

THE MULTIPLE VALUES OF NATURE

A JOINT MEETING OF THE BRITISH
ECOLOGICAL SOCIETY JOURNAL,
PEOPLE AND NATURE, AND THE
VALUING NATURE PROGRAMME

2 – 3 MARCH 2020
BRISTOL, UK
#MVN20

WELCOME FROM THE ORGANISERS

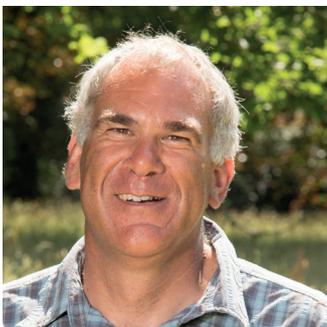
Welcome to 'The Multiple Values of Nature', a joint meeting of the British Ecological Society journal, *People and Nature*, (this is the journal's first symposium), and the Valuing Nature Programme (a research programme funded by the Natural Environment Research Council, the Economic and Social Research Council, the Biotechnology and Biological Sciences Research Council, the Arts and Humanities Research Council, and the Department for Environment, Food and Rural Affairs).

There is huge interest at the present time in the values of nature, what these are, how they can be conceptualised, measured and otherwise explored, and their implications. However, much of the associated discussion and debate occurs within disciplinarily constrained contexts.

This meeting is bringing together natural and social scientists, policy makers, and practitioners for what we anticipate will be a stimulating exchange of ideas and perspectives.

The meeting is arranged around three broad themes: Balancing multiple values: opportunities and challenges; Values in action: exploring processes of change and transformation; and Beyond the usual suspects: finding diverse support for nature protection.

We have a fantastic programme of speakers, but we have planned a truly interactive event, where all participants can contribute. Please make the most of the many opportunities to do so, both to make your views heard and to make new and lasting contacts. We greatly look forward to two informative and enjoyable days.



Kevin Gaston,
University of Exeter,
Editor-in-Chief
People and Nature
(on behalf of the
meeting organisers)

MEETING ORGANISERS

Emilie Aimé, Managing Editor,
British Ecological Society, *People and Nature*

Kevin Gaston, University of Exeter,
Editor-in-Chief, *People and Nature*

Kai M A Chan, University of British Columbia,
Lead Editor, *People and Nature*

Robert Fish, University of Kent, Lead Editor,
People and Nature, Valuing Nature Network

Rosemary Hails, The National Trust,
Lead Editor, *People and Nature*,
Valuing Nature Network

Cecily Maller, RMIT University,
Lead Editor, *People and Nature*

PRESIDENT'S WELCOME

It is a huge pleasure to welcome you to the Multiple Values of Nature symposium, a joint meeting between the British Ecological Society journal, *People and Nature*, and the Valuing Nature Programme.

You have an exciting few days ahead of you here in Bristol. The natural world is under increasing pressure from people, yet people depend on the benefits it provides such as food, water and ecotourism. These benefits come from complex interactions between human and ecological systems and understanding these interactions is essential for finding solutions to many of the really big problems faced by society.

The combination of the journal, *People and Nature*, and the Valuing Nature Programme is a match made in heaven. The journal is now a year old and is doing what it set out to do – providing a place to publish quality work at the nexus where people and nature interact. The Valuing Nature Programme aims to improve our understanding of the value of nature, doing this by funding interdisciplinary research, and building and maintaining the links between the research community and the people who make decisions that affect nature.

The conference organisers have put together a three-pronged programme which encompasses the tensions and opportunities that arise when multiple values are at stake, explores the relationship between values and action on the ground, and asks how we can ensure that people continue to interact with nature, a particularly pertinent question as more people move to urban habitats and spend less time outdoors.

Organising conferences is exciting, rewarding and fun but is also a lot of hard work and I would like to formally thank the staff who have organised this conference – as always there is a team of people behind the scenes who make things happen!

Finally, I would like to welcome you to the city of Bristol which has been my home for the last two decades. It is a city perfect for ecological visitors as it's a veritable hotspot of ecological interests, businesses and activities. The conference is located on a historic harbour and there is lots to enjoy here during your visit – from bars and coffee shops, to museums and cinemas, and even a unique floating reed bed.



Jane Memmott
BES President

PROGRAMME OVERVIEW

08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
Monday 2															
	Registration	Welcome	Session 1	Lunch	Session 2	Break	Session 3	Poster Session & Planetarium Showings	Symposium Dinner (Bristol Aquarium)						
Tuesday 3															
	Registration	Session 4	Lunch	Session 5	Break	Session 6	Close	Public Debate, Bristol Zoo (doors open 18:45) *							
Wednesday 4															
	Post Conference Tour														

*This is a ticketed fringe event.

