

5th International Conference on **Pollution Control and Sustainable Environment**

&

10th Edition of International Conference on **Water: Pollution, Treatment & Research**

March 14-16, 2019 London, UK

Air pollutants and environmental causes in London's air quality

Veronica Goncalves
UK

London air pollution correspond to a serious matter that drives to high levels of pollution and with health consequences for its citizens. Air pollution consist in the release of pollutants into the air. The air pollution has origin in the production and use of energy. The physical evidence of air pollution is determined by the presence of ground level ozone (smog) and particulate matter made of tiny particles of chemicals called soot. The air pollutants have two qualifications, the primary sources and secondary sources. The main primary pollutants is harmful in high concentrations, and are carbon compounds, such as Co, CO₂, CH₄, VOCs, nitrogen compounds etc. The particulate matter are categorized in solid or liquid form and measured buy their diameter. While the secondary sources result from chemical reaction between the primary sources themselves or with in reaction with other compounds and are called photochemical oxidants and secondary particulate matter. Air pollution is explained and described with conscious regarding the levels of pollutant gases that are present in the atmosphere. The origin of gases are referred for identification of the pollution sources and understanding the challenges and questions to minimize air pollution.

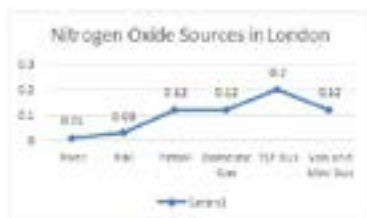


Figure 1: Levels and origin of the major source of air pollution in London.

Recent Publications:

1. Heather Walton et al. (2015) Understanding the health impacts of air pollution in London. Greater London Authority. Pages:1-129.
2. Sean Beevers et al. (2009) Air pollution and emissions trends in London. King's College London, Environmental Research Group, Leeds University Institute for Transport studies. Pages:1-47

Biography

Veronica Goncalves has her expertise in communication and passion in the natural world and resources. Since 2012 she has been developing skills in personal development. In 2016 started to participate in conferences in the US, and made research in environment. With the new skills and professional experience that has been achieving while working in London would like to increase awareness about Climate Change and to be an example for other young generations.

Notes:

menezesvero@gmail.com