

Why the words 'One & Health' matter when developing food security strategy

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Three key questions

- What is the “One” in One Health?
- Whose food are we securing?
- How do we decide?

The Question of “One”

3 observations

- The ‘One’ of most One Health is us
- The One Issue is usually infectious environmental hazards
- The One Manager is typically one lead agency

Implications

- **One is us**
 - Nature is a source of harm rather than the primordial source of health to be cultivated by One Health programs
- **Infectious hazards**
 - Focus is on detecting and preventing hazards rather than human development, sustainability or health
- **Single agency**
 - Leadership without ownership – a challenging task
 - Partnerships critical for multidisciplinary collaboration
 - Value of collaboration as ‘neutral’ partners
 - Ex. Centre for Coastal Health

The Question of Whose Food?

3 observations

- One Health emphasizes animal agriculture
- A fundamental requirement for healthy animal protein sources is secure food for those animals
- The One Health focus in food security is mostly terrestrial due to the fixation on domestic animal pathogens and zoonoses

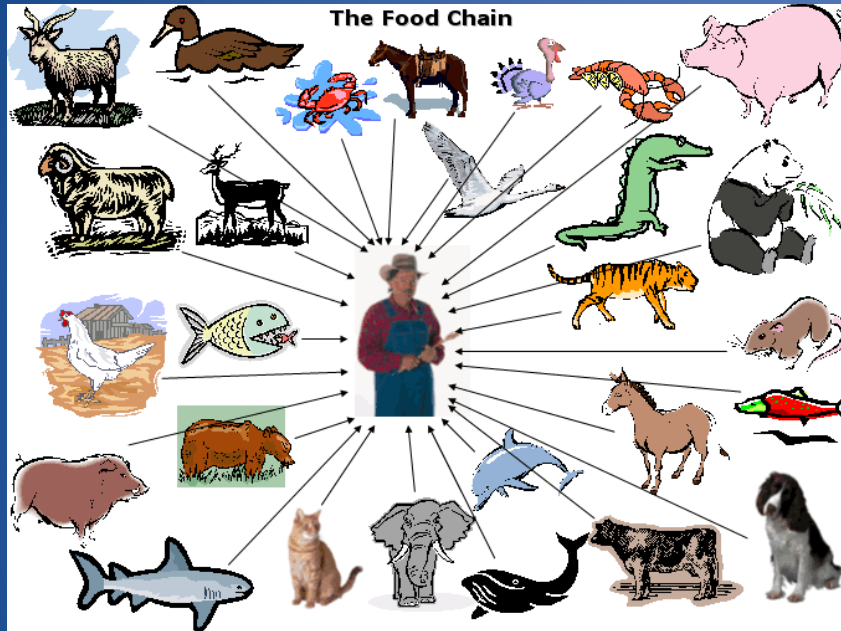
Implications

- Agriculture emphasis
 - Wildlife and fish conservation is mostly invisible on the One Health food agenda
 - They are seen as infectious risks to agriculture
 - Hunting and fishing are important for food security
- Food for food
 - Plants are not part of One Health
 - An ecosystem approach to food (plants, wildlife, domestic animals, people, habitats) is lacking
- Terrestrial
 - Inattention to marine and aquatic food neglects the facts that most of the world's poor live on coastlines

How do we decide how to answer whose food we secure?

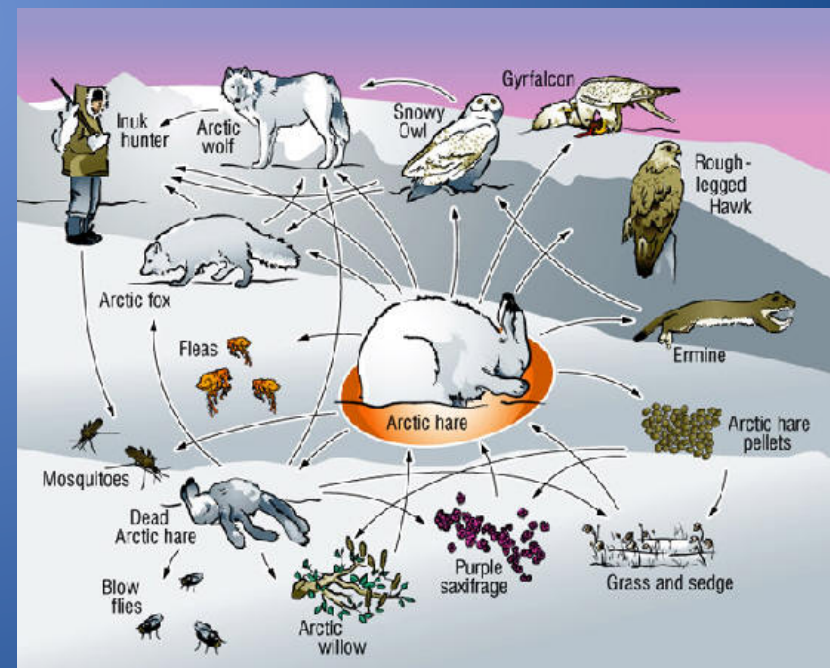
- To date – In response to economic impacts on developed countries from emerging diseases
 - Sent us down a biomedical, human focussed “find and destroy” approach
 - Technology rather than social and ecological systems
- But, it re-ignited a Hippocratic approach to health
 - Reconnected our health to the world around us
 - Inspired a renaissance of veterinary public health
 - Inspired people to think of how to implement the collective approaches to health protection and promotion