MEETING THEMES

The meeting is split into three themes covering many aspects of the Multiple Values of Nature. These three themes are outlined below.

BALANCING MULTIPLE VALUES: OPPORTUNITIES AND CHALLENGES

Differences in the way humans conceptualise and value nature arise through diverse disciplinary, theoretical, cultural and political contexts. In recognition of the varied ways nature is valued, this theme focuses on the tensions, contestations and opportunities occurring when multiple values of nature come into contact, and what, if anything, to do about it. Submission of abstracts that explore aspects of ethics, governance, disciplinary developments and the different forms of politics that might be required to balance or accept multiple nature values, were particularly encouraged. In the environmental sciences this has been an area of active research for the last few decades, resulting in a range of mathematical models and tools aimed at examining the consequences of land management choices on environmental or cultural resources, exploring the trade-offs that result. Papers that explore the challenges of blending quantitative approaches with qualitative values, for instance through deliberation and participation, and drawing on interdisciplinary approaches were also of key interest. In focusing on the dynamics of balancing multiple values of nature in a range of contexts, this session aims to generate ways forward regarding how and when multiple values might usefully and respectfully be brought together.

VALUES IN ACTION: EXPLORING PROCESSES OF CHANGE AND TRANSFORMATION

How do values linked to the natural world relate to wider processes of change and transformation in social-ecological systems? A long-standing and persistent thread of sustainability and resilience discourse is concerned with the relationship between values and action, and indeed, much has been written about the challenge of variously translating, communicating and embedding affirmative visions and mandates for nature into the messy world of practice. Relational approaches to people and nature encourage us to explore the practical contexts in which values take shape and exert influence, be that through the institutions we build, the landscapes we plan, the businesses we create or the communities we grow. In this session, we will consider the many and diverse ways values are fostered, enacted and enabled, but also impeded, as they move through different sites and arenas of state and civil society action.

MEETING THEMES

BEYOND THE USUAL SUSPECTS: FINDING DIVERSE SUPPORT FOR NATURE PROTECTION

Globally, many populations are becoming increasingly detached from nature, as the populations become more urbanized and indoor recreation displaces outdoor recreation. Interaction with the wild is now no longer necessary, normal, or possible for many people. These changing relationships with nature have dealt a blow to conservation, as evidenced by the shrinking and aging memberships of many Conservation NGOs. To reverse this trend and expand the base of conservation beyond the mostly white, educated core, conservationists must utilize new methods that engage with a changing public. This session will showcase diverse ways that conservation practitioners have successfully motivated a new cadre of conservationists in novel ways in a variety of settings and with diverse populations. It will also explore the emerging values research that underpins such engagement—research that addresses and integrates values, identity, finance, motivations and inclusion in a sustainability context. Collectively, the session will elucidate how and why engagement techniques have evolved from those used in recruiting the ‘old guard’ of conservation. By embracing novel motivations and approaches, perhaps conservation can become more inclusive, imaginative and successful.

KEYNOTE SPEAKERS

CECILY MALLER

**RMIT University, Lead Editor,
*People and Nature***



Cecily is an Associate Professor in the Centre for Urban Research at RMIT University in Melbourne, Australia where she co-leads the People, Nature, Place Research Program. Her research focuses on human-environment interactions in urban settings in the context of everyday life. Cecily is particularly interested in how people interact with animals and plants in homes and neighbourhoods, how these interactions affect health and wellbeing, and the implications for making cities greener and more biodiverse. As part of this work, she is a lead investigator for the Australian Government's Clean Air and Urban Landscapes Hub (funded by the National Environmental Sciences Program). Cecily has been interested in the health benefits of contact with nature since working on the Healthy Parks, Healthy People initiative in the early 2000s. Although an interdisciplinary scholar, her work is broadly situated in human geography, specialising in post-humanist approaches and qualitative methods.

CHERYL WILLIS AND SUE RANGER

**Cheryl Willis,
Natural England,
Marine Conservation Society**



Cheryl Willis is a Senior Specialist in social science at Natural England. She specialises in participatory research methods and behaviour change. Cheryl's research interests include environmental justice and how people connect with and ascribe meaning to different natural environments. Before joining Natural England, three years ago, Cheryl worked at and gained her PhD from the University of Exeter where she focused on understanding and measuring cultural ecosystem services and the psychological well-being benefits of coastal spaces.

**Sue Ranger,
Marine Conservation Society**



Sue Ranger has been with the Marine Conservation Society since 2001 and has worked in marine conservation, community engagement and education for over 25 years. While she grew up in South Africa, a thousand kilometres from the ocean, she has always felt a strong connection with the coast and sea. Sue currently leads a team focused on education, and innovative and effective stakeholder engagement. Sue is currently doing a PhD, looking at the contribution that the coast and sea makes to human wellbeing and how we can ensure that the less tangible value of the ocean is not forgotten in policy and decision-making. She juggles work and studies with raising her two children and spending as much time as possible outside.

