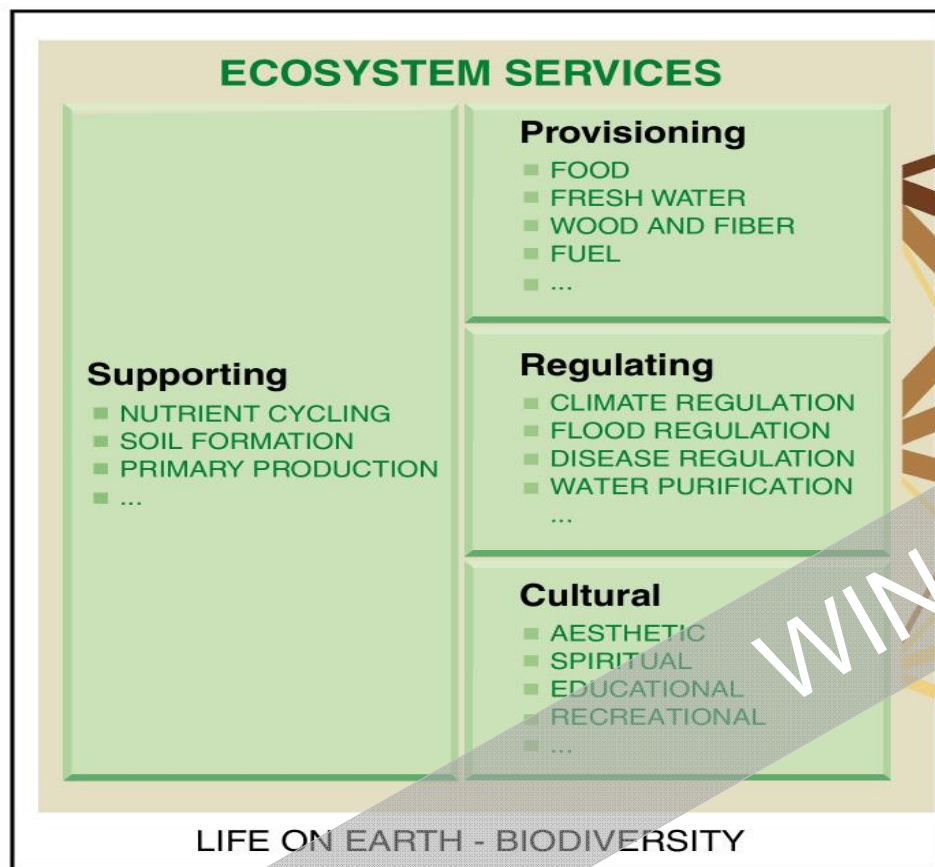


Ecosystem services and poverty alleviation: exploring the debate between different epistemic communities

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CONSTITUENTS OF WELL-BEING

Security

- PERSONAL SAFETY
- SECURE RESOURCE ACCESS
- SECURITY FROM DISASTERS

Basic material for good life

- ADEQUATE LIVELIHOODS
- SUFFICIENT NUTRITIOUS FOOD
- SHELTER
- ACCESS TO GOODS

Health

- STRENGTH
- FEELING WELL
- ACCESS TO CLEAN AIR AND WATER

Good social relations

- SOCIAL COHESION
- MUTUAL RESPECT
- ABILITY TO HELP OTHERS

Freedom of choice and action

OPPORTUNITY TO BE ABLE TO ACHIEVE WHAT AN INDIVIDUAL VALUES DOING AND BEING

WIN-WIN

ARROW'S COLOR
Potential for mediation by socioeconomic factors

- Low
- Medium
- High

ARROW'S WIDTH
Intensity of linkages between ecosystem services and human well-being

- Weak
- Medium
- Strong

Source: Millennium Ecosystem Assessment



Creating win-wins from trade-offs? Ecosystem services for human well-being: A meta-analysis of ecosystem service trade-offs and synergies in the real world



