



VALUING NATURE

Valuing Nature Programme
Health & Wellbeing Call Event
14 July 2015

*Understanding the Value of the Natural
Environment for Improving Human
Health and Wellbeing*



VALUING NATURE

Professor Rosie Hails

Centre for Ecology & Hydrology

Head of Programme Coordination Team

Welcome & plan for today

Kingston Theatre

- Introduction to VN, PCT, funding call
- End-user needs
- Research Community perspectives
- Panel Question & Answer session



@ValuingN #VNPQuestion

Waterside Room

- Lunch & Networking

The Valuing Nature Programme

Five-year, c£6.5m Programme to

“better understand and represent the complexities of the natural environment in valuation analyses

and to consider the wider societal and cultural value of ecosystem services”



Arts & Humanities
Research Council



Valuing Nature Programme Goals

1. Valuing Nature Network valuing-nature.net
 - Builds on Valuing Nature Network 1: 2011-13
 - Develop interdisciplinary research capabilities
 - Bring together researchers, businesses, policymakers & practitioners
2. Human Health & Wellbeing [funding call July 2015](#)
role of biodiversity & ecosystem processes
in human health & wellbeing:
 - natural hazards & extreme weather events
 - pathogens & natural aquatic toxins
 - urban ecosystems
3. Tipping Points [funding call Sept 2015](#)
 - In natural capital stocks and ecosystem services
 - Link to valuation & natural capital accounting

Programme Coordination Team



Guy Duke
Business Champion
Independent



Ece Ozdemiroglu
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Prof Michael Winter
Social Science
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Dr Anita Weatherby
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Jonathan Porter & Anna Feeney
Communications Team
Countryside & CEH



Val Woods
Programme Administrator
CEH

Programme Coordination Team activities

Conference sessions



Workshops



Targeted meetings




Landscape events



Seminars

Join the Network: valuing-nature.net



The screenshot shows the homepage of the Valuing Nature website. At the top left is the logo, a stylized tree with green and blue leaves, followed by the text "VALUING NATURE". To the right is a search bar and social media icons for email, RSS, and Twitter. Below the header is a navigation menu with links for ABOUT, RESEARCH, NEWS, BLOGS, EVENTS, and NETWORK. The main content area features a large image of a wetland landscape with a body of water and mountains in the background. To the right of the image is a green box with the text "Funding Call coming soon" and "The Valuing Nature Human Health and Wellbeing Funding Call will be launched soon...". Below this is a "FIND OUT MORE" button with a plus sign. Below the main content area is a "Welcome..." section with a paragraph of text and a "JOIN THE NETWORK" button. To the right is a "Latest posts" section with three entries, each with a thumbnail image, a title, and a date.

VALUING NATURE

Search:

ABOUT RESEARCH NEWS BLOGS EVENTS NETWORK

Funding Call coming soon
The Valuing Nature Human Health and Wellbeing Funding Call will be launched soon...
[FIND OUT MORE](#)

Welcome...
Our aim is to improve understanding of the value of nature both in economic and non-economic terms, and improve the use of these valuations in decision making.
To do this, the Valuing Nature Programme will fund interdisciplinary research, and the Valuing Nature Network will build links between researchers and people who make decisions that affect nature in business, policy-making and in practice.
[JOIN THE NETWORK](#)

Latest posts

-  **New report reveals public views on ecosystem services and valuing nature**
22 Jun 2015
- [New Valuing Nature website](#)
16 Jun 2015
- [Funding Call - Health & Wellbeing](#)
16 Jun 2015

