

**Title of Article:** Modeling Of Generic Air Pollution Dispersion Analysis From Cement Factory

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**Abstract:** Air pollution from cement factory is classified as one of the sources of air pollution. The control of the air pollution by addressing the wind field dynamics was the main objective of the paper. The dynamics of dispersion showed a three way flow which was calculated and explained accordingly. The 3D model showed good level of accuracy by determining field values of air deposited pollutants. Mean concentration of diffusing pollutants was shown to be directly proportional to the plume angular displacement. The 2D model explained the details of the wind field dynamics and profer a solution which may be relevant in controlling air pollution from antropogenic sources.