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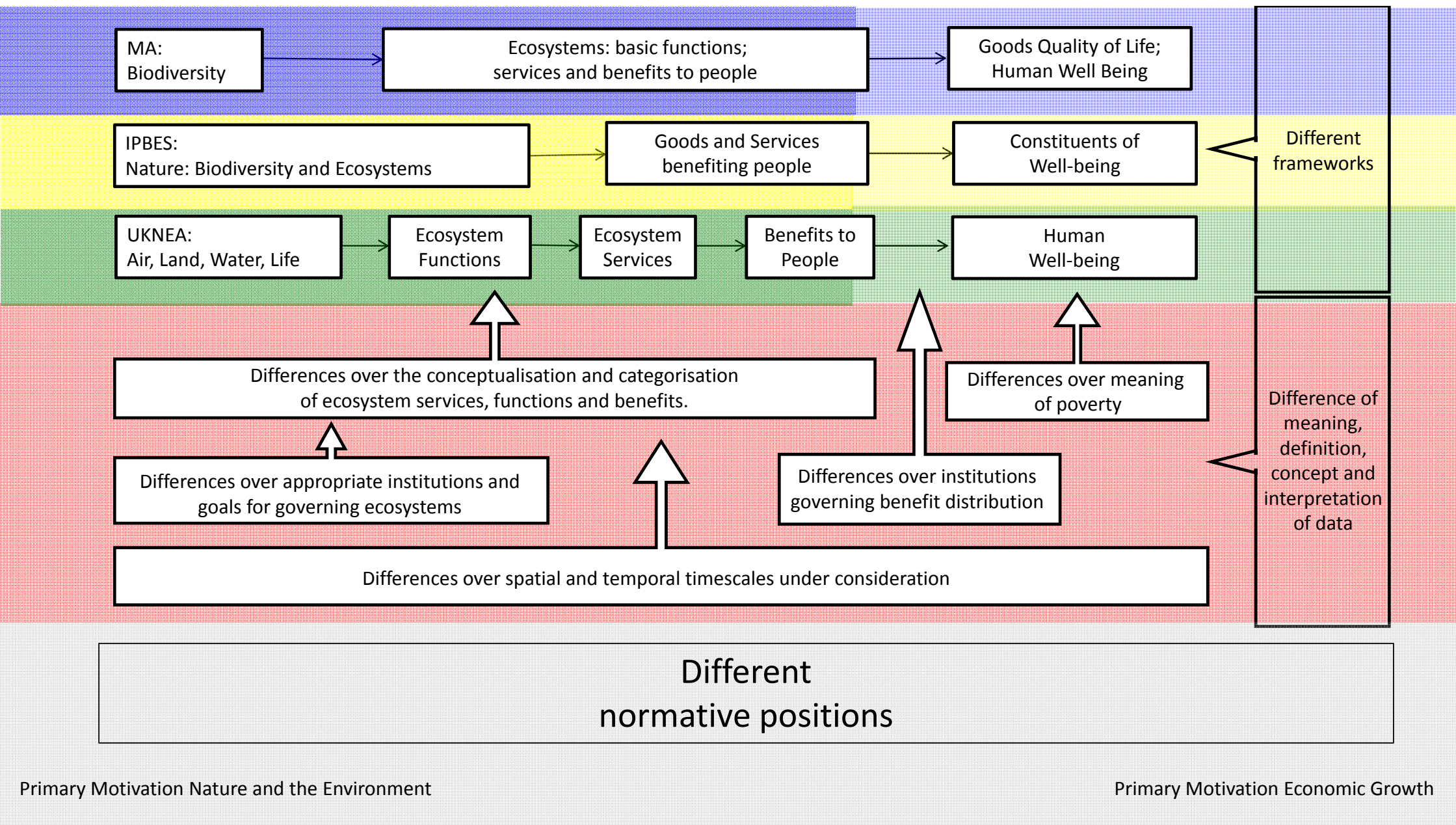
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POLICY PERSPECTIVE

