

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	Leading the Way: Ecologists and Environmental Managers Tackling the Climate Emergency and Biodiversity Crisis John Box CEcol FCIEEM(rtd.) FCIWEM, Chair of Action 2030 Working Group & Morgan Taylor CEnv MCIEEM, Greengage Environmental
11:15	Break
SESSION 2. Delivering for Nature, Carbon and People	
Chair: Matthew Pannell CEnv MCIEEM, Convenor, CIEEM Scotland	
11:45	Biodiversity and Natural Capital – Emerging Trends in Client Perspective and Relevant Approaches Ida Bailey ACIEEM CERPIT & 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"> 1. Why aren't Nature-based Solutions the Norm? - Rebekah Strong, Scottish Wildlife Trust 2. We're on an e:Mission! Our journey from a Sustainability Strategy to Net Zero, Nature Positive Projects - Dominic Coath CEcol MCIEEM & Dr Sarah Jane Scott MCIEEM, Environment Agency 3. NARIA: A Framework for Assessing Ecosystem Integrity - Dr Paul Jepson, Ecosulis 4. EcoCampus - Using an environmental management system to improve carbon performance and why this matters to your future employees – Alex Hobbins & Khaled Belgasmi, Loreus Ltd; Peter Redfern, Nottingham Trent University
15:00	Break
SESSION 4. Developing New Approaches	
Chair: Sally Hayns CEcol FCIEEM, CEO (CIEEM)	
15:30	The Importance of Professional Collaboration in Delivering Nature Positive, Carbon Negative Projects Francis Hesketh BSc (Hons) MCIEEM CEnv CMLI MICFor, TEP
15:55	Traps, Apps and Maps: Digital Data Collection Methods for Trustable Data Dr Hannah Rudman, SRUC, Scotland's Rural College
16:20	Understanding the Carbon Impact of Biodiversity Net Gain Dr Julia Baker CEnv MCIEEM & Ruby Plackett, 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 & 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	Evaluating Nature-based Solutions on a Catchment Scale Sinead Tulloch; Alex Nicholson & Tom Coyne MCIEEM Arup
11:20	Break
SESSION 6. Workshops/Breakout Sessions	
11:50	<ul style="list-style-type: none"> 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 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 & Martin Glynn FICFor CEnv 8. What do Employers Need Graduates to Know About Achieving Carbon Zero and Environmental Sustainability? Dr Liz Lakin MCIEEM & Dr Laura Roberts MCIEEM
13:00	Lunch
SESSION 7: Delivering at a Landscape-scale Chair: Prof. Roger Crofts FCIEEM	
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? Dr Heather Reid; Simon Jones & Prof Chris Spray FCIEEM, 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, Verna
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
Chair: Richard Handley CEcol MCIEEM, CIEEM President	
15:40	How Can Rewilding Help Us Address the Biodiversity and Climate Crisis? Ella Milne, 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