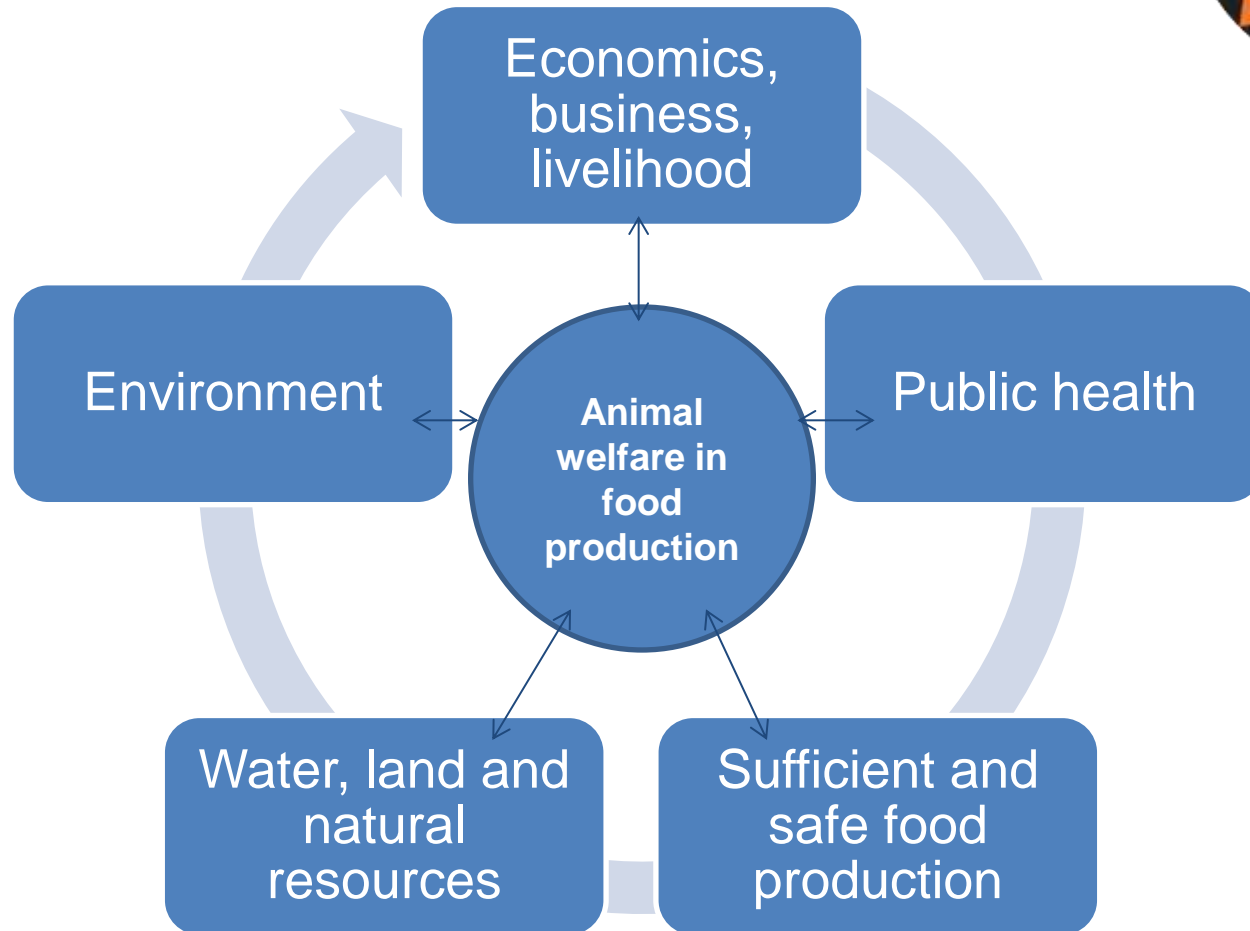


Animal Welfare: An Extended View of Sustainability

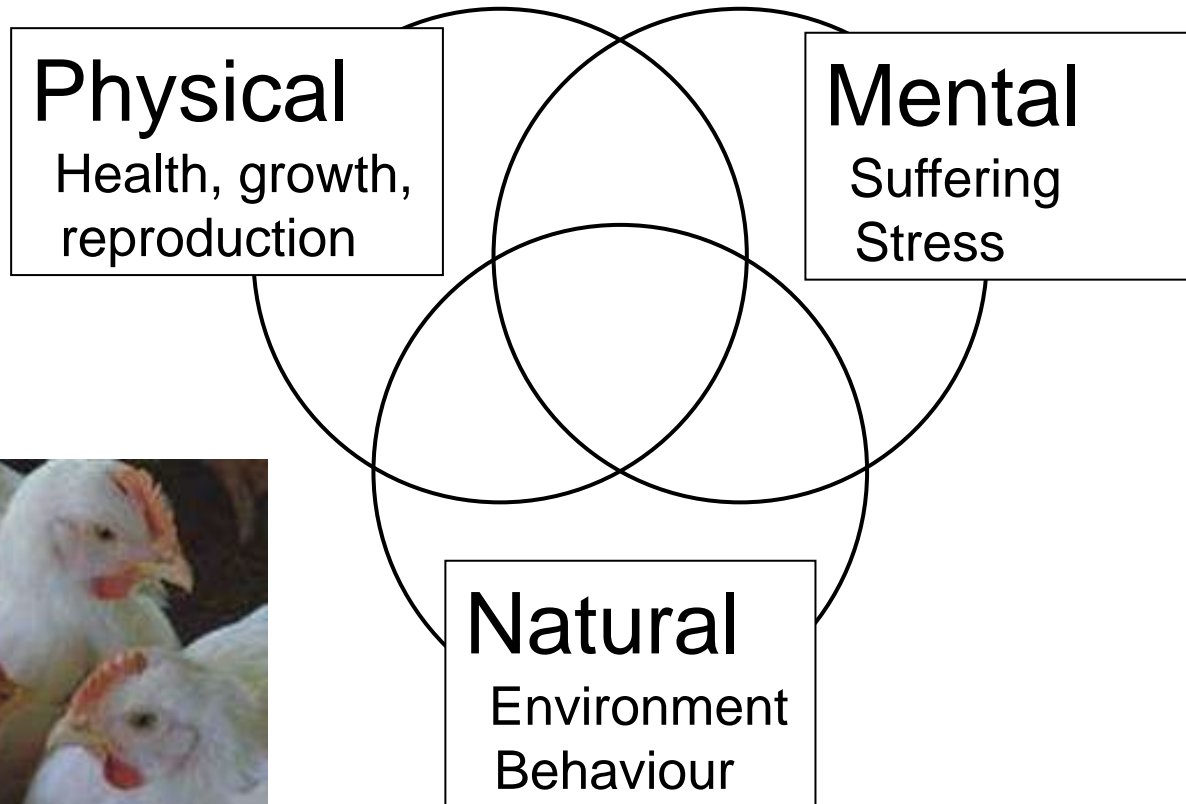


Dr Lesley Mitchell

Farm Animal Welfare: People, Business and Integrated Sustainability



Aspects of Animal Welfare



Global Agenda for Sustainable Livestock: Consensus



“Integrating respect for socially desirable outcomes including, but not limited to, public health, biodiversity and animal welfare”

www.livestockdialogue.org

The Value of Animal Welfare to Producers and Companies



1. Compliance with national/regional legislation
2. Managing risk
3. Ensuring business longevity and controlling cost
4. Enhanced brand value
5. Leadership



Animal Welfare is Relevant to all Types of Production (McInerney, 2004)

