

doi: 10.5004/dwt.2022.29012

Corrigendum

Evaluating the performance of extended and unscented Kalman filters in the reverse osmosis process*

Seung Ji Lim^a, Seo Jin Ki^{b**}, Jangwon Seo^a, Sung Ho Chae^a, Young Geun Lee^c, Kwanho Jeong^d, Jungsu Park^e, Joon Ha Kim^a

In the published article the following sentences at the end of Section 2.1 (page 120) have been erroneously omitted:

"It is noted that the observed data of Fujairah plant described in this section was previously used to conduct numerical studies of the reverse osmosis process [17–19]. The same data was employed to evaluate the performance of two Kalman filter algorithms for estimating fouling in the reverse osmosis process."

The following references have been added:

- [17] D.Y. Kim, M.H. Lee, S. Lee, J.H. Kim, D.R. Yang, Online estimation of fouling development for SWRO system using real data, Desalination 247(1) (2009) 200–209.
- [18] Y.G. Lee, Y.S. Lee, D.Y. Kim, M. Park, D.R. Yang, J.H. Kim, A fouling model for simulating long-term performance of SWRO desalination process, J. Membr. Sci., 401–402 (2012) 282–291.
- [19] S.J. Lim, Y.M. Kim, H.S. Park, S.J. Ki, K. Jeong, J. Seo, S.H. Chae, J.H. Kim, Enhancing accuracy of membrane fouling prediction using hybrid machine learning models, Desal. Water Treat., 146 (2019) 22–28.

Reference [18] was cited in the original article as [21]. The reference numbering was modified accordingly.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

^aSchool of Earth Sciences and Environmental Engineering, Gwangju Institute of Science and Technology (GIST), Gwangju 500-712, Korea

^bDepartment of Environmental Engineering, Gyeongnam National University of Science and Technology, 33 Dongjin-ro, Jinju-si, Gyeongsangnam-do 52725, Republic of Korea, Tel. +82-55-751-3341; Fax: +82-55-751-3484; email: seojinki@gntech.ac.kr (S.J. Ki) ^cCorporate R&D Institute, Doosan Heavy Industries & Construction Co. Ltd., Gyeonggi-do 16858, Korea

^dSingapore Membrane Technology Centre, Nanyang Environment and Water Research Institute, Nanyang Technological University, Singapore 637141, Singapore

^eHanwha E&C (Engineering & Construction), 76, Gajeong-Ro, Yuseong-Gu, Daejeon 34128, Korea

^{*} Published in *Desalination and Water Treatment*, Volume 163, September 2019, pp. 118–124 doi number of the original article is 10.5004/dwt.2019.24408

^{**}Corresponding author