

LAQM for Planners

Topic: Planning	Module: Urban Design and Health
<p>Air pollution is just one aspect of the urban environment that leads to human health impacts. This module looks at a wide web of urban issues and how they relate to human health.</p> <p>Aims – the aims of the module are to provide an understanding of the complex inter-relationships between health and the built environment.</p> <p>Intended learning outcomes – by the end of this module students should be able to make links between key health issues, in order to help them identify the co-benefits, or negative side-effects, of urban planning policies.</p>	

Topic: Planning	Module: Planning & air quality
<p>This module is the first of two modules that look at the relationship between local planning decision-making processes and local air quality management. This first module will focus upon the role of the local planning process in air quality management. The second module will focus on Air Quality Assessments in the local planning process.</p> <p>Aims – the aims of the module are to:</p> <ul style="list-style-type: none">Understand local planning processes and application procedures;Understand the importance of good communication between air quality and planning officers;Consider how air quality constitutes a material planning consideration;Explore the available guidance on air quality and planning issues. <p>Intended learning outcomes – by the end of this module students should be able to:</p> <ul style="list-style-type: none">Recognise the role of the local planning system in managing local air quality;Determine how proposed planning developments may be influenced by the local air quality and how air quality may be affected by development; andIdentify sources of information to assist with assessing air quality impacts of development.	

Topic: Planning	Module: Air quality assessment for planning proposals
<p>This module is the second of two modules that look at the relationship between local planning decision-making processes and local air quality management. The first module focuses upon the role of the local planning process in air quality management. The focus of this second module is the need for, the preparation and the assessment of Air Quality Assessments in the local planning process.</p> <p>Aims – the aims of this module are to:</p> <ul style="list-style-type: none"> Identify the role of an Air Quality Assessment in the planning process; Understand more fully the importance of a good air quality assessment and what constitutes a good assessment; How to assess significance in the context of local air quality. <p>Intended learning outcomes – by the end of this module students should be able to:</p> <ul style="list-style-type: none"> Understand the role and requirements of an Air Quality Assessment; Prepare an Air Quality Assessment for a proposed development; Evaluate the merits of an Air Quality Assessment and apply qualitative judgements of such assessments. 	

Topic: LAQM Tools	Module: GIS for LAQM
<p>This module will provide learners with an introduction to the use of Geographical Information Systems (GIS) in LAQM, using specific case studies to illustrate the various applications. A basic prior knowledge of the concepts of GIS would be advantageous.</p> <p>Aims – the aims of the module are:</p> <ul style="list-style-type: none"> To examine the principles of GIS and its suitability for use in LAQM; To identify examples of the various applications of GIS in LAQM; To indicate sources of geographical data that may be useful in LAQM; and To examine areas of future research for GIS in air quality management. <p>Intended learning outcomes – by the end of this module students should be able to:</p> <ul style="list-style-type: none"> Understand the concepts of GIS and its relevance for LAQM; Describe different applications of GIS using case studies; Identify sources of data and evaluate their suitability; Evaluate the opportunities for and the limitations of GIS in LAQM. 	