

ZSL SYMPOSIUM – PROGRAMME

ECOLOGICAL CONNECTIVITY ACROSS TEMPERATE COASTAL HABITATS – MOVING TOWARDS SEASCAPE SCALE RESTORATION

ZSL MEETING ROOMS, LONDON, UK

DAY 1: TUESDAY 22 NOVEMBER 2022

08:50 DOORS OPEN – REGISTRATION

09:20 WELCOME

Matthew Gould, Director General, Zoological Society of London

09:30 SYMPOSIUM INTRODUCTION

Dr Joanne Preston, University of Portsmouth and UK Native Oyster Network

09:40 SESSION 1: INTERNATIONAL CONTEXT FOR SEASCAPE RESTORATION

Chair: Alison Debney, Zoological Society of London

09:45 Turning the tide on ocean decline: Large-scale marine restoration is key

Dr Tundi Agardy, Sound Seas

10:10 An overview of the EU Nature Restoration Law with respect to the coastal environment

Dr Jakub Wejchert, Directorate-General for Environment, European Commission

10:30 **PANEL SESSION Q&A**

10:50 MORNING BREAK

**11:20 SESSION 2: HISTORICAL ECOLOGY AND CURRENT KNOWLEDGE OF
TEMPERATE MARINE HABITATS**

Chair: Dr Philine zu Ermgassen, University of Edinburgh

11:25 Evidencing Europe's lost native oyster (*Ostrea edulis*) habitats

Dr Ruth Thurstan, University of Exeter

11:45 The structure, function and blue carbon potential of UK kelp forests

Professor Pippa Moore, Newcastle University (*remote presentation*)

12:05 Connected seagrass restoration – a seascape of knowledge gaps

Dr Richard Unsworth, Project Seagrass

12:25 Saltmarsh ecology and processes

Angus Garbutt, UK Centre for Ecology & Hydrology (CEH)

12:45 PANEL SESSION Q&A

13:05 LUNCH BREAK

14:10 SESSION 3: INTEGRATED HABITAT RESTORATION & SEASCAPE CONNECTIVITY

Chair: Celine Gamble, Zoological Society of London

14:15 Seascape restoration: is it possible and what are the benefits?

Dr Philine zu Ermgassen, University of Edinburgh

14:35 Multi-habitat restoration: optimising reef restorations to recover multiple habitats

Dr Dominic McAfee, University of Adelaide, Australia (*remote presentation*)

14:55 Solent Restoration Project - building the evidence base for a seascape approach

Dr Joanne Preston, University of Portsmouth and UK Native Oyster Network

15:15 ARK's rewilding at sea approach

Gwenaël Hanon, ARK Nature

15:35 PANEL SESSION Q&A

15:55 AFTERNOON BREAK

16:25 SESSION 4: MECHANISMS AND EVIDENCE OF CONNECTIVITY

Chaired discussion; Chair: Dr Joanne Preston, University of Portsmouth and UK Native Oyster Network

17:25 CLOSING COMMENTS

17:30 POSTER SESSION & DRINKS RECEPTION

18:45 SYMPOSIUM DINNER (*Mappin Pavilion - additional ticket required*)

21:00 DAY 1 CLOSE

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DAY 2: WEDNESDAY 23 NOVEMBER 2022

09:00 DOORS OPEN - REGISTRATION

09:30 WELCOME & INTRODUCTION

Dr Philine zu Ermgassen, University of Edinburgh

09:35 SESSION 5: SCIENCE OF CONNECTIVITY

Chair: Professor Graham Underwood, University of Essex

09:40 How can seascape ecology thinking and analytics help guide coastal restoration

Courtney Stuart and Dr Simon J. Pittman, Oxford Seascape Ecology Lab, University of Oxford and Seascape Analytics

10:05 The multifaceted nature of connectivity and its implications for coastal restoration: a fishy perspective

Professor Ronald Baker, University of South Alabama, USA and Dauphin Island Sea Lab

10:30 Whose carbon is it anyway? Accounting for connectivity between blue carbon habitats

Dr Rachel Dunk, Manchester Metropolitan University

10:45 Marine habitat connectivity through the soundscape

Professor Steve Simpson, University of Bristol and University of Exeter

11:05 PANEL SESSION Q&A

11:20 MORNING BREAK

11:45 SESSION 6: DECISION MAKING IN HABITAT RESTORATION

Chair: Dr Boze Hancock, The Nature Conservancy

11:50 Towards a consistent approach for monitoring, evaluation and reporting of seascape restoration

Dr Simon Reeves, The Nature Conservancy, Australia

12:15 ReMeMaRe (Restoring Meadow Marsh and Reef) – the challenge of increasing confidence: how far have we come and where do we go next

Roger Proudfoot, Environment Agency, UK

- 12:30 The role of habitat condition in Nature-based Solutions in the Solent
Dr Stephen Watson, Plymouth Marine Laboratory
- 12:45 Habitat characteristics modulate fish recruitment enhancement in threatened coastal nursery habitats: a continental meta-analysis
Dr Juhung Lee, Northeastern University, USA (*remote presentation*)
- 13:00 PANEL SESSION Q&A
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13:20 LUNCH BREAK