Sign up for

- News
- Funding
- Events

 @ValuingN

Over 2000 followers

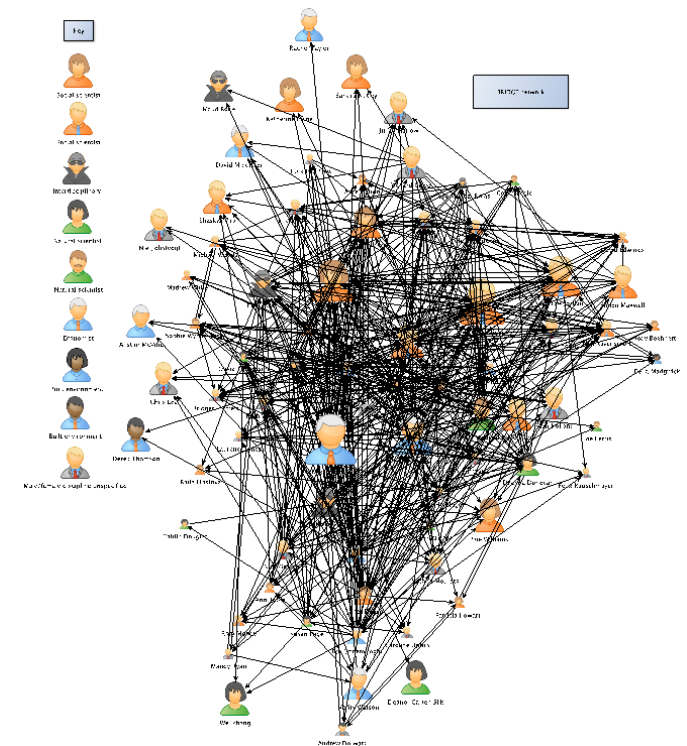
#VNPHealthWellbeing

#VNPQuestion

Building on Valuing Nature Network 1 (2011-14)



- How to include the value of “free” ecosystem services in decision making?
- Bring together natural scientists, economists, decision makers in business & policy
- Kick started network
 - Events, workshops, annual meeting
 - Newsletters, website, twitter
 - Library of resources
 - 10 small projects
 - Focus on engagement



Building on Valuing Nature Network 1 (2011-14)



- Barriers to use of evidence by decision makers
 - Need values beyond economic
 - Need “legitimate” evidence – capture, understanding, measurement, format
- Lessons for future Network
 - Engage at all stages - disciplines & stakeholders
 - Understand stakeholder requirements – policy & business

Human Health & Wellbeing Call: PCT activities to help shape the call



Nature

For: Improved mental and physical health, lower anxiety, stress and blood pressure, reduced respiratory and cardiovascular illnesses.

Dosage: Consume with your senses, preferably with fresh air. Take at least one dose a day.

Caution: Side effects include improved vitality, mood, emotional self-regulation, attention capacity, restoration, creativity, pro-social behaviour, pro-environmental behaviour, life satisfaction and happiness.

