

Introduction to Carbon Management

Topic: Carbon management	Module: Introduction to the science of climate change
<p>Aims – the aims of the module are to provide a basic scientific introduction to the causes and impacts of climate change.</p> <p>Intended learning outcomes – by the end of this module students should be confident in understanding the reasons why the emissions of Greenhouse Gases and other climate forcing agents affect the atmosphere, and what the main impacts of these are likely to be.</p>	

Topic: Carbon management	Module: Introduction to international climate change policy
<p>This module will introduce the international policies and discussions that have come about in response to climate change and the need to reduce carbon dioxide (CO₂) emissions.</p> <p>Aims – the aims of the module are: To provide learners with an understanding of the background to recent policies governing the management of CO₂ emissions; To discuss some of the agreements and mechanisms adopted by governments; To facilitate understanding of global carbon management policy.</p> <p>Intended learning outcomes – by the end of this module students should be able to: State the key policies for carbon management at an international level; Understand the evolution of current climate policy, and its strengths, weaknesses, and possible future direction(s); Critically reflect on the suitability and effectiveness of international climate change policy.</p>	

Topic: Carbon management	Module: Introduction to carbon management, policy & regulation and new developments
<p>This module will examine the management of carbon dioxide (CO₂) emissions, at national and international levels, covering policies and regulations, and the available and emerging tools and mechanisms.</p> <p>Aims – the aims of the module are:</p> <ul style="list-style-type: none"> To provide learners with an understanding of the policies guiding the management of CO₂ emissions; To introduce some of the tools and mechanisms for managing CO₂ emissions; To facilitate understanding of carbon management policy issues. <p>Intended learning outcomes – by the end of this module students should be able to:</p> <ul style="list-style-type: none"> State the key policies for carbon management at international and national (UK) levels; Understand the mechanisms available at national and international levels to manage CO₂ emissions; Critically reflect on the suitability and effectiveness of carbon management frameworks. 	

Topic: Carbon management	Module: A systems approach to air quality & carbon management
<p>This module will look at the relationship between air pollution and carbon emissions and rationale for an integrated approach to the management of atmospheric emissions air pollution.</p> <p>Aims – the aims of the module are to:</p> <ul style="list-style-type: none"> Outline the main arguments for integrated management; Introduce the concept of synergies and trade-offs; Consider the role of local government. <p>Intended learning outcomes – by the end of this module students should be able to...</p> <ul style="list-style-type: none"> Understand the potential benefits of integrated management; Identify actions with a win-win or trade-off outcome based on individual circumstances; Consider carbon emissions within the local environmental policy framework. 	