Food Security for All



Old View
Everything feeds us
Agri-food perspective

True One Health View
Co-dependent food
chains
Ecological perspective

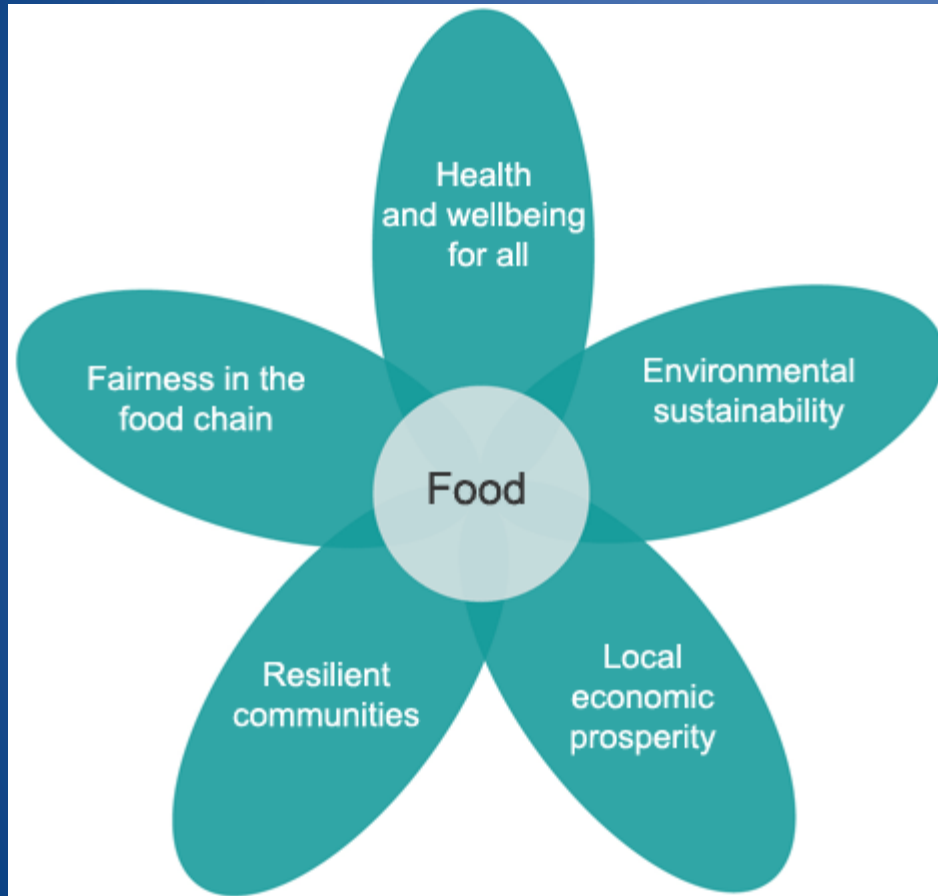


Food cannot be secure if we worry only about human disease and needs

- One = All (not One as singular)
 - all species
 - 9 billion people cannot be fed without reciprocal care
- Health
 - Food security and health are both socio-ecological outcomes

<p>Accessible to all Sustained year-round access to a stable supply of food</p>	<p>Available to all A sufficient supply of food</p>
<p>Adequate for all Food is nutritionally adequate and from a sustainable food system</p>	<p>Acceptable to all Food is culturally appropriate and respectful of traditions</p>

Health is not the absence of disease



- Health is
 - Access to the needs for daily living (FOOD)
 - Ability to cope with change and stress
 - Ability to meet expectation
- Primordial prevention
 - Horizontal management of the fundamental sources of health
- ‘One’ and ‘Health’ inform a food security strategy that is forward looking, holistic, protective and promoting well-being of all in the food chain