

Livestock in Future Landscapes

Balancing profit, welfare and environmental outcomes

Sydney Institute of Agriculture
September 2017

Luciano A. González, McCaughey Associate Professor
Livestock in Future Landscapes

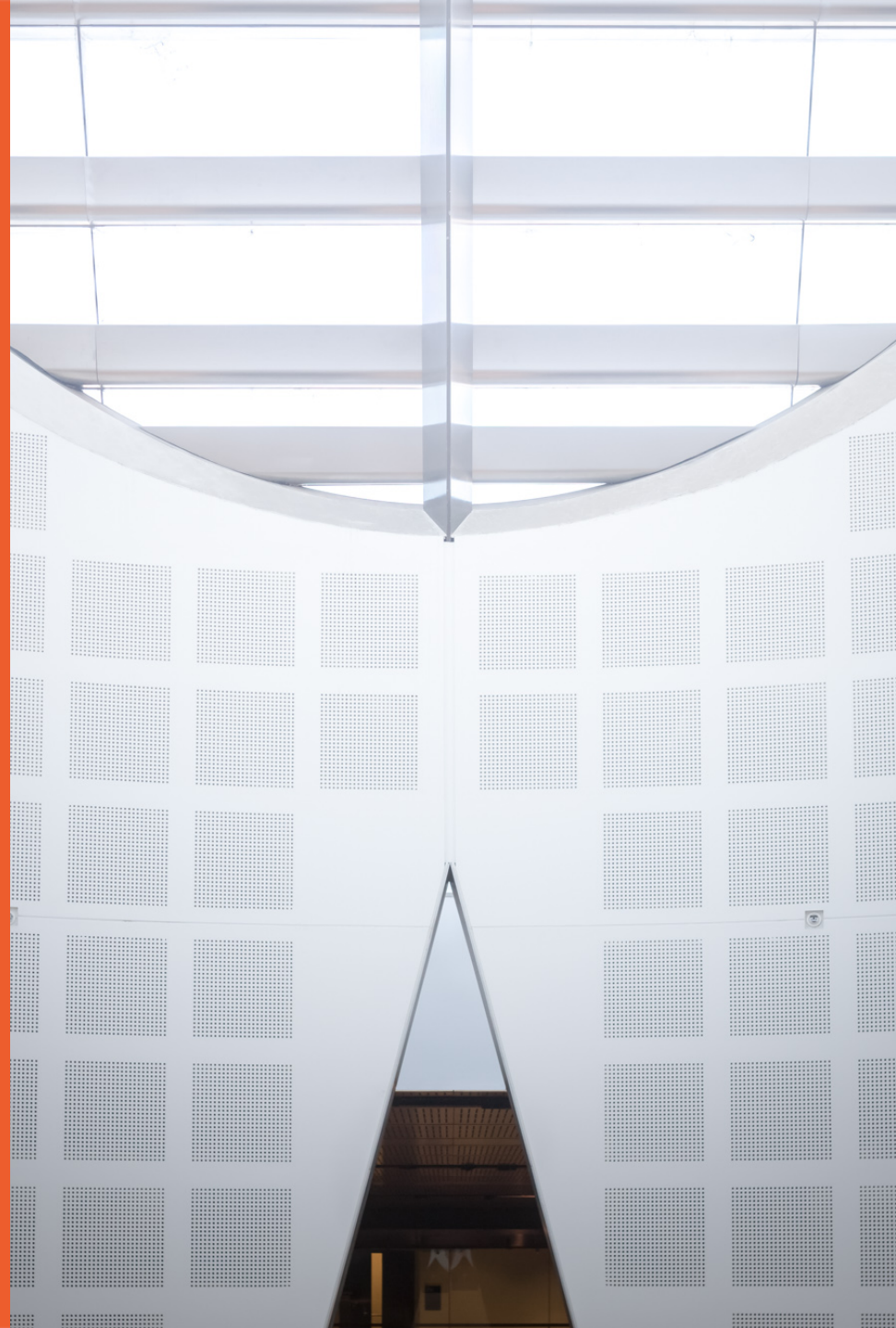
Sydney Institute of Agriculture

School of Life and Environmental Sciences

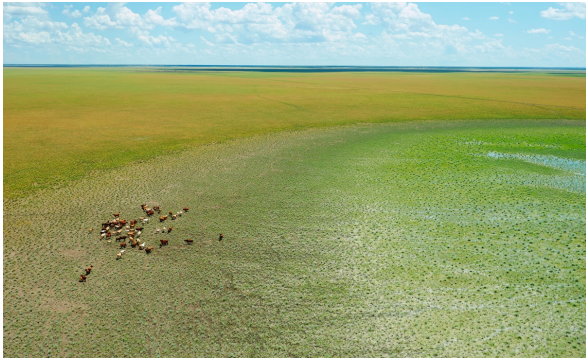
Faculty of Science