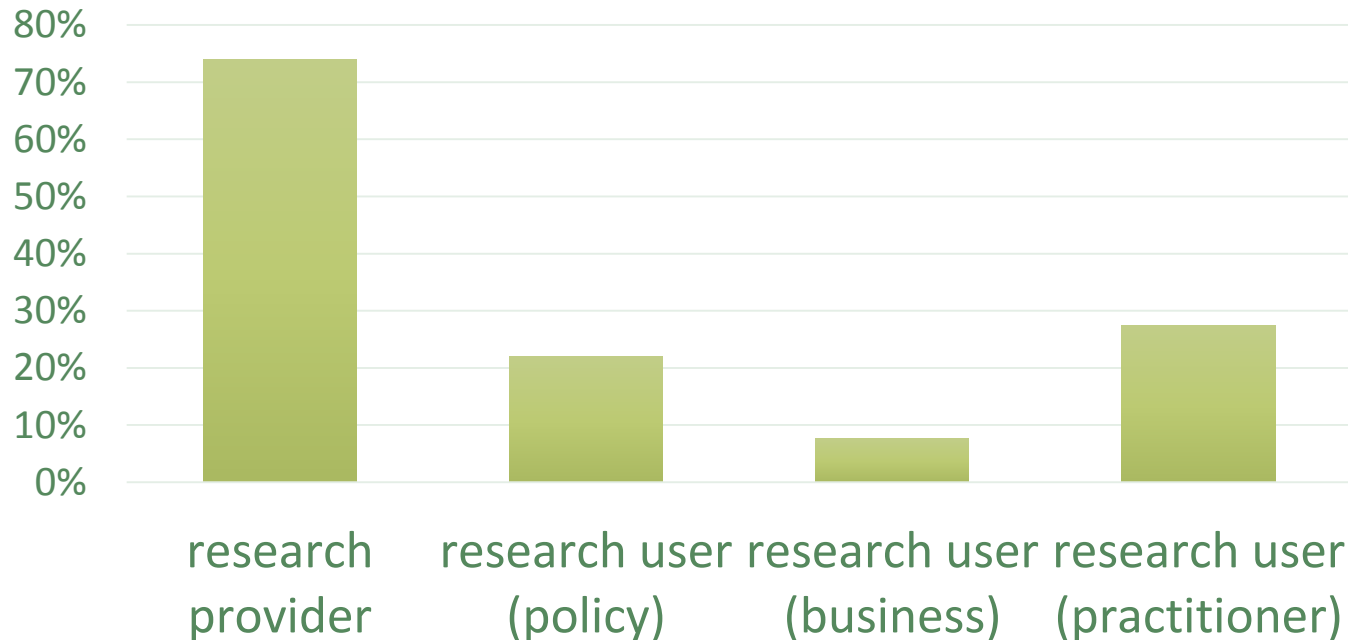
Warning: Keep within reach of children.

Ingredients: Biodiversity.

@findingnature

Web survey – March 2015

- Promoted through network mailing list, website, twitter, contacts – other networks
- 223 people responded with 595 research ideas
- Provided “offers” (case study / partnership ideas)



Research priorities workshop Royal Society - 20 March 2015

- 50 invited attendees
- Researchers
 - Health & Wellbeing, Natural Sciences, Social Sciences, Economics, Arts & Humanities
- Policymakers
 - Defra, Dept of Health, Public Health England, Environment Agency, Natural England, Forest Research, Greater London Authority



Marine Toxins &
Vector Borne Disease



Natural Hazards &
Extreme Events



Urban Ecosystems
(greenspace)

Business Interest Group meeting Willis Building – 30 March 2015



- 18 members incl. Welsh Water, M&S, National Grid
- Identified business interests, risks, opportunities
- Made recommendations for enhancing business impact
- Offers to host researchers & input to projects

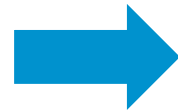
Understanding the Role & Value of the Natural Environment for Improving Human Health & Wellbeing



Biodiversity
& ecosystem
processes



Natural hazards & extreme weather events



Pathogens & natural aquatic toxins



Urban ecosystems



Human health
& wellbeing

Key elements of the call

- Funded by NERC, ESRC, AHRC
- £3.96M
- 3-6 interdisciplinary projects
- Up to 3 years duration
- Engage with PCT activities as part of VNP
- End-user engagement
- Address one, two or three of:
 - Natural hazards and extreme weather events
 - Pathogens and natural aquatic toxins
 - Urban ecosystems

Natural hazards and extreme weather events – example research challenges:

- Environmental characteristics of management interventions to improve natural regulation
- How to integrate mitigation for environmental management with other objectives
- Historical context and narratives – impact on later events



Pathogens and natural aquatic toxins – example research challenges:

- Forecast of exposure risks with environmental change
- Valuing impact in current and future scenarios
- Trade-offs and interactions between human safety, exposure to pathogens and biodiversity in recreation



Urban ecosystems – example research challenges:

- Effectiveness of interventions over time e.g. green gyms
- How does design and maintenance of green / blue infrastructure influence values of ecosystem services?
- How do accessibility and equality of participation affect benefits from ecosystem services?



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Find out more:

www.valuing-nature.net

info@valuing-nature.net

 [@ValuingN](https://twitter.com/ValuingN)