Payments for ecosystem services and the fatal attraction of win-win solutions

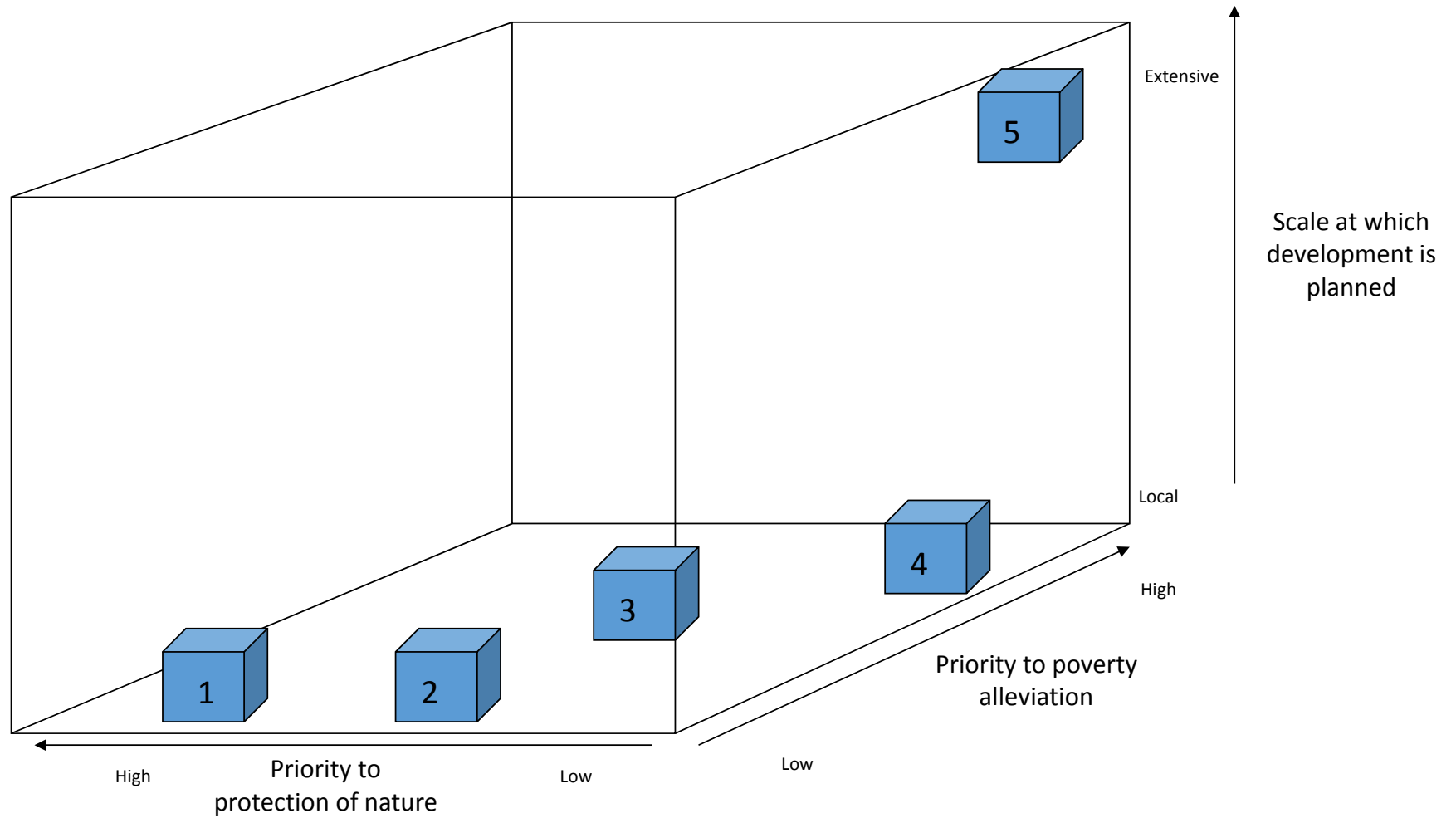
R. Muradian¹, M. Arsel², L. Pellegrini², F. Adaman³, B. Aguilar⁴, B. Agarwal⁵, E. Corbera⁶, D. Ezzine de Blas⁷, J. Farley⁸, G. Froger⁹, E. Garcia-Frapolli¹⁰, E. Gómez-Baggethun^{6,11}, J. Gowdy¹², N. Kosoy¹³, J.F. Le Coq^{7,14}, P. Leroy¹, P. May¹⁵, P. Méral¹⁶, P. Mibielli¹⁷, R. Norgaard¹⁸, B. Ozkaynak³, U. Pascual^{19,20}, W. Pengue²¹, M. Perez²², D. Pesche⁷, R. Pirard²³, J. Ramos-Martin⁶, L. Rival²⁴, F. Saenz¹⁵, G. Van Hecken²⁵, A. Vatn²⁶, B. Vira¹⁹, & K. Urama²⁷



Normative Positions

1. *Ecosystems should be managed to deliver services in ways that enable biodiversity conservation.*
2. *Ecosystems should be managed to deliver services in ways that maintain their functional integrity.*
3. *Ecosystems should be managed to deliver services in ways that protect and secure the existing lives and livelihoods of the poor.*
4. *Ecosystems should be managed to deliver services in ways that bring new benefits to the poor.*
5. *Ecosystems should be managed to deliver services in ways that maximise economic growth.*