THE UNIVERSITY OF
SYDNEY



Beef cattle mortality and productivity



Irrigated intensive beef



Beef quality



Beef production in GBR



Rangeland management



Beef productivity and GHG



Feedlot disease and economics



Abattoir health and welfare

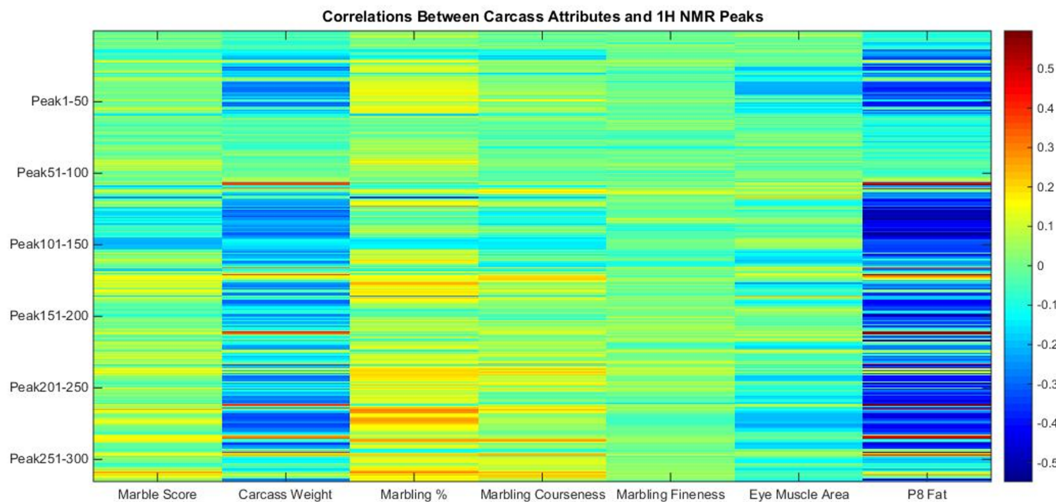
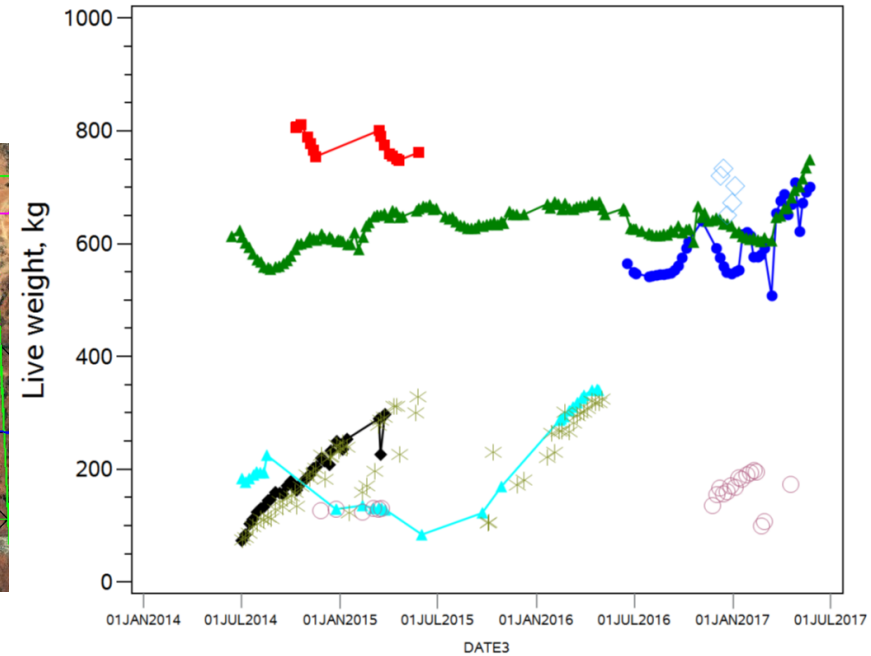
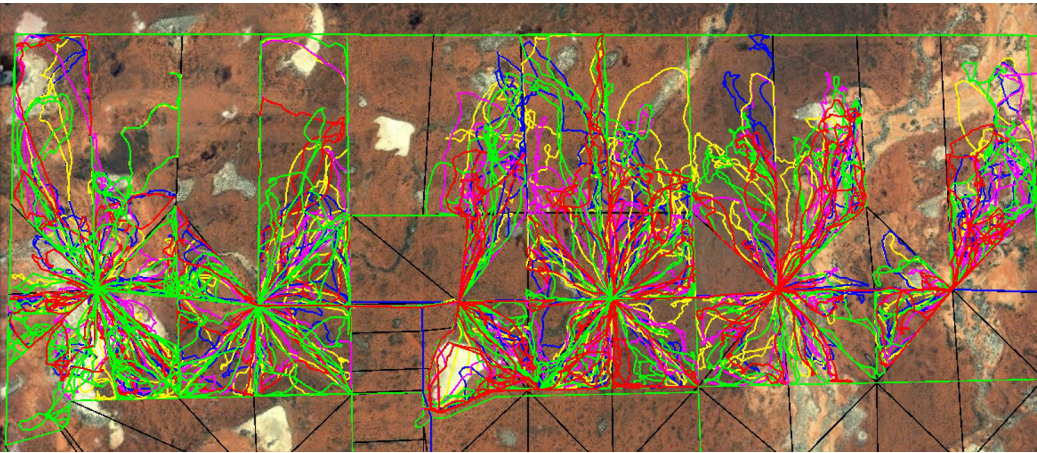