**GRETCHEN C. DAILY
(remote speaker)**



**Stanford University,
Center for Conservation Biology**

Gretchen Daily is Bing Professor of Environmental Science, Senior Fellow in the Stanford Woods Institute, Director of the Center for Conservation Biology, and faculty director of the Natural Capital Project. Daily's research is on understanding the dynamics of change in the biosphere, their implications for human well-being, and the deep societal transformations needed to secure people and nature. Through the Natural Capital Project, she works extensively with governments, multilateral development banks, businesses, communities, and NGOs. A global partnership that is integrating the values of nature into policy, finance and management globally, its tools and approaches are now used in 185 nations through the Natural Capital Platform. The partnership is increasingly focused on advancing understanding of nature's contributions to human health. For scalable successes to date, see the forthcoming book, *Green Growth that Works: Natural Capital Policy and Finance Mechanisms from Around the World* (Island Press, Sept 2019).

KEYNOTE SPEAKERS

IAN BATEMAN

University of Exeter Business School



Ian is Professor of Environmental Economics and Director of the Land, Environment, Economics and Policy Institute (LEEP) at the University of Exeter Business School, UK. Ian has been awarded a Royal Society Wolfson Research Merit award and is a Member of the Natural Capital Committee (reporting to the Chancellor of the Exchequer) and the Board of the Joint Nature Conservation Committee. He led the economics team for the UK National Ecosystem Assessment (UK-NEA) and leads NERC SWEEP programme bringing together business and policy decision makers with research experts to examine natural environment and economic issues.

ISABELLE ANGUELOVSKI

Universitat Autònoma de Barcelona, Institute for Environmental Science and Technology, and Barcelona Lab for Urban Environmental Justice and Sustainability



Isabelle is the director of BCNUEJ (Barcelona Lab for Urban Environmental Justice and Sustainability) and ICREA Research Professor at the Universitat Autònoma de Barcelona (UAB) within the Institute for Environmental Science and Technology (ICTA). Situated at the intersection of urban planning and policy, social inequality and development studies, her research examines the extent to which urban plans and policy decisions contribute to more just, resilient, healthy, and sustainable cities, and how community groups in distressed neighbourhoods contest the existence, creation, or exacerbation of environmental inequities as a result of urban (re) development processes and policies. In the ERC EU-funded project GREENLULUS, she and others explore how environmental gentrification processes can lead to new forms of locally unwanted land uses, Green Locally Unwanted Land Uses in communities of color and lower-income neighbourhoods.

JASPER KENTER

University of York



Jasper Kenter is Associate Professor in Deliberative Ecological Economics at the University of York. He is an interdisciplinary researcher in sustainable development, conservation and environmental management issues with a specialisation in ecological economics and public and stakeholder deliberation, focusing on people's values about nature and the development of shared values to resolve environmental conflicts. Jasper is an Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES) lead author, associate editor of the journal *Ecosystem Services*, and a minister of the One Spirit Interfaith Foundation. He currently co-leads the EU Horizon 2020 PERICLES project on integrating cultural and natural heritage of the sea. Previously he was principal investigator on shared, plural and cultural values for the UK National Ecosystem Assessment follow-on.

KAI M. A. CHAN

University of British Columbia; Lead Editor, *People and Nature*



Kai is a professor in the Institute for Resources, Environment and Sustainability at University of British Columbia. He is an interdisciplinary, problem-oriented sustainability scientist, trained in ecology, policy, and ethics from Princeton and Stanford Universities. Kai strives to understand how social-ecological systems can be transformed to be both better and wilder ('better' including considerations of justice). Towards this end, he does modelling and empirical research to improve the management and governance of social-ecological systems. He has special interest in ecosystem services (ES; while recognizing and working on the concept's limitations), including cumulative impacts and risks to ES; the evolutionary ecology of pest control; applied environmental ethics; ecosystem-based management; social-ecological systems and resilience; and connecting these ecosystem-oriented efforts to environmental assessment.

KEYNOTE SPEAKERS

RACHELLE GOULD

University of Vermont

Rachelle Gould is an Assistant Professor in Sustainability and Global Equity at the University of Vermont. She is an interdisciplinary scholar whose work involves social science, the humanities, and ecology. Her research explores the relationship between people and ecosystems, with two foci: the values of nature (including cultural ecosystem services and relational values), and lifelong and life-wide environmental education and learning. Attention to equity and justice issues motivate and undergird this work.