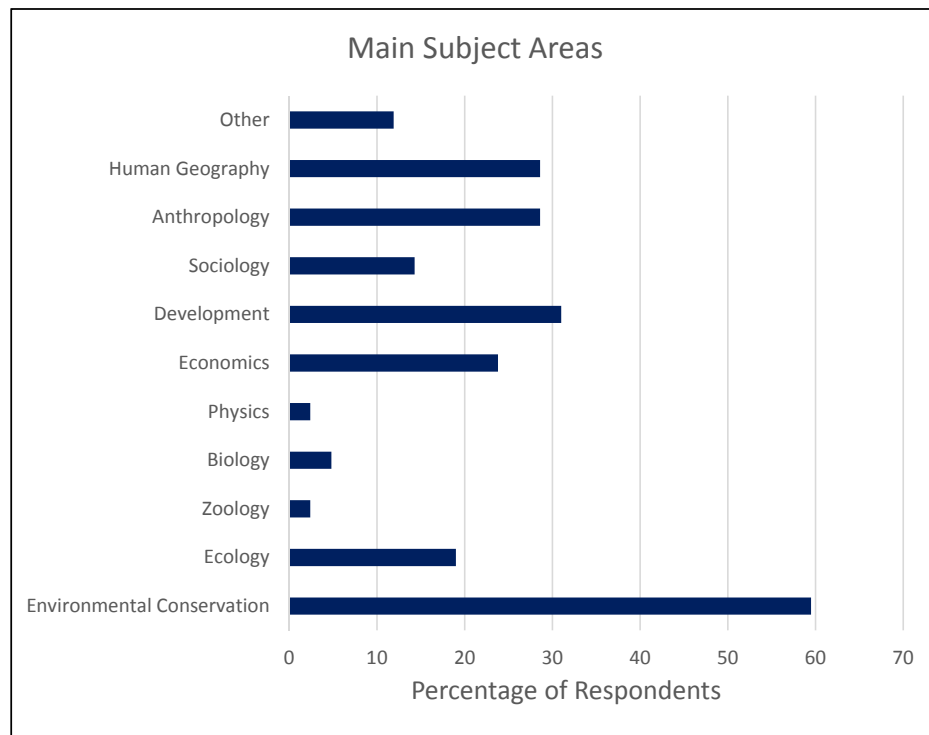
Normative Positions



Questionnaire Structure

1. **Demographics**
2. **Background** – *are they interested in clarifying the relationships between ES and PA and why?*
3. **Ideas surrounding ES and PA** – *possibility of win-wins, definitions of ES and PA, and management and governance of ES and PA and ES for PA*
4. **Importance of different types of ES and their role in PA**
5. **Agreement with the normative positions** (keeping in mind their region of expertise)
6. **Governance of ES, PA and ES for PA** – *trade-offs in governance, role of new markets versus incentives versus state regulations versus civil society*
7. **Issues of language**