Sheep production and economics



Balancing production, welfare and sustainability

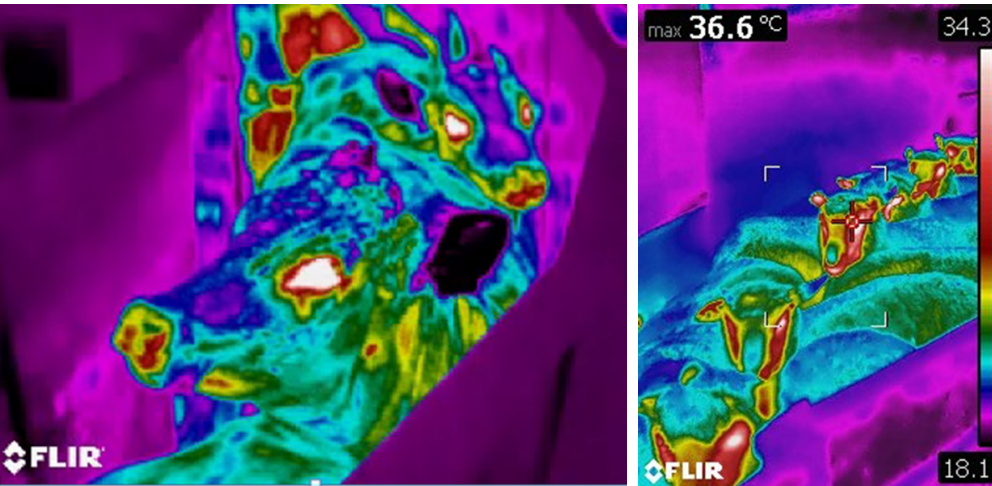
Animal production and profitability



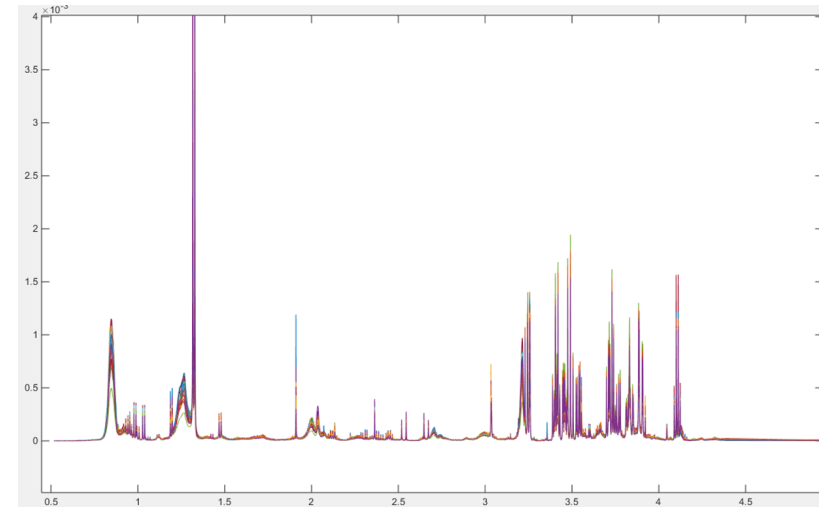
Balancing production, welfare and sustainability

