

## Supplementary Materials for:

### Article

# Phytoremediation Potential of Urban Trees in Mitigating Air Pollution in Tehran

Marziyeh Rabiee <sup>1</sup>, Behzad Kaviani <sup>1,\*</sup>, Dariusz Kulus <sup>2,\*</sup> and Alireza Eslami <sup>1</sup>

<sup>1</sup> Department of Horticultural Science, Rasht Branch, Islamic Azad University, Rasht 4147654919, Iran; rabieemarziyeh92@gmail.com (M.R.); dr\_eslami2006@yahoo.com (A.E.)

<sup>2</sup> Laboratory of Horticulture, Faculty of Agriculture and Biotechnology, Bydgoszcz University of Science and Technology, Bernardyńska 6, 85-029 Bydgoszcz, Poland

\* Correspondence: b.kaviani@yahoo.com or kaviani@iaurasht.ac.ir (B.K.); dkulus@gmail.com (D.K.); Tel.: +98-9111777482 (B.K.); +48-523749536 (D.K.)

**Table S1.** Technical specifications of the monitor system.

Gas	Sensor type	Range (ppm)	Min. detection limit (ppm)	Accuracy of factor calibration	Resolution (ppm)
CO <sub>2</sub>	NDIR	0-2000	10	<±10 ppm + 5%	1
SO <sub>2</sub>	GSE	0-10	0.04	<±0.05 ppm	0.01
CO	GSE	0-25	0.05	<±0.5 ppm	0.01
NO <sub>2</sub>	GSE	0-1	0.005	<±0.02 ppm	0.001
O <sub>3</sub>	GSS	0-0.15	0.001	<±0.005 ppm	0.001

GSE—gas-sensitive electrochemical sensor; GSS—gas-sensitive semiconductor sensor; NDIR—non-dispersive infrared sensor

**Citation:** Rabiee, M.; Kaviani, B.;

Kulus, D.; Eslami, A.

Phytoremediation Potential of Urban

Trees in Mitigating Air Pollution in

Tehran. *Forests* **2024**, *15*, 1436.

<https://doi.org/10.3390/f15081436>

Academic Editors: Richard W.

Harper and Zhibin Ren

Received: 18 July 2024

Revised: 31 July 2024

Accepted: 13 August 2024

Published: 15 August 2024



**Copyright:** © 2024 by the authors.

Submitted for possible open access

publication under the terms and

conditions of the Creative Commons

Attribution (CC BY) license

(<https://creativecommons.org/licenses/by/4.0/>).