

Potsdam, Germany, 14-16 December 2022

A hybrid workshop, focused on Water use assessment of livestock production systems and supply chains

Sponsored by the
OECD Co-operative Research Programme:
Sustainable Agricultural and Food Systems



Workshop

„Water use assessment of livestock production systems and supply chains“
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Session 1 – December 15th morning – Welcome, Assessment of livestock water use

The Co-operative Research Programme: Sustainable Agriculture and Food Systems (CRP)	András Székács
Talk I: Accounting for livestock water productivity: How and why?	Katrin Drastig
Talk II: Direct water consumption and water scarcity footprint of beef meat in relation to available freshwater resources	Giacomo Pirlo
Talk III: Consumption, productivity and cost: three dimensions of water and their relationship with the supply of artificial shading for beef cattle in feedlots	Taisla Inara Novelli (Julio Cesar P. Palhares, presenter)
Talk IV: Assessment of water use and supply chain in Integrated Beef Cattle-Oil Palm System in Indonesia	M.Nasir Rofiq
Talk V: Ration optimization to reduce methane emission intensity and water footprint of milk	Bhupendra Phondba

Session 2 – December 15th afternoon – Water use of livestock in India and Brazil

Talk VI: Water Footprint Analysis of Milk Processing Industry: A Case Study of Punjab (India)	Hanish Singh / Inderpreet Kaur / Pranav K. Singh
Talk VII: Water productivity of livestock in an experimental watershed in Brazil and the water scarcity footprint associated	Sofia Zanella Carra
Talk VIII: Benchmarks for the indicator litre of water per kilogram of milk by production system and type of consumption in the Brazilian dairy farms	Julio Cesar Pascale
Talk IX: Water outcomes of soil health management practices in grazing lands	Leah Renwick

Session 3 – December 16th morning – Water use of livestock, Uncertainties

Talk X: A global assessment of water use, impacts on water scarcity, and water footprints in the livestock sector	Dominik Wissner
Talk XI: Understanding spatial dynamics in LCA application: regionalization of CF	Marta Ruiz Colmenero
Talk XII: Water footprinting of NZ dairy farming – effects of data sources and scale	Ranvir Singh

Session 4 – December 16th afternoon – Discussion (Reporting)

Talk XIII: Blue water productivity of milk produced in six pasture-based farms in Southern Brazil	Alessandra Rech Grando / Sofia Zanella Carra
Talk XIV: Water consumption by livestock production in Hungary	István Waltner/ András Székács