

# Environmental Economics



Find out more about this course at  
<https://www.ciwem.org/training/environment>

## COURSE OVERVIEW

Environmental Economics is a new, one-and-a-half-day course designed to provide a practical introduction to the concepts, approaches and methods used in economics to address challenges in water and environmental management. It has been jointly developed with [eftec](#), the UK's leading dedicated environmental economics consultancy and coordinator of the UK Network of Environmental Economists, and Environmental Policy Consulting, who specialise in the application of environmental economics to water management.

The course will be of interest to those working in the private sector, in public agencies and in non-profit organisations who have an interest in how economics impacts on decision making in relation to the natural environment. The course is relevant to a range of sectors and fields, including agricultural economy, environmental consulting, water management, green infrastructure, climate change, natural capital, natural resource management, environmental policy/advocacy and environmental impact/sustainability assessment.

The course will encompass application to real world challenges, including climate change, biodiversity, green infrastructure, resource management and natural capital.

### Key learning outcomes

Upon successful completion of this course, participants will be able to:

- Demonstrate a clear understanding of key economic concepts, including economic value, scarcity, trade-offs and efficiency;
- Understand how economic values are interpreted, what they represent and how they can be estimated using different economic valuation methods;

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- Understand the purpose and principles of cost benefit analysis (CBA) and natural capital accounting and how economic value evidence can be used within these; and
- Identify areas of their work where they can utilise the learning.

## DELIVERY METHOD

### Day One

#### Morning (9.30 – 12.30)

- Introductions, background & expectations (15 mins)
- Key concepts and methods (45 mins)
  - Value, scarcity, trade-offs, efficiency, ethics
  - Valuing ecosystem services and natural capital
- Overview of economic valuation methods and uses (1.5 hours)
  - Market and non-market approaches
  - Value transfer

#### Afternoon (13.15 – 16.30)

- Using economic value evidence to support decision-making (45 mins)
  - HM Treasury Green Book guidance
  - Combining financial with env & social costs
- Policy applications (2 hours)
  - Valuation in the water sector - business planning, WRMPs, NEP/RBMPs (1 hour)
  - Green infrastructure in urban areas – assessing the benefits (1 hour)

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<ul style="list-style-type: none"> <li>• Worked example – practical exercise</li> <li>• Limitations, examples</li> <li>• Discussion (30 mins)</li> </ul>	<ul style="list-style-type: none"> <li>• Practical group exercise (30 mins)</li> </ul>
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**Trainers and speakers:** The course will be run by Ece Ozdemiroglu and Allan Provins from **eftec** (Ece Ozdemiroglu, Allan Provins) and Bruce Horton from **Environmental Policy Consulting**. Additional speakers may be used to support the ‘applications to policy’ sessions.

## Day Two

<p><u>Morning (9.30 – 12.30)</u></p> <ul style="list-style-type: none"> <li>• Natural capital accounting (1 hour) <ul style="list-style-type: none"> <li>• Principles, ENCA guidance</li> <li>• Uses and examples</li> </ul> </li> <li>• Climate change adaptation and mitigation (1 hour) <ul style="list-style-type: none"> <li>• Role of economic analysis in strategic planning</li> </ul> </li> <li>• Practical group exercise (30 mins)</li> <li>• Discussion and wrap-up (30 mins)</li> </ul>	<p><u>Additional information</u></p> <ul style="list-style-type: none"> <li>• Slides will be prepared in advance and printed for delegates (3 per page, double-sided). We will also provide a further reading list. There will be no separate handbook.</li> <li>• The course is CPD accredited</li> <li>• For further details and booking, contact CIWEM</li> </ul>
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## VENUE & BOOKING

**Location:** London (CIWEM Venue) 106-109 Saffron Hill, Holborn

**Date:** 6<sup>th</sup> and 7<sup>th</sup> July, 2020

**Course fee:** £695 + UK VAT

**Enrolment:** Delegates can enrol [online](#).

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