Preliminary Results Background



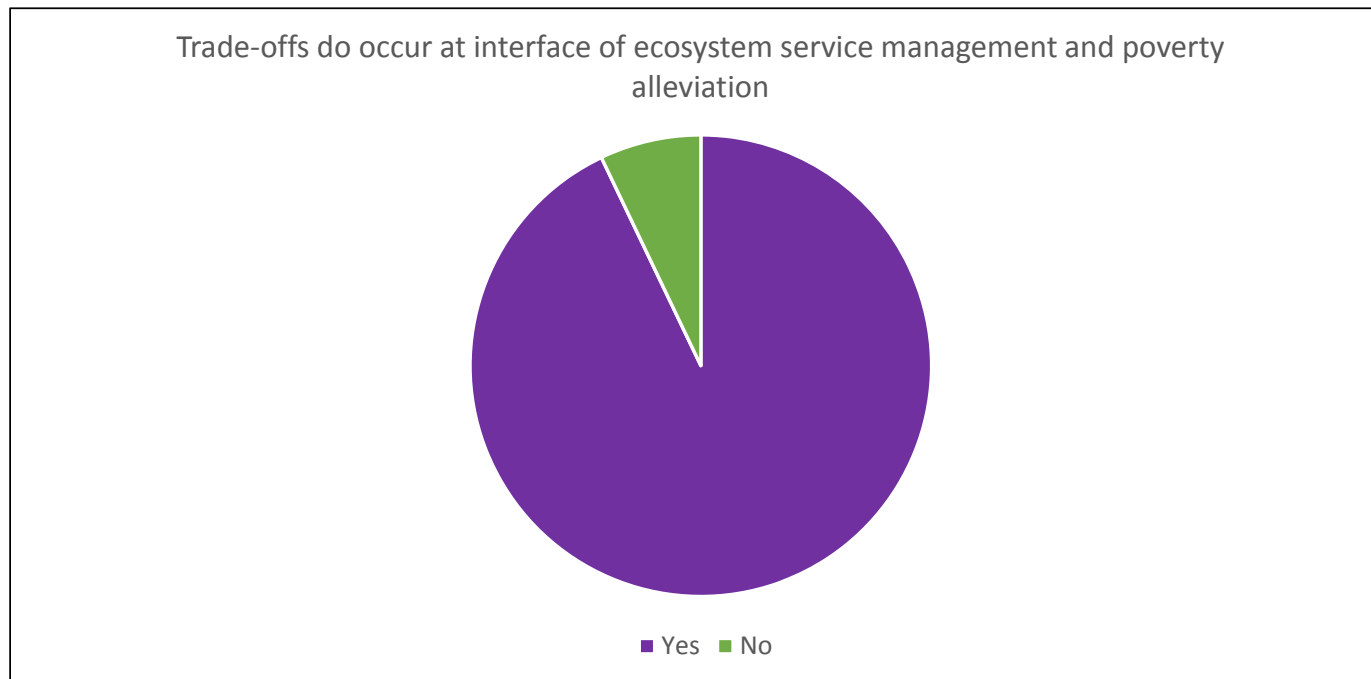
69% work in Higher Education/University

Broad global spread of research areas

BUT: Respondents are interested in clarifying the relationships between ES and PA because ***“we may fail to protect ecosystems and their related ES” (64%)*** or ***“we may introduce new policies that have unintended consequences for ecosystems and their related ES” (17%)*** versus those interested in delivery of ES to people in poverty or policies with unintended consequences for people in poverty.