Animal health and welfare

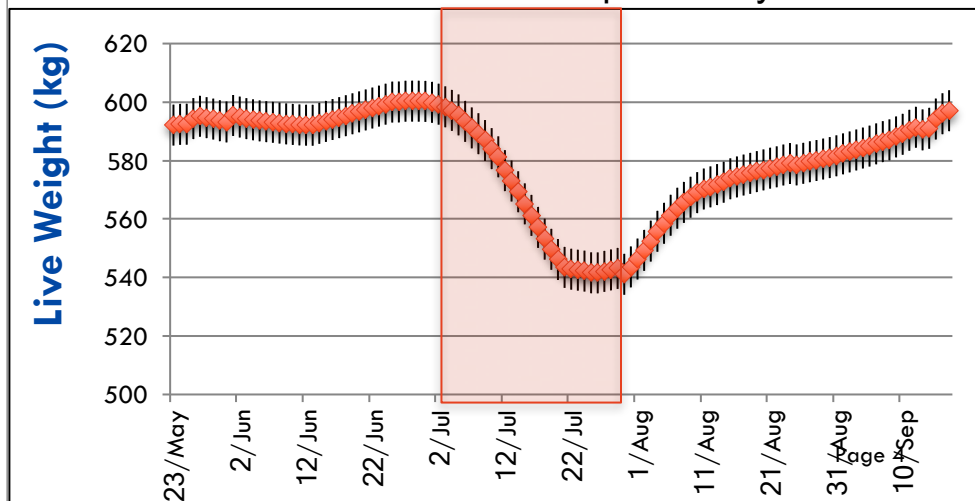
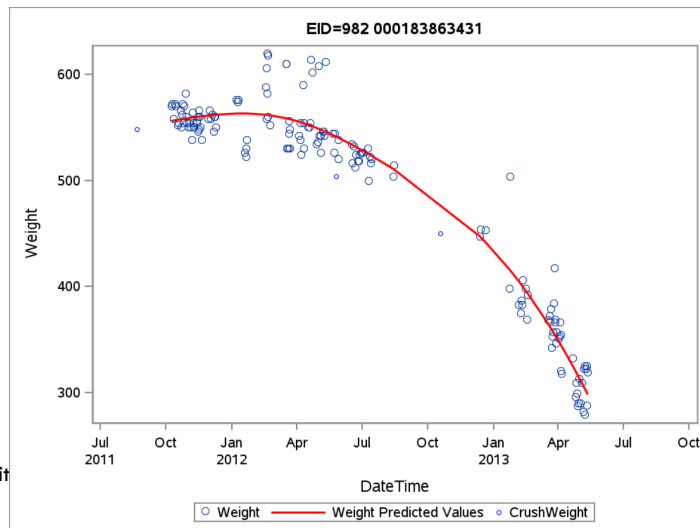
Infrared Thermography (body temperature)



Livestock Metabolomics (biomarkers)



Cattle and sheep mortality



Balancing production, welfare and sustainability

Environmental sustainability



Search

	TOPICS	A CLEANER ENVIRONMENT	GRANTS & FUNDING	PERMITS & ASSESSMENTS	LEGISLATION	ABOUT US
--	--------	-----------------------	------------------	-----------------------	-------------	----------

[Home](#) / [Topics](#) / [Climate change](#) / [Emissions Reduction Fund](#) / [Methods](#) / [Beef cattle herd management](#)

Climate change	▼
Emissions Reduction Fund	▼
About the Fund	▶
Methods	▼
Emissions Reduction Assurance Committee	
Carbon Farming Initiative project transition	▶
Safeguard mechanism	▶
Subscribe	
Public consultation	
ERF Publications and resources	

