





Supply chain traceability: Due to the complexity of coffee supply chains, information about where the supply chain originates is limited, which is a challenge to improving issues.

Fertilizer application - On-farm: Fertilizer use can cause soil and water 1.5 quality impacts and climate change.

Labor rights - On-farm: Farm workers

Pollinator stress - On farm: Certain pollinator populations are experiencing health challenges due to a mix of factors 1.8 including parasites, pathogens, predators, habitat loss and exposure to agrochemicals

Worker health and safety -**Processing:** Processing workers can develop serious health problems from exposure to chemicals, noise, and dust and physical injury from other occupational hazards.

Access to opportunities for smallholder farmers - On-farm: Operators of small-sized farms, especially women, face a number of challenges including

Child labor use - On-farm: Issues involved

dangerous working conditions, and limited

in child labor use in coffee farming may

include no pay, long working hours,

are at risk of several labor rights issues such as unfair pay, discrimination, and sexual harassment and assault.

Water use - On-farm: Using water for irrigation can deplete freshwater 1.9 resources and lead to poor soil quality.

access to agricultural inputs, services, and markets.

Land transformation - On-farm:

The conversion of forest to coffee farms 1.10

Farm workers can develop serious health problems from exposure to chemicals, noise, and dust and physical injury from

1.7 can lead to environmental impacts and climate change from deforestation.

Worker health and safety - On-farm:

other occupational hazards.

Energy consumption - Packaging production:

Packaging production can result in depletion of resources and environmental and social impacts from extracting raw materials.

Energy consumption - On-farm:

access to education.

Fuel combustion and energy generated to power farm operations can cause climate change, deplete resources, and impact human health.

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CONSUMER USE



RETAIL & FOOD SERVICE

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TRANSPORTATION

COFFEE BEAN

PROCESSING

PACKAGING

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Fuel combustion - Distribution:

Fuel combustion for transportation of 4.1 - the final product can cause climate change, deplete resources, and impact human health.

Hotspot: An activity within a product's life cycle that is identified as having a substantial environmental or social impact that is supported by significant evidence.

Sustainability Topics:

Climate & Energy

Health, Safety & Rights

END-OF-LIFE &

DISPOSAL



Land & Ecosystems



Water Use

No material hotspots identified