Preliminary Results

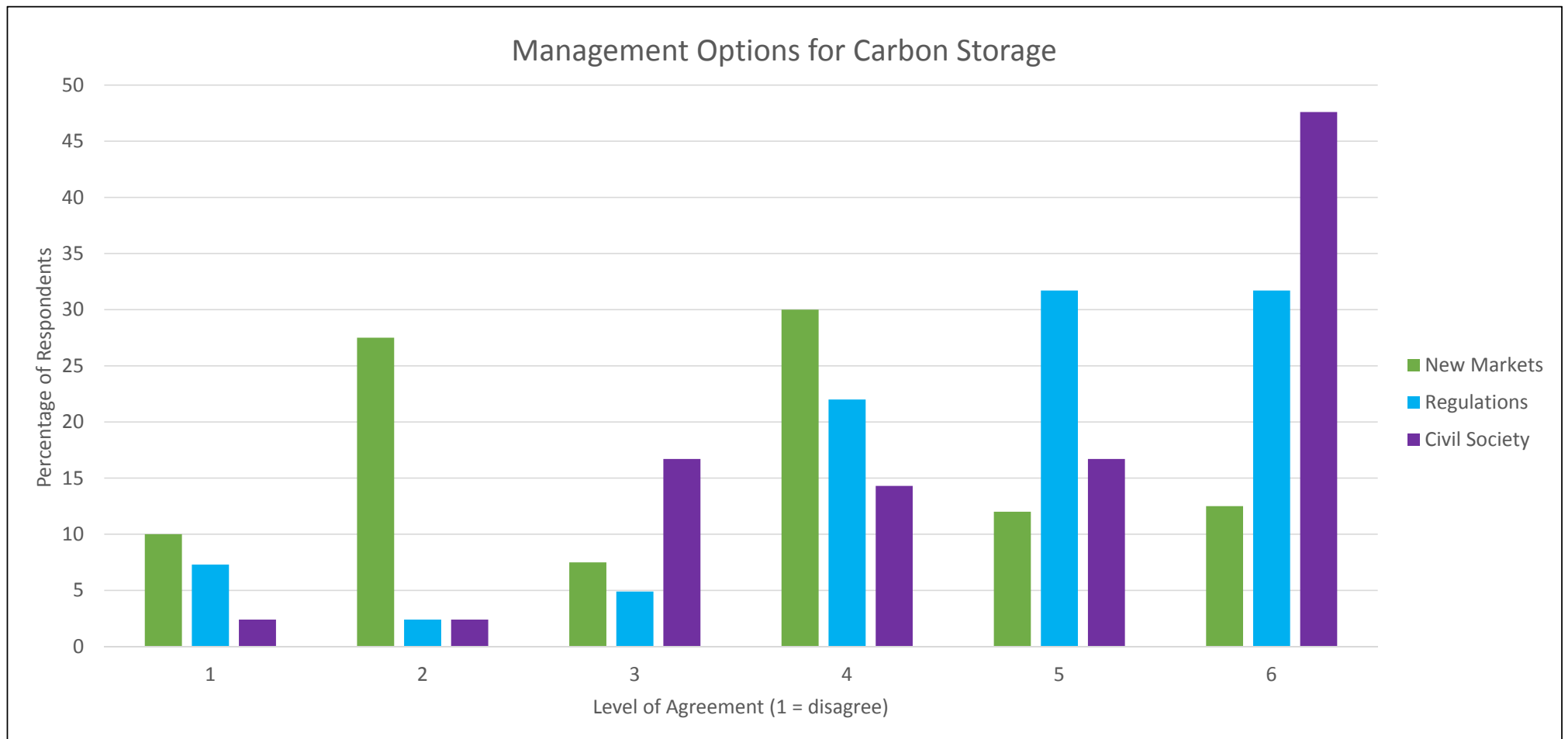
Trade-offs and Win-Wins



83% of respondents think win-wins are possible with the right knowledge and management strategy

