

# Design and Implementation of Air Pollution Monitoring System

The advancement in technology has made it easy for researchers to explore more in different areas. One such development is in the area of sensor technology which completely changes the outlook to different application level problems. In this chapter, I share my hands on experience in the development, design, integration and operation of the air pollution system using commodity sensor. Earlier, the approach for understanding air pollution used complex and stationary equipments which collect data and used these data for analyzing, but things have changed after the low cost, easy to use, portable sensors came in markets [1].

## References

- [1] Emily G. Snyder, Timothy H. Watkins, Paul A. Solomon, Eben D. Thoma, Ronald W. Williams, Gayle S. W. Hagler, David Shelow, David A. Hindin, Vasu J. Kilaru, and Peter W. Preuss. The Changing Paradigm of Air Pollution Monitoring. *Environmental Science & Technology*, 47(20):11369–11377, 2013.