14:20 SESSION 7: COASTAL RESTORATION AND THE FUTURE

Chair: Will Manning, Environment Agency UK

- 14:25 Nature based solutions: opportunities and challenges
Dr Nathalie Pettorelli, Zoological Society of London
- 14:50 Mangrove restoration opportunities
Dr Thomas Worthington, University of Cambridge
- 15:05 Blue Carbon - an integrated, collaborative approach
Dan Crockett, Blue Marine Foundation
- 15:20 Coastal Restoration: Implications for human health and wellbeing
Professor Michael Depledge CBE, University of Exeter Medical School & Eden Project
- 15:45 PANEL SESSION Q&A
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16:05 AFTERNOON BREAK

16:25 SESSION 8: OPERATIONALISING SEASCAPE RESTORATION

Chaired discussion; Chair: Caroline Price, The Crown Estate

17:25 CLOSING COMMENTS

17:30 DAY 2 CLOSE

END OF SYMPOSIUM

SITE MAPS & TRAVEL INFORMATION

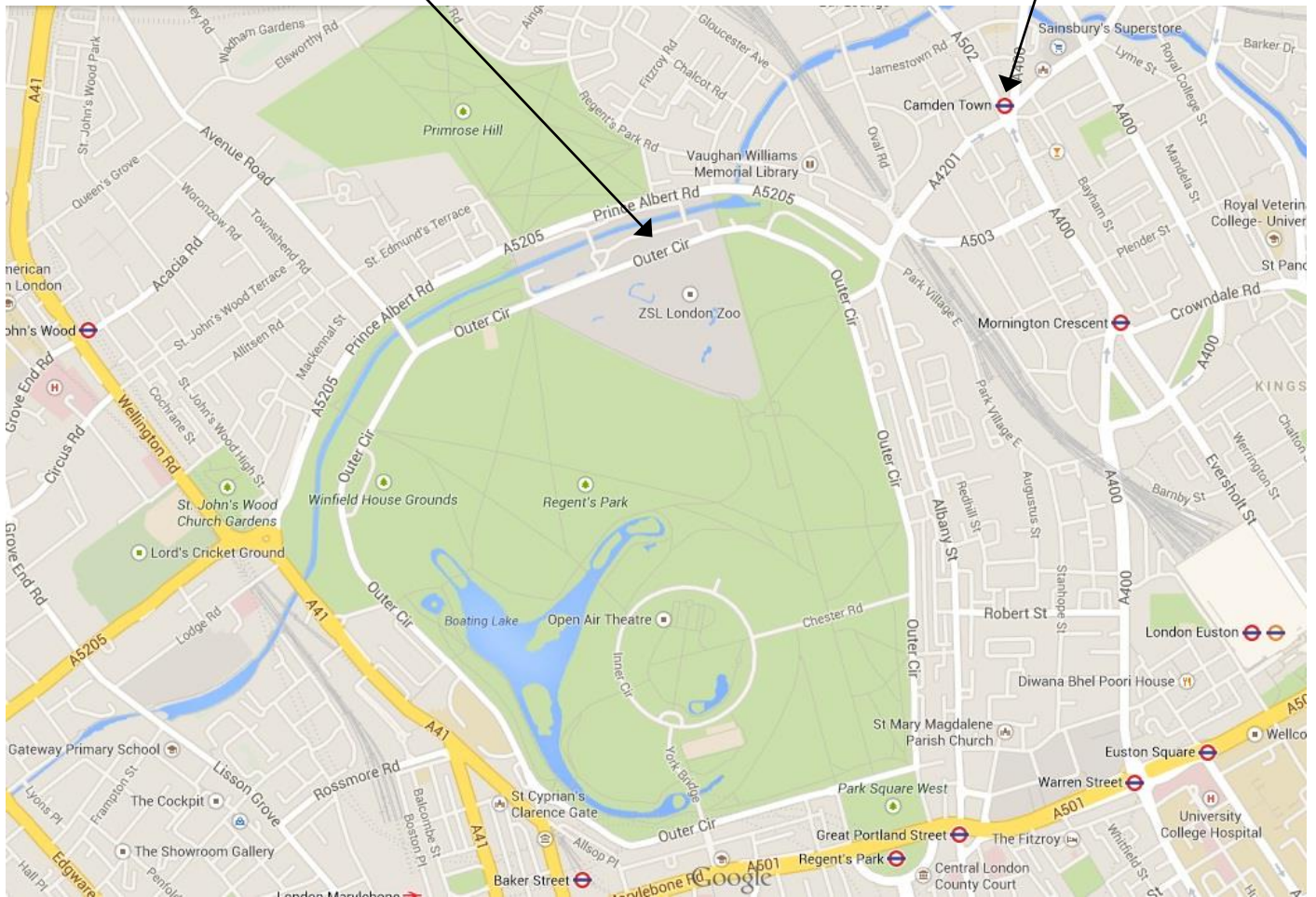
LOCATION FOR DINNER ON DAY 1
- THE MAPPIN PAVILION



ENTRANCE TO HUXLEY LECTURE THEATRE FROM OUTER CIRCLE

ZSL MEETING ROOMS

CAMDEN TOWN STATION
(NORTHERN LINE)



To walk between ZSL London Zoo and Camden Town underground station takes around ten minutes.

Transport for London Travel information

Telephone: 0843 222 1234 (24 hours a day); Textphone: 020 7918 3015

BUS 274 to Camden Town and Baker Street

www.tfl.gov.uk/
www.citimapper.com

Taxi numbers

Taxi One-Number bookings: 0871 871 8710
Call-A-Cab: 020 8901 4444
Computer Cab: 020 7908 0207
DataCab: 020 7432 1540
Dial-A-Cab: 020 7253 5000
Radio Taxis: 020 7272 0272
Addison Lee: 020 7387 8888

THANK YOU FOR ATTENDING