



## Correction: Dilpazeer et al. A Comprehensive Review of the Latest Advancements in Controlling Arsenic Contaminants in Groundwater. *Water* 2023, 15, 478

Fariha Dilpazeer <sup>1</sup>, Mamoona Munir <sup>2,</sup>\*, Muhammad Yousuf Jat Baloch <sup>3</sup><sup>®</sup>, Iqrash Shafiq <sup>4,</sup>\*<sup>®</sup>, Javeeria Iqbal <sup>5</sup>, Muhammad Saeed <sup>6</sup>, Muhammad Mujtaba Abbas <sup>7</sup><sup>®</sup>, Sumeer Shafique <sup>4</sup><sup>®</sup>, Kosar Hikmat Hama Aziz <sup>8,9,\*</sup><sup>®</sup>, Ahmad Mustafa <sup>10</sup><sup>®</sup> and Iqra Mahboob <sup>4</sup>

- <sup>1</sup> Department of Environmental Science, COMSATS University Islamabad, Abbottabad Campus, Abbottabad 22044, Pakistan
- <sup>2</sup> Department of Botany, Rawalpindi Women University, Satellite Town, Rawalpindi 46300, Pakistan
- <sup>3</sup> College of New Energy and Environment, Jilin University, Changchun 130021, China
- <sup>4</sup> Department of Chemical Engineering, COMSATS University Islamabad, Lahore Campus, Defence Road, Off Raiwind Road, Lahore 54000, Pakistan
- <sup>5</sup> Department of Environmental Science, Pir Mehr Ali Shah Arid Agriculture University,
  - Rawalpindi 46000, Pakistan
- <sup>6</sup> School of Chemistry, University of the Punjab, Lahore 54590, Pakistan
- <sup>7</sup> Department of Mechanical Engineering, University of Engineering and Technology, Lahore New Campus, Lahore 54890, Pakistan
- <sup>8</sup> Department of Chemistry, College of Science, University of Sulaimani, Sulaimani 46001, Kurdistan Region, Iraq
- <sup>9</sup> Medical Laboratory of Science, College of Health Sciences, University of Human Development, Sulaimani 46001, Kurdistan Region, Iraq
- <sup>10</sup> Faculty of Engineering, October University for Modern Sciences and Arts, Giza 12451, Egypt
- \* Correspondence: mamoona.munir@f.rwu.edu.pk (M.M.); iqrash.shafiq@gmail.com (I.S.); kosar.hamaaziz@univsul.edu.iq (K.H.H.A.)



Citation: Dilpazeer, F.; Munir, M.; Baloch, M.Y.J.; Shafiq, I.; Iqbal, J.; Saeed, M.; Abbas, M.M.; Shafique, S.; Aziz, K.H.H.; Mustafa, A.; et al. Correction: Dilpazeer et al. A Comprehensive Review of the Latest Advancements in Controlling Arsenic Contaminants in Groundwater. *Water* 2023, *15*, 478. *Water* **2023**, *15*, 1781. https://doi.org/10.3390/w15091781

Received: 12 April 2023 Accepted: 13 April 2023 Published: 6 May 2023



**Copyright:** © 2023 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license (https:// creativecommons.org/licenses/by/ 4.0/). There were some errors in the original publication [1]. The authors forgot to seek copyright permission for Figure 1 from the publisher. All of the authors wish to remove Figure 1 from the main text and insert reference [40] in the paragraph 2 of Introduction Section to keep the original references order unchanged. The order and citations of the rest Figures also have been changed accordingly to make them appeared in numerical order.

A correction has been made to Introduction, Paragraph 2:

According to the World Health Organization (WHO), the permissible limit for arsenic is 10  $\mu$ g/L, but the review of the literature showed arsenic concentrations higher than the permissible limit in many countries including Bangladesh [28], Iran [29], Pakistan [15,30], Mexico [31,32], Saudi Arabia [33], China (Yangtze River basin, Han River) [34], Latin America [35], the USA [36], and Ethiopia [37]. Asia is at the highest risk of drinking arsenic-contaminated water [38]. To reduce the treatment costs of diseases caused by arsenic exposure, Dutch water companies aim to reduce arsenic concentration up to <1 µg/L, a far lower level compared with the WHO's permissible limit [39]. Groundwater in Bangladesh contains high arsenic concentrations, far higher than the permissible limit, which is 50  $\mu$ g/L [28]. In Bam, southeastern Iran, arsenic concentration in groundwater ranges from 9.26  $\mu$ g/L to 14.65  $\mu$ g/L, while exposure to arsenic through ingestion is causing more diseases than the dermal route [29]. According to [31], 45% of the water samples in five zones of the metropolitan area of San Luis Potosí, Mexico showed an arsenic concentration above the WHO guidelines. A study carried out by [32] in which 44 groundwater samples were taken from two areas of the northeastern part of the province of La Pampa, Argentina showed arsenic concentrations ranging from 5.9 to 535.1  $\mu$ g/L and from 17.5 to 248.4  $\mu$ g/L for both sites. Podgorski and Berg reviewed the global threat of arsenic in groundwater and concluded that globally 13 regions are highly contaminated with groundwater arsenic [40]. Arsenic concentrations were projected on a map in the range of  $<10 \ \mu g/L$ ,  $10-50 \ \mu g/L$ , and  $>50 \ \mu g/L$ . Arsenic concentrations in different countries and their sources are presented in Table 1.

A correction has also been made to Reference 40:

40. Podgorski, J.; Berg, M. Global threat of arsenic in groundwater. *Science* **2020**, *368*, 845–850. https://doi.org/10.1126/science.aba1510.

The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.

## Reference

 Dilpazeer, F.; Munir, M.; Baloch, M.Y.J.; Shafiq, I.; Iqbal, J.; Saeed, M.; Abbas, M.M.; Shafique, S.; Aziz, K.H.H.; Mustafa, A.; et al. A Comprehensive Review of the Latest Advancements in Controlling Arsenic Contaminants in Groundwater. *Water* 2023, 15, 478. [CrossRef]

**Disclaimer/Publisher's Note:** The statements, opinions and data contained in all publications are solely those of the individual author(s) and contributor(s) and not of MDPI and/or the editor(s). MDPI and/or the editor(s) disclaim responsibility for any injury to people or property resulting from any ideas, methods, instructions or products referred to in the content.