Community-based research is an important part of Rachelle's approach, and her work has led her to multiple continents and scores of relationships with conservation practitioners, government officials, and local community members. These have included a higher education institution in Bhutan, The Nature Conservancy in Chile, and NGO and governmental partners in Kona, Hawaii. She and her research team currently conduct research in Hawaii, multiple locations in Vermont, and New York City. Rachelle holds interdisciplinary environmental degrees from Harvard (BA), Yale (MA), and Stanford (PhD).



ROB FISH

University of Kent, Valuing Nature Network, Lead Editor, *People and Nature*

Rob is a Reader in Human Ecology in the School of Anthropology and Conservation, University of Kent. He is an environmental social scientist interested in the social and cultural dimensions of natural resource management. Understanding how the natural world is imagined, valued and planned as an asset for human well-being is the preoccupying concern of his research.

Much of his work is centred on rural and agricultural landscapes and is distinguished by its interdisciplinary, participatory and problem-centred focus, as well as by direct intervention in the policy process. In recent years he has been particularly associated with the development of ecosystem-based approaches to natural resource management, which he seeks to influence and shape from a social science and critical starting point.



ROSIE HAILS MBE

National Trust, Valuing Nature Network, Lead Editor, *People and Nature*

Professor Rosemary Hails is the Director of Science and Nature for the National Trust. She was formerly Science Director for Biodiversity and Ecosystems Services at the Centre for Ecology & Hydrology (CEH). She is Chair of the Advisory Committee on Releases to the Environment (ACRE) and a member of the Natural Environment Research Council Science Board as well as Council member of the RSPB. She leads the co-ordination team for the Valuing Nature Programme, a £7-million interdisciplinary research programme funded by NERC, ESRC, BBSRC, Defra and AHRC. She is a vice president and member of council for the British Ecological Society (BES) and in 2008 co-founded the Natural Capital Initiative in collaboration with the BES and The Royal Society of Biology. She was a member of the expert panel and an author for the UK National Ecosystem Assessment and a member of the first Natural Capital Committee. She was awarded an MBE for services to environmental research in June 2000.



TOBY PARK

The Behavioural Insights Team

Toby is the Head of Energy & Sustainability at the Behavioural Insights Team, the world's first government organisation dedicated to the application of behavioural science to achieve positive social impacts. Toby's expertise lies in the psychology of pro-environmental behaviour, and he has led projects developing and testing policy and interventions to encourage energy and water conservation, sustainable transport adoption, sustainable food choices, and wildlife conservation behaviours. His background is in social psychology, and engineering.



PRESENTER INFORMATION

ORAL PRESENTERS

Sessions are split into 15-minute talk slots. Presentations for standard oral sessions must not exceed 13 minutes, allowing 2 minutes for discussion.

Please refrain from preparing a 15-minute talk.

The session chair will keep you to time, signalling when you have 5 minutes and 1 minute of speaking time remaining until you must stop to take questions. They will stop you if you reach 15 minutes.

If you are a **Keynote speaker**, you will have a 30-minute slot. Presentations should not exceed 25 minutes, allowing 5 minutes for discussion. You will be kept to time as above.

The meeting supports PowerPoint and PDF presentations (but these will be locked down so edits will not be possible). Presentations should be at a 16:9 ratio.

The Rosalind Franklin Room is equipped with a projector and lectern. A Helper will be available to assist in your session. Delegates are NOT permitted to run presentations from their own laptop.

There will be a PC available in The Rosalind Franklin Room, where you will be able to upload your talk with assistance from one of the meeting Helpers. Please ensure your presentation is uploaded at least 20 minutes before your scheduled session time, if you are presenting on the Monday. If you are presenting on the Tuesday, we recommend uploading your talk during either the lunch or afternoon coffee break on Monday. Please attempt to upload your presentation the day before your talk, particularly if you have been allocated to a morning session.

Please arrive at your session 15 minutes prior to the published start time. Before the start of your session, please make yourself known to your Chair and indicate how you would like to be introduced. For multi-author papers it is essential you have all authors' permission to give the presentation.

POSTER PRESENTERS

All posters will be displayed in The Rosalind Franklin Room.

All posters should be portrait/vertical orientation measuring 841mm wide and 1189mm tall. This is the **International A0** format. Posters will be attached with material provided on the day.

Posters can be put up from 09:00 on Monday 2 March.

All posters MUST be in place by 12:30 on Monday 2 March.

Your poster will be located according to your poster number. This number was supplied to you by the organisers, in advance of the meeting. Please ask a member of BES staff or Helper if you have any questions.

Posters will be on display for the duration of the meeting. During the Monday evening Poster Session from 18:00 – 19:30 you are required to stand at your poster and discuss your work with delegates. This is a valuable opportunity to publicise your research.

Posters must be **removed between 15:30 and 17:00 on Tuesday 3 March**. Posters remaining after this time may be disposed of.

If you submitted your poster to the Student Poster Prize, there will be a coloured sticker on your poster board and your presentation will be highlighted in the programme in **red**.

