

# Air Pollution in the City

What are the health effects of Air Pollution in Beirut and what are the measures that can be taken by the civil society to minimize them?

---

**Expert Name:** Wehbeh Farah

Professor, HDR, Director of Physics Department

Université Saint-Joseph



**Short Profile:** Wehbeh FARAH accomplished his PhD in physics (University of Montpellier II). He is currently Professor and Chairman of the physics department (University of Saint Joseph). His research focuses on sensors and their applications in the fields of environment and health. Wehbeh has published numerous articles both nationally and internationally.

---

Definition / Benefits	Constraints / Challenges / Barriers
<ul style="list-style-type: none"><li>✓ Air pollutants and principles sources</li><li>✓ Guidelines Value</li><li>✓ Health effect</li><li>✓ Impacts to the ecosystem</li></ul>	<ul style="list-style-type: none"><li>✓ Geographic localization</li><li>✓ Cost of the network</li><li>✓ Complexity of the air pollution</li><li>✓ Mentality of Lebanese</li></ul>
Best Practice / Solutions / Tools	Resources / local Availability
<ul style="list-style-type: none"><li>✓ National plan for air protection and emission reduction</li><li>✓ Incomplete legislation</li><li>✓ Public awareness</li><li>✓ Reducing the number of polluting vehicles</li><li>✓ Renewal of the fleet</li><li>✓ Adaptation of public transport + restriction of traffic in case of peak pollution</li><li>✓ Reduction in traffic speed</li><li>✓ The development of walking and cycling</li><li>✓ Surveillance network</li><li>✓ Green Building</li></ul>	<ul style="list-style-type: none"><li>✓ Ministries: Environment, Health, Transport, ...</li><li>✓ CNRS – L</li><li>✓ Olife</li><li>✓ Universities (public &amp; private)</li><li>✓ NGOs (public &amp; private)</li><li>✓ CDR</li><li>✓ Schools</li></ul>