

<b>Current Position:</b>	Assistant Consultant with Air Quality Consultants Ltd.
<b>Year of Birth:</b>	1984
<b>Nationality:</b>	British
<b>Qualifications:</b>	MSci (Hons) Chemistry (2010)
<b>Positions Held:</b>	Associate Member of the Royal Society of Chemistry

## Key Experience:

Prior to joining Air Quality Consultants, Joshua conducted over three years of scientific research at the University of Bristol. Joshua now works in the field of air quality modelling, monitoring and assessment. He has been involved in air quality assessments for a range of commercial and residential developments using ADMS dispersion models.

## Employment Record:

<b>2014 – Current</b>	<b>Assistant Consultant, Air Quality Consultants Ltd.</b> Responsible for providing support for air quality monitoring, modelling and assessment for a range of clients.
<b>2010 – 2014</b>	<b>Scientific Research at the University of Bristol.</b> Examined the use of sustainable materials in chemical processes using a range of analytical tools and computational modelling. Model results were validated with in-situ spectroscopic measurements, the outcomes of which were used to inform reaction optimisation. Published numerous scientific papers and presented results at a number of conferences.

## Residential and Commercial Developments

### **Air Quality Assessment of a Proposed Hotel and Residential Development, London Borough of Ealing (2014)**

Responsible for the preparation of an air quality assessment of a proposed hotel and residential development in the London Borough of Ealing. Included compiling and running the ADMS Roads model, analysing and assessing the output, as well as "Air Quality Neutral" calculations.

### **Air Quality Assessment of a Proposed Residential Development, London Borough of Ealing (2014)**

Responsible for the preparation of an air quality assessment of a proposed residential development in the London Borough of Ealing. Included compiling and running the ADMS Roads model, analysing and assessing the output, as well as "Air Quality Neutral" calculations.

### **Air Quality Assessment of Residential Development in the London Borough of Tower Hamlets (2014)**

Contributed to the preparation of an air quality assessment of a residential development in the London Borough of Tower Hamlets. Included compiling and running the ADMS Roads model, analysing and assessing the output.

### **Air Quality Assessment of Proposed Residential Student Development in Cheltenham (2014)**

Contributed to the preparation of an air quality assessment of a proposed residential development in Cheltenham. Included compiling and running the ADMS Roads model, as well as modelling emissions from the combined heat and power plant. A construction dust assessment was also carried out.