Student prize judging is based on categories including: style, scientific content, originality of research and effectiveness of communication.

ORAL PRESENTATIONS

Monday 2 March

09:00 – 10:00
Registration

10:00 – 10:30
Conference welcome

10:30 – 12:45

Session 1: Balancing multiple values

Chair: Cecily Maller

- 10:30 **Jasper Kenter:** A plurality of pluralities: seeing the woods through the trees of multiple values of nature
- 11:00 **Ian Bateman:** The case for the defence: Economic valuation and biodiversity net gain as a means to decision making for sustainable wellbeing
- 11:30 **Meredith Root-Bernstein:** The Generative Theory of Environmental Value, bringing together socio-ecological theory with existing scholarship on values
- 11:45 **Peter Bridgewater:** Whose values? And which nature? Looking into the IPBES rear-view mirror
- 12:00 **Frances Ryfield:** Emotional Ecologies: addressing multiple cultural values in coastal and marine ecosystem services
- 12:15 **Eirini Saratsi:** Valuing nature by nurturing (artistic) values
- 12:30 **Zuzana Harmackova:** Linking multiple values of nature with future impacts: Developing value-based participatory scenarios

12:45 – 13:30
Lunch

13:30 – 15:30

Session 2: Values in action

Chair: Rob Fish

- 13:30 **Toby Park:** Changing behaviour, not values: what's the difference?
- 14:00 **Cheryl Willis and Sue Ranger:** Revealing values at the coast

14:30 **Sue Williams:** "Mind the Gap": environmental values and actions

14:45 **Anja Byg:** Caring for Cinderella – Transformation of peatbogs and people through restoration projects in Scotland

15:00 **Seb O'Connor:** Living Well with Water: tracing social values to navigate decisions about the rivers in York

15:15 **Paula Novo:** Digging for nature – relating to nature through urban gardening practices

15:30 – 16:00
Tea & Coffee

16:00 – 18:00

Session 3: Beyond the usual suspects in the values of nature

Chair: Kai Chan

- 16:00 **Kai Chan:** Leveraging relational values to broaden the conservation constituency
- 16:30 **Helen Hoyle:** Futureproofing Luton: Engaging local stakeholder partners in co-producing an Air Quality Arboretum-meadow
- 16:45 **Marcus Grace:** Engaging young people from diverse backgrounds with nature: time to rethink science education
- 17:00 **Katie Horgan:** Beyond the usual suspects: the way I care may not be how you care
- 17:15 **Scott Herrett:** Engaging disenfranchised communities with nature
- 17:30 **Discussion session**
- 18:00 – 19:30
Poster Session & Planetarium Shows
- 19:30 – 23:00
Conference Dinner, Bristol Aquarium

ORAL PRESENTATIONS

Tuesday 3 March

09:30 – 10:30

Registration

10:30 – 12:30

Session 4: Values in action

Chair: Rob Fish

- 10:30 **Cecily Maller:** Turning things around: a provocation on reversing values and action
- 11:00 **Rosie Hails:** Scaling action for nature: the research and innovation needs of business
- 11:30 **Poppy Nicol:** Transformative Approaches to Bio-cultural Collections: Relational Values and an Ethics of Care
- 11:45 **Sian De Bell:** Human health and wellbeing as motivation for environmental investment
- 12:00 **Sam Staddon:** “Conservation’s all about having a blether and getting people on board”: Exploring the role of people, place and past as sites for conservation values and actions
- 12:15 **Richard Gunton:** How valuable is the future? A framework for assessing the multiple values of environmental manifestos

12:30 – 13:30

Lunch

13:30 – 15:30

Session 5: Beyond the usual suspects in the values of nature

Chair: Kai Chan

- 13:30 **Erle Ellis (remote speaker):** Whose Nature? Negotiating Across Diverse and Evolving Cultures of Nature to Conserve Biodiversity
- 13:45 **Rachelle Gould:** Ideas for how to be inclusive and imaginative as we consider multiple values
- 14:15 **Rob Fish:** Working with unusual suspects at the intersection of people and nature

14:45 **Sarah Crowley:** Managing hunting by domestic cats: constructively engaging cat owners to progress a complex environmental issue

15:00 **Sam Thurston:** Nature Friendly Schools - A model for (teacher) change?

