Pesticides are Petrochemicals that are Driving Climate Change

“Petrochemicals are set to account for more than a third of the growth in world oil demand to 2030, and nearly half the growth to 2050, adding nearly 7 million barrels of oil a day by then.”

The triple crisis of climate change, biodiversity loss and chemical pollution is threatening our economy and our future.

**CLIMATE POLICY IGNORES SYNTHETIC CHEMICALS**

**HIGH STAKES**

Fossil fuel extraction and refinement for petrochemical production is accelerating climate change, undermining ecosystem integrity, polluting soil, air and water, and harming human health. Yet, production continues to increase.

**PETROCHEMICALS ARE THE LARGEST DRIVERS OF WORLD OIL DEMAND.**

The global petrochemicals market is projected to grow from $627.84 billion in 2023 to $885.81 billion by 2030.

**PESTICIDES SKYROCKETING**

3.54 million metric tons of pesticides were used in 2021. Global pesticide use has increased by 20% between 2008 - 2018.

**GLOBAL CONTAMINATION**

Synthetic chemicals have been detected in the upper atmosphere, deep in the oceans in soil, water, air, and in the human food chain.

**ECOSYSTEMS IN PERIL**

Pesticides are an underestimated driver of biodiversity loss, damaging ecosystems, and contributing to insect, bird, amphibian declines.

**BABIES BORN PRE-POLLUTED**

Over 200 chemicals are found in cord blood of BIPOC babies. "Numerous environmental contaminants can cross the placental barrier; to a disturbing extent, babies are born 'pre-polluted.'"

**ECONOMIC RISK**

The world cannot afford continued biodiversity loss and damage to ecosystems.

Ecosystems services generate half of the world’s GDP - $44 trillion. The World Bank estimates that a partial collapse of ecosystem services including pollination, fisheries and timber will lead to a $2.7 trillion decline in global GDP by 2030.

Please direct questions to melissa@slpublicaffairs.com or joyce@peopleandpollinators.org
References:
11. IEA - https://www.iea.org/energy-system/industry/chemicals/

Organizations Supporting HB24-1178

American Academy of Pediatrics
Dedicated to the Health of All Children®

Colorado Chapter

American Bird Conservancy

Beyond Pesticides

City of Boulder

Colorado Native Plant Society

Conservation Colorado

People Pollinators Network

Eco-cycle®

Building Zero Waste Communities

DS Environmental Consulting

ENVIRONMENTAL CONSULTING

Peer

CITIZENS ALLIANCE FOR A SUSTAINABLE ENGLEWOOD

Rewilding

Citizens United for ReWILDing

Longmont Area Democrats

Mtn Demos

Rocky Mountain Wild

Sunday

Beyond Pesticides

350 Colorado

Eagle River Watershed Council

Sierra Club

Trout Unlimited

South Platte Renew

Town of Vail

Wild Foundation

City of Boulder

GreenLatinos

Citizens for a Sustainable Englewood

Case

Frontline Farming

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