

Main text (introduction)

Human-caused emissions of carbon dioxide (CO₂) have contributed significantly to climate change. As of 2022, fossil fuel combustion and industrial processes account for 89.6% of these emissions while land use change, primarily deforestation, accounts for 10.4% (Figure S1).

Supplemental figure

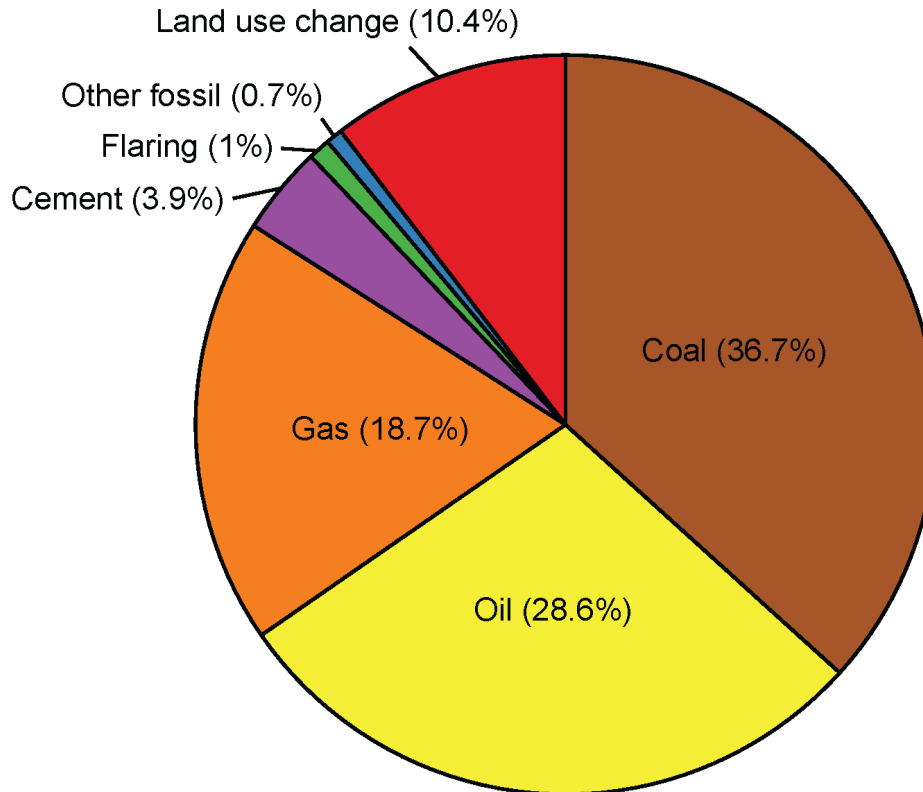


Figure S1. Global anthropogenic CO₂ emissions for 2022 by source. Total estimated emissions are 41.46 Gt CO₂ per year. All categories except land use change comprise fossil fuel and cement production emissions excluding carbonation. Land use change emissions include those associated with deforestation, forest regrowth (negative), other transitions, peat drainage & peat files, and wood harvest & other forest management. Data are from the Global Carbon Budget (Friedlingstein et al. 2023).

Supplemental reference

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