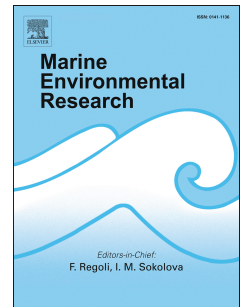


# Accepted Manuscript

Chronic adverse effects of oil dispersed sediments on growth, hatching, and reproduction of benthic copepods: Indirect exposure for long-term tests

Eun-Ji Won, Yeonjung Lee, Yehui Gang, Min-Seob Kim, Chang Joon Kim, Hye-Eun Kim, Kyun-Woo Lee, Chang-Soo Chung, Kyoungrean Kim



PII: S0141-1136(17)30642-6

DOI: [10.1016/j.marenvres.2018.04.001](https://doi.org/10.1016/j.marenvres.2018.04.001)

Reference: MERE 4497

To appear in: *Marine Environmental Research*

Received Date: 26 October 2017

Revised Date: 24 March 2018

Accepted Date: 4 April 2018

Please cite this article as: Won, E.-J., Lee, Y., Gang, Y., Kim, M.-S., Kim, C.J., Kim, H.-E., Lee, K.-W., Chung, C.-S., Kim, K., Chronic adverse effects of oil dispersed sediments on growth, hatching, and reproduction of benthic copepods: Indirect exposure for long-term tests, *Marine Environmental Research* (2018), doi: 10.1016/j.marenvres.2018.04.001.

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.

<Mar. Environ. Res.>

**Chronic adverse effects of oil dispersed sediments on growth, hatching, and reproduction of benthic copepods: Indirect exposure for long-term tests**

Eun-Ji Won<sup>1,2\*</sup>, Yeonjung Lee<sup>3</sup>, Yehui Gang<sup>1,4</sup>, Min-Seob Kim<sup>5</sup>, Chang Joon Kim<sup>1</sup>, Hye-Eun Kim<sup>1</sup>, Kyun-Woo Lee<sup>3,4</sup>, Chang-Soo Chung<sup>1,4</sup>, Kyoungrean Kim<sup>1,4</sup>

<sup>1</sup> Department of Marine Chemistry & Geochemistry Research Center, Korea Institute of Ocean Science and Technology, Busan 49111 Republic of Korea

<sup>2</sup> Department of Marine Science and Convergent Technology, Hanyang University, Ansan 15588, Republic of Korea

<sup>3</sup> Department of Marine Ecosystem & Biological Research Center, Korea Institute of Ocean Science and Technology, Busan 49111 Republic of Korea

<sup>4</sup> Department of Integrated Ocean Sciences, University of Science and Technology (UST), Daejeon, 34113, Republic of Korea

<sup>5</sup> Department of Environmental Measurement & Analysis Center, National Institute of Environmental Research, Incheon 22766, Republic of Korea

---

\*Corresponding author: E.-J. Won

E-mail) [eunj.won@gmail.com](mailto:eunj.won@gmail.com), Tel) +82-31-400-7734, Fax) +82-31-408-4493

Download English Version:

<https://daneshyari.com/en/article/8886320>

Download Persian Version:

<https://daneshyari.com/article/8886320>

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