

**2022 AUTUMN CONFERENCE PROGRAMME 23RD & 24TH NOVEMBER 2022
DELIVERING A NATURE POSITIVE, CARBON NEGATIVE FUTURE**

SESSION 1. Leading the Way on Climate and Nature Chair: Richard Handley CEcol MCIEEM, CIEEM President	
9:55	Welcome and Introduction
10:00	Keynote: Màiri McAllan, Scottish Government Minister for Environment and Land Reform
10:25	Why A Natural Capital Approach is Needed to Secure the Greatest Benefits from Investing in Nature Brendan Turvey, NatureScot
10.50	Action 2030 - Leading the Way: Ecologists and Environmental Managers Tackling the Climate Emergency and Biodiversity Crisis John Box CEcol FCIEEM(rtd.), Morgan Taylor CEnv MCIEEM
11:15	Break
SESSION 2. Delivering for Nature, Carbon and People Chair: Matthew Pannell CEnv MCIEEM, Convenor, CIEEM Scotland	
11:45	Changing Client Interest and Expectations around Biodiversity and Natural Capital Ida Bailey ACIEEM & Paul Watkinson, SLR Consulting
12:10	Nature, Carbon, People: 21st Century Nature Conservation in the National Trust Stewart Clarke CEcol MCIEEM; Ben McCarthy; Rosie Hails, National Trust
12.35	Estuarine and Coastal Habitat Restoration: How it can Deliver for Communities, Nature and the Climate Eve Leegwater MCIEEM & Dr Benjamin Green, Environment Agency
13:00	Lunch
SESSION 3. Workshops/Breakout Sessions	
14:00	<ol style="list-style-type: none"> Why aren't Nature-based Solutions the Norm? - Rebekah Strong, Scottish Wildlife Trust We're on an e:Mission! Our journey from a Sustainability Strategy to Net Zero, Nature Positive Projects - Vicki Betts, Dominic Coath CEcol MCIEEM, Environment Agency NARIA: A Framework for Assessing Ecosystem Integrity - Dr Paul Jepson, Ecosulis EcoCampus and Implications for Employers- Peter Redfern, Nottingham Trent University
15:00	Break
SESSION 4. Developing New Approaches Chair: Sally Hayns CEcol FCIEEM, CEO (CIEEM)	
15:30	<i>To be confirmed</i>
15:55	Traps, Apps and Maps: Digital Data Collection Methods for Trustable Data Dr Hannah Rudman, SRUC
16:20	Understanding the Carbon impact of Biodiversity Net Gain Dr Julia Baker CEnv MCIEEM, Mott MacDonald Ltd
16:45	Summary and Close day 1
16:50-17:20	Ecological Restoration and Habitat Creation Special Interest Group All Welcome to hear about and consult on Action Plan. Chaired by Dr David Parker CEcol CEnv FCIEEM.

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09:00 - Welcome and Introduction

AGM 09:00 – 09:55

SESSION 5: Applying Nature-based Solutions

Chair: Dr Caroline McParland CEnv MCIEEM, Vice President (Scotland)

10:05 Carbon Storage and Sequestration – Where and How?

Penny Anderson CEcol FCIEEM (rtd.)

10:30 PONDERFUL: Exploring the Use of Ponds as a Nature-based Solution to Climate Change Through their Role in Biodiversity Conservation and Carbon Sequestration

Helen Greaves, University College London

10:55 Using a Catchment Assessment Toolkit to Evaluate Nature-based Solutions at a Catchment Scale

Sinead Tulloch; Tom Coyne MCIEEM; Alex Nicholson, Arup

11:20 Break

SESSION 6. Workshops/Breakout Sessions

- 11:50**
- 5. **Taking the Path toward a Nature Positive, Carbon Negative Business** - Tom Butterworth MCIEEM, Margot Greenen, WSP
 - 6. **Estimating Whole Life Carbon Impact of Nature Works – The Cost Side** - Neil Guthrie MCIEEM, Environment Agency; Hayley Maynard, AECOM
 - 7. **The role of trees and woodland in delivering a nature positive, carbon negative future – challenge and collaboration. Institute of Chartered Foresters & CIEEM Workshop** - Lisa Kerslake CEcol FCIEEM and Martin Glynn FICFor CEnv
 - 8. **What do Employers Need Graduates to Know About Achieving Carbon Zero and Environmental Sustainability?** Dr Liz Lakin MCIEEM and Dr Laura Roberts MCIEEM

Lunch

SESSION 7: Delivering at a Landscape-scale

Chair: Richard Handley CEcol MCIEEM, CIEEM President

14:00 What Role Could the Loch Lomond and The Trossachs and the Wider UK National Park Network Play in Delivering a Nature Positive, Carbon Negative Future?

Prof Chris Spray FCIEEM, Dr Heather Reid, Simon Jones, Loch Lomond and The Trossachs National Park

14:25 Delivering Carbon Net Zero and Biodiversity Net Gain at Scale - a Case Study from the Ministry of Justice

Anna Bright MCIEEM, Ministry of Justice; Laura Homfray, WSP; Matthew Brown, Forest Creation

14:50 Beyond Carbon: Benefits and Trade-offs of Broadleaved Woodland Expansion for Multifunctional Landscapes

Alessandro Gimona et al, James Hutton Institute

15:15 Break

15:40 How Can Rewilding Help Us Address the Biodiversity and Climate Crisis?

Ella Milne QCIEEM, Ecosulis

16:05 The Importance of a Holistic Approach to Carbon Reduction Programmes

Martina Girvan CEcol MCIEEM & Liam Price ACIEEM, Arcadis Consulting Ltd

16:30 Summary and Close day 2