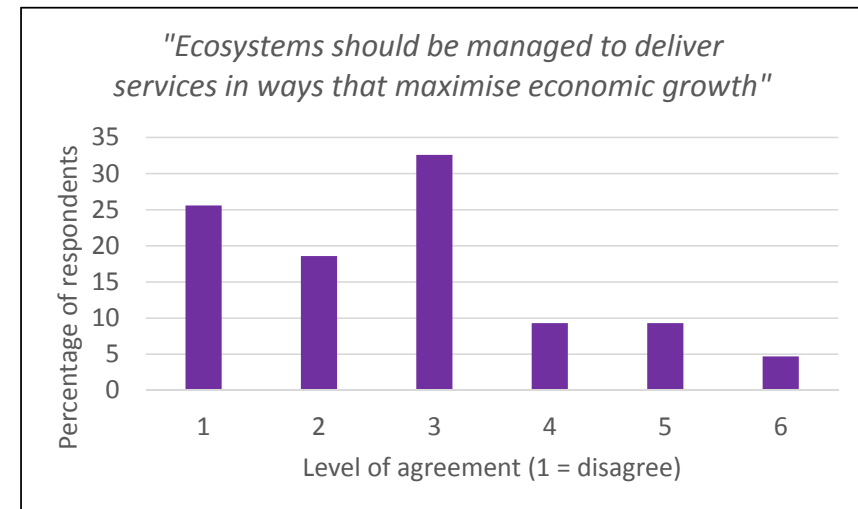
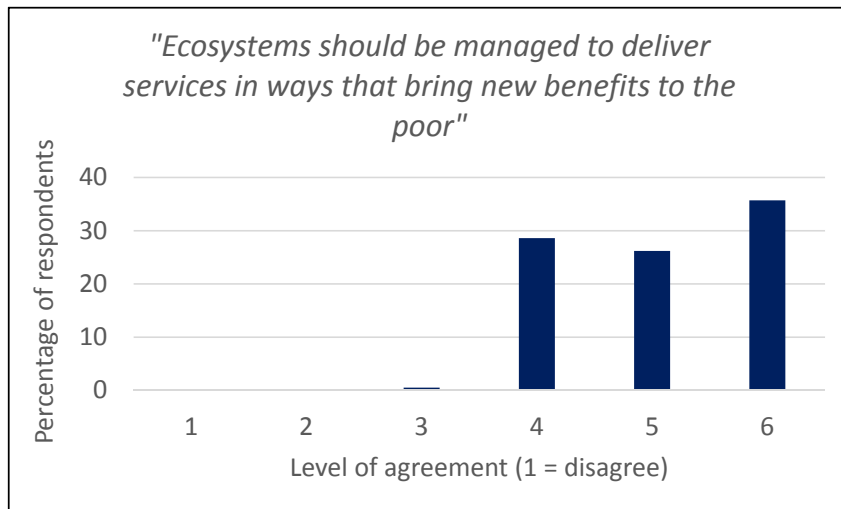
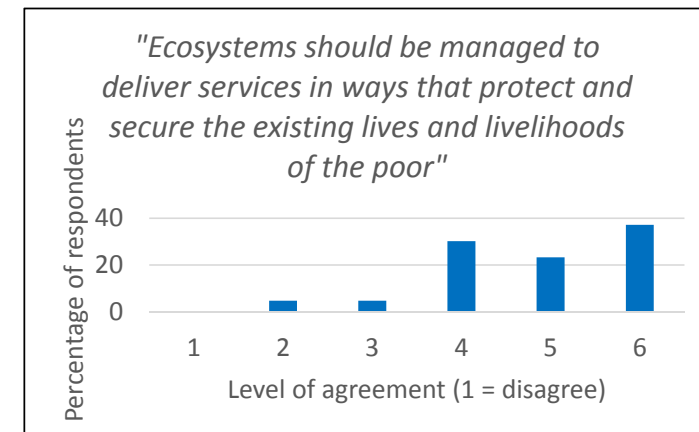
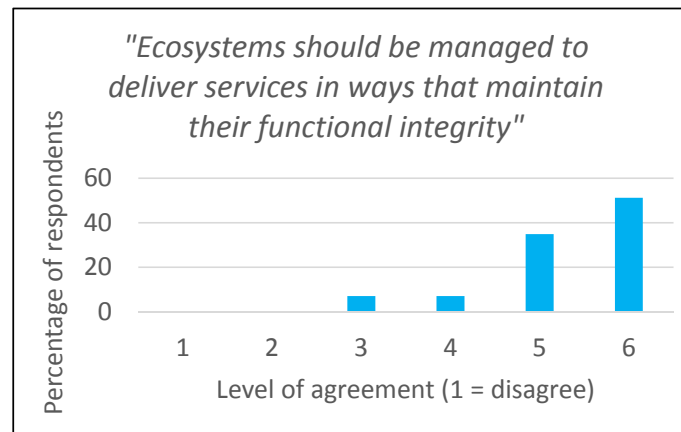
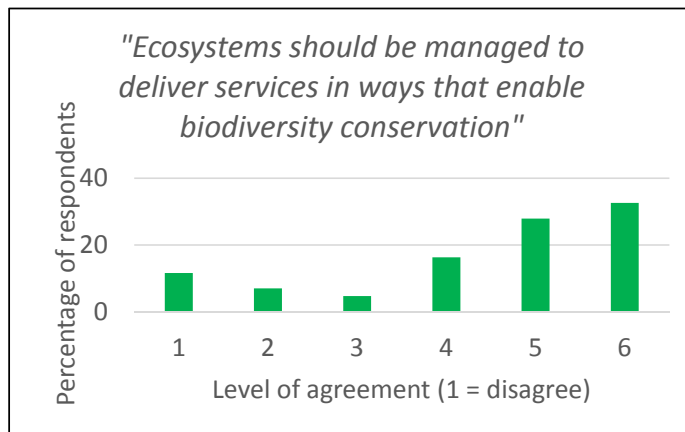
Preliminary Results

Governance of Ecosystem Services for Poverty Alleviation



Preliminary Results

Normative Positions



Thanks!



Please fill in the questionnaire before the 14th October 2016 at:

https://docs.google.com/forms/d/1ihT4x8_yf4ZcgD80Lf9yUqB6AHhe3GZewExBBREuEv0/viewform?c=0&w=1&usp=mail_form_link

Email me: caroline.howe@sheffield.ac.uk if you would like me to send you the link, or alternatively visit our website:

<https://ecosystems-services-and-poverty-debates.wordpress.com> which also has more details of other aspects of the project.

Thanks to my collaborators on this project:

Dan Brockington (University of Sheffield)

Bill Adams (University of Cambridge)

Bhaskar Vira (University of Cambridge)

Esteve Corbera (Universitat de Autònoma de Barcelona)

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