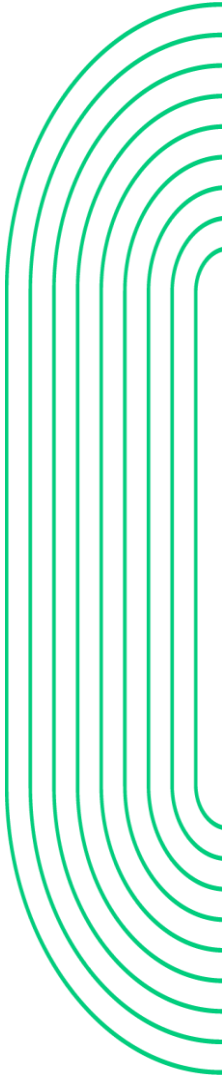


Cannabis and Environmental Regulation: A General Overview of Top Concerns

Danielle M. Hazeltine

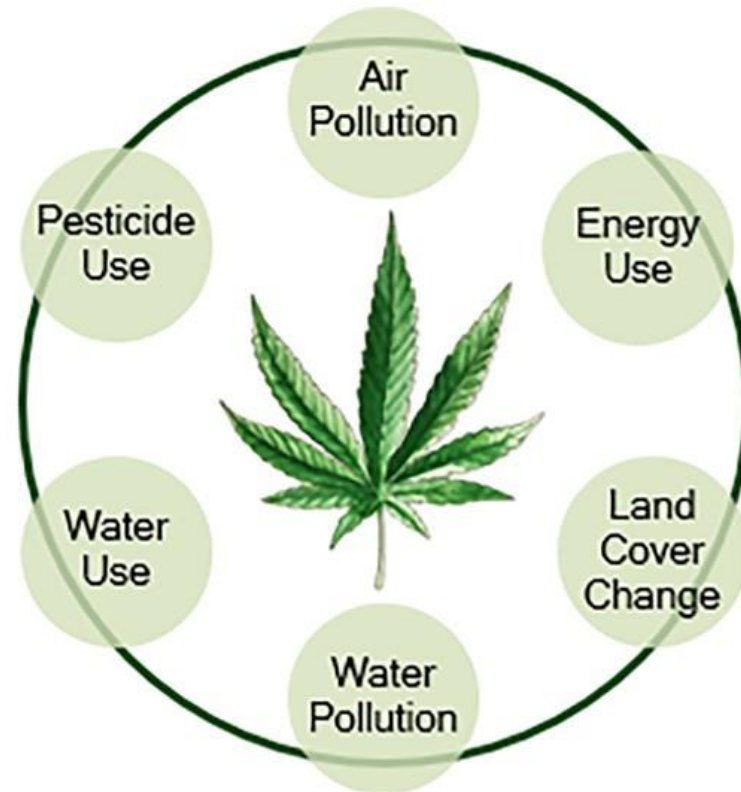
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Documented Environmental Impact Pathways of Cannabis

Environ. Sci. Technol.
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107



Misuse of pesticides/rodenticides
Pesticide Use/Misuse
by cannabis growing operations
poses a direct threat to wildlife,
fish, consumers, and even
employees

FIFRA vs. State Regulations

Employee “Right-to-know”
Regulations

Land Use/Habitat Impacts

Habitat concerns

Erosion

City/County zoning laws

Waste Management Issues

Manufacturing operation waste

Processing operation waste

Growing operation waste

“Unusable and Unrecognizable”

Water Issues

Is there a sufficient supply?

Waste water streams

Energy Use

Indoor grow operations have a high demand for electricity

CO₂ footprint?

Air Quality Impacts

Indoor vs. Outdoor

Volatile Organic Compounds (VOCs)
produced during plant growth and processing

Hazardous Air Pollutants (HAPs) produced
during processing

Permitting concerns

ESG Considerations

Focus on the “S” through corporate responsibility and service-based measures

Understand risks

Take advantage of opportunities that help your company meet short and long-term goals

Questions?

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