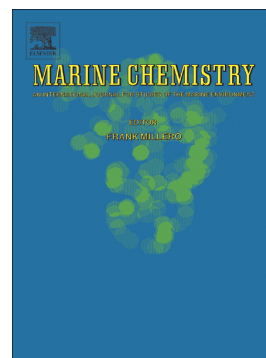


## Accepted Manuscript

Material cycling in coastal waters and the role of the Kiritappu Wetland in Hamanaka, Hokkaido: An analysis using the surf clam (*Pseudocardium sachalinense*) as an environmental indicator

X. Ba, N. Kouchi, K. Watanabe, M. Nakaoka, M. Fujii

PII: S0304-4203(18)30042-2  
DOI: doi:[10.1016/j.marchem.2018.08.008](https://doi.org/10.1016/j.marchem.2018.08.008)  
Reference: MARCHE 3586  
To appear in: *Marine Chemistry*  
Received date: 23 February 2018  
Revised date: 27 August 2018  
Accepted date: 29 August 2018



Please cite this article as: X. Ba, N. Kouchi, K. Watanabe, M. Nakaoka, M. Fujii, Material cycling in coastal waters and the role of the Kiritappu Wetland in Hamanaka, Hokkaido: An analysis using the surf clam (*Pseudocardium sachalinense*) as an environmental indicator. *Marine Chemistry* (2018), doi:[10.1016/j.marchem.2018.08.008](https://doi.org/10.1016/j.marchem.2018.08.008)

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.

**Material cycling in coastal waters and the role of the Kiritappu  
Wetland in Hamanaka, Hokkaido: An analysis using the surf clam  
(*Pseudocardium sachalinense*) as an environmental indicator**

X. Ba<sup>a</sup>, N. Kouchi<sup>b</sup>, K. Watanabe<sup>c</sup>, M. Nakaoka<sup>a,d</sup>, M. Fujii<sup>a,\*</sup>

<sup>a</sup>Graduate School of Environmental Science, Hokkaido University, Sapporo, Japan

<sup>b</sup>Kiritappu Wetland National Trust, Hamanaka, Japan

<sup>c</sup>Waterfront Vitalization and Environment Research Foundation, Naha, Japan

<sup>d</sup>Akkeshi Marine Station, Field Science Center for Northern Biosphere, Hokkaido University, Akkeshi, Japan

\*Corresponding author. Faculty of Environmental Earth Science, Hokkaido University, North 10 West 5, Kita-ku, Sapporo, Hokkaido 0600810, Japan. Tel.: +81 11 706 2359; fax: +81 11 706 2359. E-mail: mfujii@ees.hokudai.ac.jp (M. Fujii)

Download English Version:

<https://daneshyari.com/en/article/10154612>

Download Persian Version:

<https://daneshyari.com/article/10154612>

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