

Update on the MUMBA Campaign: Measurements of urban, marine and biogenic air

C. Paton-Walsh^{1*}, É.-A. Guérette¹, G. Rea^{1,2}, D. Kubistin¹, R. Humphries¹, S. R. Wilson¹, D. W. T. Griffith¹, R. Buchholz¹, V. Velazco¹, X. Shi¹, I. E. Galbally³, M. D. Keywood³, S. J. Lawson³, P. W. Selleck³, M. Cheng³, S. Molloy³, M. Bhujel^{3,1}, A. D. Griffiths⁴, S. D. Chambers⁴ and P. Davy⁵

¹ University of Wollongong, Wollongong, NSW Australia.

² Université Pierre et Marie Curie, Laboratoire de Météorologie Dynamique - CNRS/IPSL Ecole Polytechnique
91128 Palaiseau Cedex, Paris, France

³ CSIRO Oceans and Atmosphere Flagship, Aspendale, Victoria, Australia

⁴ ANSTO Institute for Environmental Research, Sydney, NSW, Australia

⁵ GNS Science, National Isotope Centre, Lower Hutt, New Zealand

* corresponding author: Clare Murphy (Paton-Walsh) [clarem@uow.edu.au]

Abstract

The Measurements of Urban, Marine and Biogenic Air campaign (MUMBA) took place in Wollongong, NSW (a city approximately 80 km south of Sydney, Australia) from 21 December 2012 to 15 February 2013. Instruments were deployed during MUMBA to measure the gaseous and aerosol composition of the atmosphere with the aim of providing a detailed characterisation of the complex ocean/forest/urban interface that could be used to test the skill of atmospheric models.

In this presentation we will provide an update on the analysis and interpretation of the results including first comparisons with the regional atmospheric model CHIMERE [Menut *et al.*, 2013]. We will also present a more detailed characterisation of the clean air signature, including concentrations of a number of VOCs measured using the PTR-MS.

References

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