Beef cattle herd management

About this method

Status

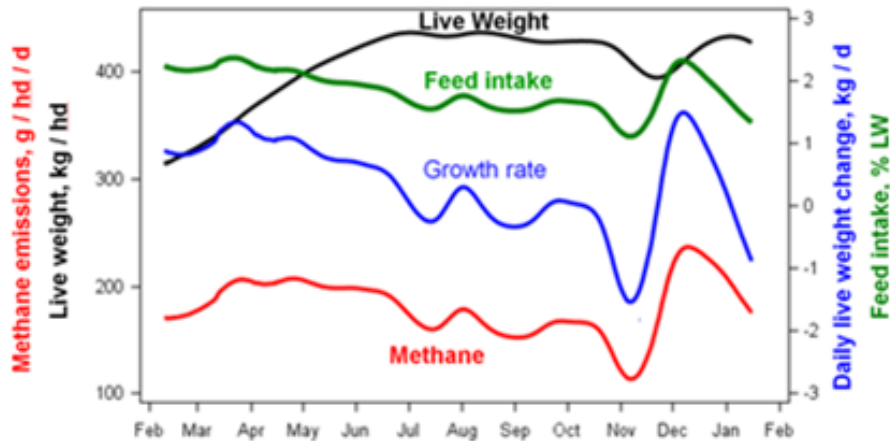
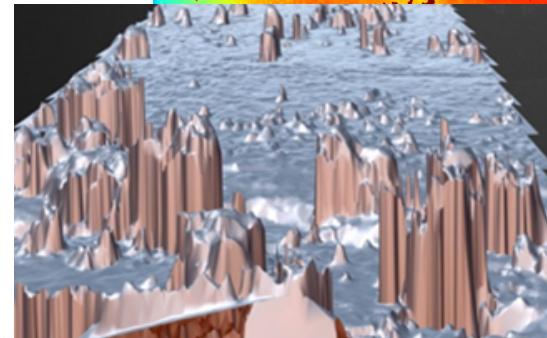
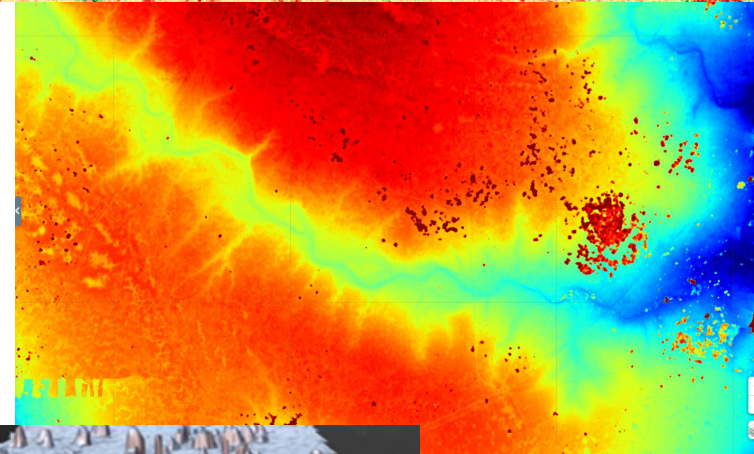
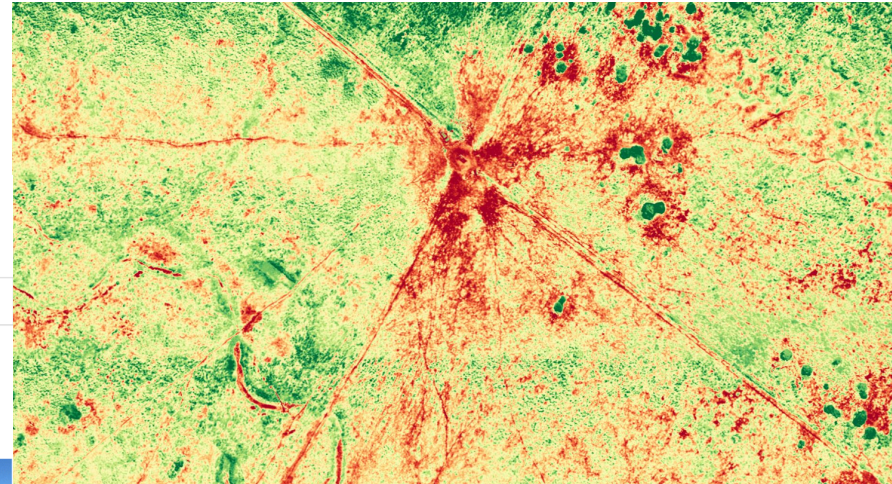
Method Determination made. The Carbon Credits (Carbon Farming Initiative – Beef Cattle Herd Management) Methodology Determination 2015 was made on 9 September 2015 and is available on ComLaw with the explanatory statement: <https://www.comlaw.gov.au/Details/F2015L01434>

Description

The Determination provides for crediting of emissions reductions from pasture-fed beef cattle. Crediting is based on emissions reductions achieved through efficiency gains, where emissions are reduced while beef production is maintained or increased.

Tools

The Beef Cattle Herd Management Calculator below has been developed to assist project proponents to estimate the effect of improving efficiency of pasture-fed beef cattle



Digital technologies and predictive modelling will be key of livestock production systems in future landscapes

Any questions?

Holly Cuthbertson, Augusto Imaz, Samantha Connolly, Claudia Blakebrough-Hall, Alex Leslie, Christie Pearson, Luciano Gonzalez

Contact us

luciano.gonzalez@sydney.edu.au



Australian Government