15:15 **Mollie Chapman:** Donkeys, Deer, and Death in a Swiss Alpine Agro-ecosystem: Developing a relational values approach for more inclusive conservation

15:30 – 16:00

Tea & Coffee

16:00 – 17:45

Session 6: Balancing multiple values

Chair: Cecily Maller

- 16:00 **Gretchen Daily (remote speaker):** Valuing Nature in Real-World Decisions. Building an Ecological Civilization: Opening Pathways to Green, Inclusive Growth
- 16:30 **Isabelle Anguelovski:** The unequal and conflictive values of bringing nature back in the city
- 17:00 **Adam Hejnowicz:** The pluralistic evaluation framework: Implementing relational valuing for sustainability
- 17:15 **Matthew Hiron:** Species-level contribution to multiple values of nature: a tool for future biodiversity and ecosystem service assessments and public outreach
- 17:30 **Tim Acott:** When negative narratives dominate: How multiple ways of valuing wetlands and mosquitoes can support decision-making

17:45 – 18:00

Meeting Close

19:00 – 22:00

Public Debate, Bristol Zoo (doors open 18:45)*

*This is a ticketed fringe event.

POSTER PRESENTATIONS

- P1.0 Alice Hague** (The James Hutton Institute)
“A little enclave of naturalness”: valuing biodiversity in a remote area.
- P1.1 Anne-Claire Maurice** (Laboratoire ESE - Paris-Saclay)
Primary orientations and connection to nature among the Elipss panel, a sample of French population.
- P1.2 Christopher Ives** (University of Nottingham)
Religion, values for nature and sustainability: Concepts and insights.
- P1.3 Christopher Pollard** (Forest Research)
Whose values count? Interdisciplinary exploration of values within pathways for prevention of introduced species.
- P1.4 David Bennett** (Universite de Poitiers)
Comparative approach reviewing the socio-economic valuations of coral reefs in Europe, Africa and the Middle East.
- P1.5 Ellen Fletcher** (Imperial College London)
Urban Agriculture: The need to increase the inclusivity of allotments to deliver multiple benefits. Observations from London, U.K., inform future urban green space provisioning.
- P1.6 Emmeline Topp** (Leuphana University)
Decision-making for nature's contributions to people in the Cape Floristic Region: the role of values, knowledge and rules.
- P1.7 Francis Rowney** (University of Exeter)
Green-blue space and individual-level mental health and wellbeing.
- P1.8 Heather Sander** (University of Iowa)
Values of urban vegetation vary: Implications for urban greening.
- P1.9 Jakub Kronenberg** (University of Lodz)
Shortcomings of the economic reasoning for nature protection - based on the historical example of economic ornithology.
- P1.10 James Cranston** (University of Exeter)
Climate opportunists or ecological refugees: attitudes to range-shifting species illustrate differing values amongst UK wildlife recorders.
- P1.11 Janet Fisher** (University of Edinburgh)
Using the Future of Conservation Survey as a tool to facilitate constructive conversations about divergent viewpoints within groups of conservationists.
- P1.12 Jens Jetzkowitz** (Museum für Naturkunde Berlin)
What are the decision criteria for institutional investors in alternative capital business? A secondary analysis of investor survey data.
- P1.13 Jonathan Reeves** (Wildfowl Wetlands Trust)
Wetlands, tech and health: Connecting the corporate workforce with nature.
- P1.14 Kate Howlett** (University of Cambridge)
The value of UK primary school grounds for reconnecting children with nature.
- P1.15 Kim Jacobsen** (University of Oxford)
Happiness and lions - valuation of the impact of large predators on wellbeing.
- P1.16 Louise Montgomery** (Royal Holloway University of London)
Children's perception of local biodiversity and its influence on their wellbeing and connection to nature: is the grass always greener?
- P1.17 Lubos Slovak** (CzechGlobe - Global Change Research Institute of the Czech Academy of Sciences)
Why do people go to nature? Assessment and mapping of non-material values of nature and landscape in three case studies in the Czech Republic.
- P1.18 Luke Hecht** (Durham University)
Managing populations while valuing individuals.
- P1.19 Martin Tscholl** (Museum für Naturkunde Leibniz Institute for Evolution and Biodiversity Science)
Posting Nature: cultural processing of visual representations of nature in urban spaces via Instagram.
- P1.20 Maximilian Nawrath** (University of Leeds)
Urbanisation affects the multiple values of nature held by residents of Kathmandu, Nepal.
- P1.21 Nadira Hendarta** (University of Hull)
Unifying Environmental and Anthropological Values in Hull's Urban Green Spaces.
- P1.22 Phoebe Maund** (Durrell Institute of Conservation and Ecology (DICE) University of Kent)
Wetlands for Wellbeing: Piloting a Nature-Based Health Intervention for the Management of Anxiety and Depression.
- P1.23 Santhosh S L** (University of East Anglia)
Expanding the support base for conservation to produce positive outcomes.
- P1.24 Sarah Hobbs** (Bath Spa University)
Resilient People need Resilient Ecosystems; RESPiRES. Understanding values and perceptions of urban blue spaces and how these contribute to socio-ecological resilience.
- P1.25 Sarah Knight** (University of York)
How does the type and quality of urban green/blue space in London impact subjective well-being?
- P1.26 Timothy Baxter** (University of Oxford)
Valuing nature in the Historic Coastal Environment: An analysis of the values fostered through the interrelationships between marine ecosystems and heritage assets.

