



VALUING NATURE

Applying a natural capital approach to link environmental and health policy agendas on antimicrobial resistance

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My background

- Evolutionary ecologist
- Back to Science Fellow



UNIVERSITY OF
LINCOLN

Back
2 SCIENCE

- Past work on behaviour and population ecology of mammals
- Current work on co-evolution of male and female reproductive traits in insects

My interests

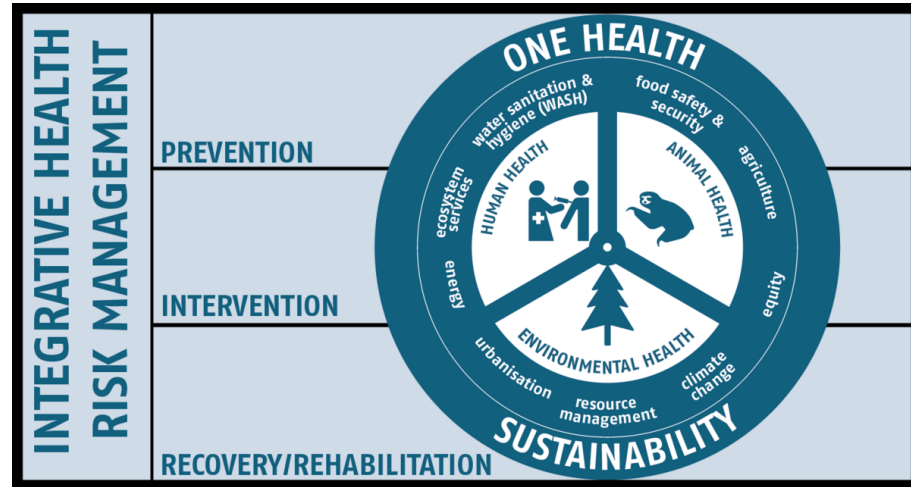
GLOBAL ACTION PLAN
ON ANTIMICROBIAL
RESISTANCE



- WHO: “Antimicrobial resistance (AMR) is the ability of a microorganism (like bacteria, viruses, and some parasites) to stop an antimicrobial (such as antibiotics, antivirals and antimalarials) from working against it. As a result, standard treatments become ineffective, infections persist and may spread to others.”

My interests

- Interdisciplinary collaborations to promote the health of humans, animals and the environment
- AMR epitomises the One Health challenge



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My placement



- Ecology and Evolution



- Social-science based public health group
- Hilary Graham and Piran White



- Interviews
- Building an interdisciplinary network of researchers working on AMR within an ecosystem-based framework

How does it contribute to the Valuing Nature Programme?

- VN goals of:
- *‘Cross-disciplinary dialogue around issues of valuing nature’*
- *‘The role of biodiversity and ecosystem services in human health and wellbeing’*



**VALUING
NATURE
PROGRAMME**

Outputs and outcomes



- Expert interviews
- An interdisciplinary network of researchers working on AMR within an ecosystem-based framework
- VN reports, blog and video
- Article for the health sector
- Public talk at the Pint of Science festival

