

# Free reading The ecological hoofprint the global burden of industrial livestock by tony weis 14 nov 2013 paperback (Read Only)

in spite of an insufficient global supply of pulses fruits and vegetables livestock farming is ever more ubiquitous perpetuating a self sustaining cycle of supply and demand between 1970 and 2011 livestock increased from 7.3 billion to 24.2 billion units worldwide with about 60 per cent of all agricultural land used for grazing in recent decades consolidation in the industry has intensified as agriculture has undergone what is known as vertical integration a transition from small diverse farms producing a variety industrial livestock production generally refers to a modern type of agriculture wherein densely populated groups of animals are confined to cages barns or feedlots chrisboswell getty livestock water pollution cows pigs chickens and turkeys do what all other animals do poop according to the usda s agricultural research service livestock and poultry this report unveils the true hidden health impacts and costs of industrial livestock systems which damage our health through multiple and interconnected pathways of impact they make us ill drive climate change and biodiversity loss and cause suffering to billions of farmed they use livestock waste to create electricity using anaerobic digesters which convert manure to methane drones monitor crop yields insect infestations and the location and health of cattle feed crop production is a major contributor to these emissions livestock production contributes significantly to the three major greenhouse gases carbon dioxide methane and nitrous oxide livestock account for 9 of total global anthropogenic emissions of carbon dioxide 35.40 of methane emissions and 65 of nitrous oxide the methods of industrial agriculture include innovation in agricultural machinery and farming methods genetic technology techniques for achieving economies of scale in production the creation of new markets for consumption the application of patent protection to genetic information and global trade the trend towards industrialization of livestock production can also be observed in developing countries where traditional systems are being replaced by intensive units at a rate of 4.3 percent of animal holding units per year with much of that increase occurring in asia south america and north africa cast 1999 industrial agriculture an extraction industry like fossil fuels a growing driver of climate change industrial farming encourages practices that degrade the soil and increase emissions industrial livestock the industrial meat and dairy sector emits more greenhouse gas than the entire transportation sector while often relying on forced farm and slaughterhouse labor and draconian contracts for farmers iatp is building a global coalition to hold these companies accountable to climate food safety and human rights standards introduction livestock farming raising animals as a source of food for people has undergone a substantial transformation over the past few decades production of cattle hogs and chickens has shifted from

smaller family owned farms to large scale industrial agricultural facilities often known as concentrated animal feeding operations cafos this article is one of the first articles to study industrial livestock site selection using the gis mcdm hybrid method with the r numbers this method aims to address uncertainty and prevent errors associated with fuzzy numbers in this research 13 suitable places for livestock development were identified industrial livestock production is a key driver of many of these harms indeed it will place many of the un 2030 sustainable development goals sdgs out of reach industrial livestock production is dependent on feeding soy and human edible cereals such as wheat barley and maize to animals who convert them very inefficiently into meat and milk modern u s agriculture has been described as the most efficient in the world at least in terms of the dollar and cent costs of production 1 the public health and ecological costs of industrialization however are not reflected in the prices of food specialization wheat harvest in idaho industrial livestock and poultry production has undergone rapid expansion in china animal farms and animal waste release a wide range of pollutants to the environment these pollutants negatively impact the environment and pose risks to human health use of veterinary drugs and feed additives in animal farming should be controlled dozens of firms are developing cultivated chicken beef and pork with a view to slashing the impact of industrial livestock production on the climate and nature crises as well as providing many farmers on this list have switched from industrial to sustainable livestock production systems showing they can protect the environment promote animal welfare and improve incomes and the farmers also try to go beyond their own farms to spread the innovations and empower other farmers community members and consumers organic livestock production can be a simple model for the successful elimination of the non therapeutic use of antimicrobials in livestock production certified organic production is also the best way to combat amr and protect the health of farmworkers communities and consumers cnh industrial and its one time commercial vehicle businesses now organized as iveco group separated in 2022 into two independent companies cnh industrial focused on off road agriculture and

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in spite of an insufficient global supply of pulses fruits and vegetables livestock farming is ever more ubiquitous perpetuating a self sustaining cycle of supply and demand between 1970 and 2011 livestock increased from 7.3 billion to 24.2 billion units worldwide with about 60 per cent of all agricultural land used for grazing

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in recent decades consolidation in the industry has intensified as agriculture has undergone what is known as vertical integration a transition from small diverse farms producing a variety

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industrial livestock production generally refers to a modern type of agriculture wherein densely populated groups of animals are confined to cages barns or feedlots

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chrisboswell getty livestock water pollution cows pigs chickens and turkeys do what all other animals do poop according to the usda's agricultural research service livestock and poultry

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this report unveils the true hidden health impacts and costs of industrial livestock systems which damage our

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they use livestock waste to create electricity using anaerobic digesters which convert manure to methane drones monitor crop yields insect infestations and the location and health of cattle

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feed crop production is a major contributor to these emissions livestock production contributes significantly to the three major greenhouse gases carbon dioxide methane and nitrous oxide livestock account for 9 of total global anthropogenic emissions of carbon dioxide 35 40 of methane emissions and 65 of nitrous oxide

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the methods of industrial agriculture include innovation in agricultural machinery and farming methods genetic technology techniques for achieving economies of scale in production the creation of new markets for consumption the application of patent protection to genetic information and global trade

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the trend towards industrialization of livestock production can also be observed in developing countries where traditional systems are being replaced by intensive units at a rate of 4 3 percent of animal holding units per year with much of that increase occurring in asia south america and north africa cast 1999

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industrial agriculture an extraction industry like fossil fuels a growing driver of climate change industrial farming encourages practices that degrade the soil and increase emissions

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industrial livestock the industrial meat and dairy sector emits more greenhouse gas than the entire transportation sector while often relying on forced farm and slaughterhouse labor and draconian contracts for farmers iatp is building a global coalition to hold these companies accountable to climate food safety and human rights standards

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introduction livestock farming raising animals as a source of food for people has undergone a substantial transformation over the past few decades production of cattle hogs and chickens has shifted from smaller family owned farms to large scale industrial agricultural facilities often known as concentrated animal feeding operations cafos

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industrial livestock production is a key driver of many of these harms indeed it will place many of the un 2030 sustainable development goals sdgs out of reach industrial livestock production is dependent on feeding soy and human edible cereals such as wheat barley and maize to animals who convert them very inefficiently into meat and milk

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modern u s agriculture has been described as the most efficient in the world at least in terms of the dollar and cent costs of production 1 the public health and ecological costs of industrialization however are not reflected in the prices of food specialization wheat harvest in idaho

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industrial livestock and poultry production has undergone rapid expansion in china animal farms and animal waste release a wide range of pollutants to the environment these pollutants negatively impact the environment and pose risks to human health use of veterinary drugs and feed additives in animal farming should be controlled

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dozens of firms are developing cultivated chicken beef and pork with a view to slashing the impact of industrial livestock production on the climate and nature crises as well as providing

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many farmers on this list have switched from industrial to sustainable livestock production systems showing they can protect the environment promote animal welfare and improve incomes and the farmers also try to go beyond their own farms to spread the innovations and empower other farmers community members and consumers

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organic livestock production can be a simple model for the successful elimination of the non therapeutic use of antimicrobials in livestock production certified organic production is also the best way to combat amr and protect the health of farmworkers communities and consumers

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