DELEGATE INFORMATION

ABOUT BRISTOL

The home of Blackbeard, Brunel and Banksy, Bristol is one of the UK's most richly historic and cultural cities. While its centre offers a huge array of heritage sites, cafes and bars, the city is also surrounded by the beautiful countryside of Somerset, Gloucestershire and the Cotswolds. Bristol prides itself in supporting independent businesses, and with a great emphasis on sustainability and green ventures, is one of the most ethically and eco-minded UK destinations.

VENUE ADDRESS

We The Curious
One Millennium Square
Anchor Road
BS1 5DB
United Kingdom

PARKING

We The Curious offer a 10% discount at the Millennium Square Carpark. Remember to bring your carpark ticket with you to be discounted at the cloakroom on the 2nd floor of We The Curious.



TRAVELLING WITHIN THE CITY

By train

Bristol Temple Meads is a 20-minute walk from We The Curious, or a 15-minute bus ride with the number 73, 349 or X39 buses from outside the station.

By bus

Most buses in Bristol are provided by FirstBus. Tickets can be purchased online, through the app, or with contactless on the bus.

By bike

Bristol is the UK's first Cycling City, acknowledging the city's growing status as one of Europe's most bike-friendly destinations. There are cycle routes on almost all of its major roads, and there are plenty of places to lock up your bike, over 300 cycle parking spaces and public free-to-use bike pumps.

There is plenty of choice for hiring a bike if you don't bring your own, including:

Bristolbicycles

Bristol Cycle Shack

Blackboy Hill Cycles

By foot

Due to its high proportion of pedestrian-only areas and hidden streets, Bristol is well-suited to walking.

By car

If you are travelling to Bristol by car please be aware that the city centre is very busy, particularly in rush hour, and much of it is one-way.

By taxi

There are hundreds of licensed Bristol Blue taxis in the city which you can catch by either hailing (by holding up your arm or waving to a taxi with its light illuminated), waiting at a taxi rank or using the BRAXI app.

Available on both Google Store and Apple Store, BRAXI is very similar to other taxi hailing apps but drivers will have to be licensed by Bristol City Council, so you are directly supporting local people.

Other private hire companies include:

V Cars Bristol: can be pre-booked on 01179 25 26 26

AATaxis: 0117 955 5000

DELEGATE INFORMATION

SOCIAL EVENTS

Registration opens at 09:00 on Monday 2 March.

The poster session will take place in The Rosalind Franklin Room on Monday 2 March from 18:00 – 19:30.

We will be offering two 30-minute showings within the Planetarium on Monday night, before the Symposium Dinner. If you would like to join one of these showings free of charge, please speak to a member of BES staff. Once a session has been fully allocated, we are not able to accept additional attendees.

The Symposium Dinner takes place on Monday evening from 19:30 – 23:00 at Bristol Aquarium, across the road from the conference venue. This is a ticketed event. All tickets must be purchased in advance. If you have any questions, please speak to a member of BES staff.

SOCIAL MEDIA/SOCIAL MEDIA POLICY

All attendees are encouraged to join the discussion via social media, so please use the hashtag #MVN20 and follow @BritishEcolSoc to ensure you are part of the conversation.

Speakers reserve the right to ask delegates not to disseminate their research via the internet, so please respect this request if made.

PHOTOGRAPHY

There will be a photographer present at the event. Photographs taken may be used for promotional purposes; if you have any concerns or queries regarding this, please come and see a member of BES staff at the Registration Desk.

INTERNET

You can log into the building WiFi using the details below:

Name: WeTheCurious Events

Password: milleNNium1\$Q

FOOD & REFRESHMENTS

Your registration includes tea/coffee and lunch on both Monday and Tuesday, and drinks during the Poster Session on Monday evening. All catering will be available in the Annexe Rooms during the designated breaks.

BADGES

For security and regulation purposes, please ensure you **wear your registration badge at all times throughout the venue.**

MOBILE PHONES

As a courtesy to speakers and other delegates, we ask that all mobile phones and electronic devices be changed to silent mode before entering any session.

CLOAKROOM

There will be a cloakroom located next to the Registration Desk in The Rosalind Franklin Room.

LOST PROPERTY

Please hand in lost property to the Registration Desk where it will be made available for collection.

SMOKING POLICY

Please note that smoking is not permitted inside the building.

FIRST AID

Should you require first aid assistance during the Symposium, please contact a BES staff member who will be able to guide you to the appointed first aider.