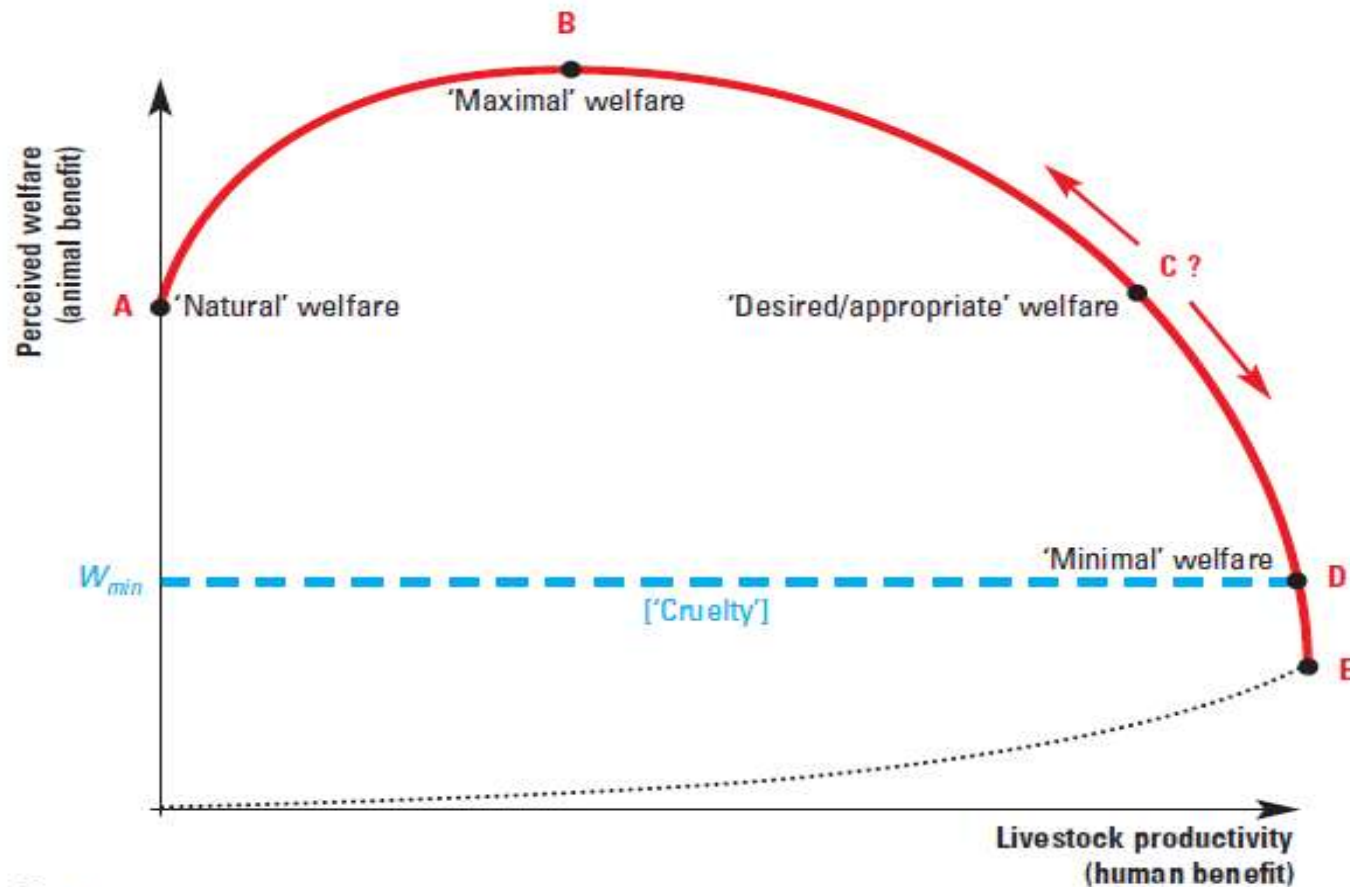


Fig. 1

Incorporating Wider Sustainability Measures into Assessment



	Measures	of	sustainability	
	Animal health	Feed quality	GHGs	Input / output costs
Environmental assessment	↓	↓	↓	↓
Animal welfare assessment	↓	↓	↓	↓
Livelihoods / economic assessment	↓	↓	↓	↓



Humane Slaughter Benefits Productivity



Practical Applications of Animal Welfare: Humane Slaughter in Latin America



- High quality technical material
- Books: 'Humane Slaughter of Poultry' and 'Humane Slaughter of Pigs'
- DVD training resource
- Translations undertaken
- Copyrights from Brazilian slaughterhouses to use the Steps material



Benefits of animal welfare for productivity – slaughter example



PEN	Company Target	Before training	After training
(%) Slipping - Unloading/Handling	3,00%	6,50%	1,25%
(%) Falls - Unloading/Handling	1,00%	5,25%	0,46%
(%) Prod use	20,00%	25,25%	12,03%
(%) Vocalization (pen/box)	3,00%	0,00%	0,00%

Auditing results pre and post humane slaughter training at a Brazilian plant

Humane Slaughter in China



罗牛山
LUONIUSHAN



Beijing Chaoyang Anhua Animal Product Safety Research Institute
北京朝阳安华动物产品安全研究所

Economic Benefit from Humane Slaughter



- PSE meat reduced from 12% to 8%
- Fracture reduced from 1.7% to 1.0%
- The lost of damaged meat has be reduced from 0.5kg per carcass to 0.2kg in average













Industry data





Assessing Animal Welfare Across Systems and Interventions



	Measures	of	welfare	
	Feed quality	Access to resources	Behaviour	Health
Scenario 1 (baseline)				
Scenario 2 (transition)				
Scenario 3 (post intervention)				

Silvopastoral Beef and Dairy Production in Colombia: Animal Welfare in Sustainable Systems