VENUE SECURITY & LIABILITY

If the fire alarm is activated a loud siren will sound. Please leave via the staircases at each end of the room, following the green fire exit signs. Do not use the lifts. Staff will guide guests out of the building to the assembly point. The assembly point is the beetle sculpture on Anchor Square (the cobbled square in front of the main entrance). Staff will inform guests when it is safe to re-enter the building. There is no planned fire alarm taking place during the meeting, so any alarm will be the real thing.

ACCESSIBILITY WITHIN THE BUILDING

The car park and venue (including the event space) is fully accessible. The event space is on the second floor, accessible by wheelchair via two passenger lifts. Inside the main room there are two accessible toilets. There are hearing loops available at the Planetarium ticket desks and in The Rosalind Franklin Room. Guide dogs are also welcome.

INSURANCE AND LIABILITY

The symposia organisers will not accept liability for personal injury or loss/damage to property/belongings of participants or accompanying persons, before, during or following the Symposium, or their stay in Bristol. It is therefore recommended that participants arrange their own personal health, accident and travel insurance.

POST SYMPOSIUM FIELD TRIP

LEIGH WOODS

09:00 - 13:30

Cost: £10 per person (includes a tour from the park ranger)

Meeting point: Bus stop Anchor Road, outside We The Curious

Bus number X3 or X4 (destination: Portishead) will take you for 7 stops (approx. 20-minutes) to North Road.

Destination stop: North Road

The tour lead will meet you at the North Road entrance to the woods at 09:45 and the tour will begin at 10:00. The North Road bus stop is less than a 5-minute walk to the entrance of Leigh Woods.

Walks

The southern part of Leigh Woods was formerly wood pasture and is home to a large number of veteran trees, mainly oak pollards. This area was historically part of the Ashton Court Estate, a Site of Special Scientific Interest (SSSI), to the west. These two sites have one of the largest populations of veteran trees in the South West. Leigh Woods has a range of walks, and your tour guide will take you around the length of the woodland walk, which will take approximately 2½ hours.

If you wish to book onto this tour, please head to the Registration Desk where one of the Events Team can add you to the list for an additional £10.



VALUING THE NATURE IN BRISTOL

TROOPERS HILL

How to get there: 35-minute bus ride from We The Curious, with a 4-minute walk at the end.

Open: 24 hours

Troopers Hill Nature Reserve is a local nature reserve in the St George area of East Bristol, and is owned by Bristol Parks. This hillside has been historically quarried and mined and overlooks the River Avon.

The hill contains a fascinating mix of history, wild plants and animals. With heather and broom, rocky crags, spoil heaps and gullies, stunning views and two listed chimneys, Troopers Hill Nature Reserve is one of the most spectacular wildlife spots in the city.

AVON VALLEY WOODLANDS NATURE RESERVE

How to get there: 50-minute bus ride from We The Curious, with a 15-minute walk at the end.

Open: 24 hours

The Avon Valley Woodlands local nature reserve is situated within the beautiful setting of the River Avon near Hanham. The maturing broadleaved woodlands are home to a wide variety of wildlife and are an ideal location for people of all abilities to enjoy getting closer to nature.

The series of woodlands owned by the council include Conham River Park, Hencliff Wood and Bickley Wood, and help make up the 31.5 hectare reserve. The woodlands are accessible through a network of paths including the River Avon trail.

ASHTON COURT

How to get there: 20-minute bus ride from We The Curious

Open: 08:00 - 19:15; FREE entry

Just 10 minutes from the city centre, Ashton Court covers 850 acres of woods and grasslands, with a deer park and stunning views across the city.

WOODFORD LODGE

How to get there: 30-minute drive from We The Curious

Open: 08:30 - 17:00

Nature Trails

The Grebe trail is a hard-surfaced, all-weather path, suitable for pedestrians, pushchairs and wheelchairs. It covers 1.2km circuit, starting and finishing at the wooded Picnic Area.

The Bittern trail is accessible as an extension to the Grebe trail. Following the footbridge over Hollow Brook, the path is not surfaced and can be wet and muddy, so boots or wellies in wet weather are advisable. This trail runs along the East Shore, visits an open bird hide and returns to the footbridge, making a 1.5km circuit.

WESTONBIRT ARBORETUM

How to get there: 50-minute drive from We The Curious

Open: 09:00 - 16:30, £11 adult

Home to 2,500 different species from the far corners of the globe and 5 national tree collections, Westonbirt is the perfect place for you to escape, relax or have an adventure. Take a journey up into the canopy on the Tree Top Walkway, go on a guided walk around the arboretum, or stop by the café for a snack.

UNIVERSITY OF BRISTOL BOTANICAL GARDENS

How to get there: 20-minute drive from We The Curious

Open: 10:00 - 16:00, £7 adult

Over 4,500 species of plant in five acres, including local and rare native species, tropical and subtropical, and an evolution collection.