

# Impacts of Future Land Cover Change on Biomass Burning Emissions of Mercury

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Hg Emission Factors

Available Biomass

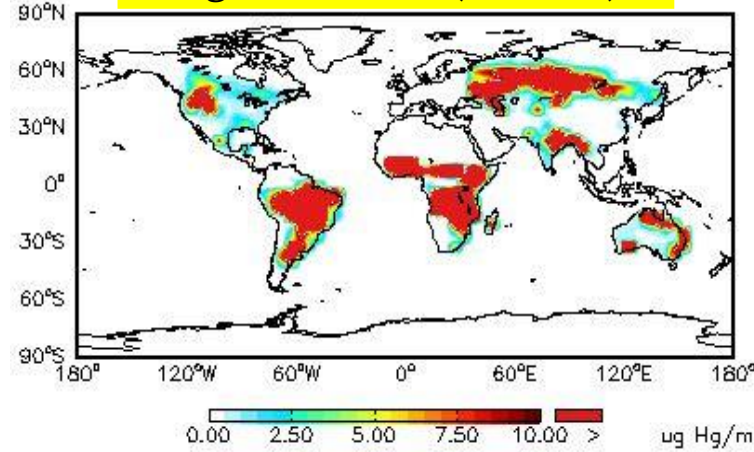
Combustion Efficiencies

Fire Frequencies

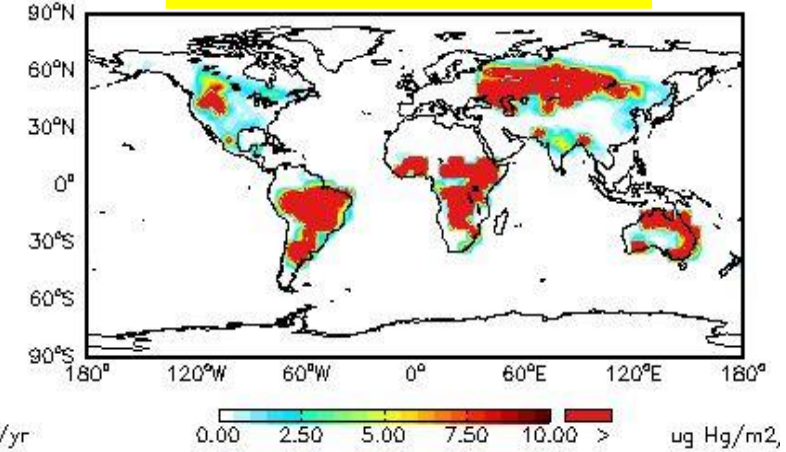
Land Cover

Burned Area

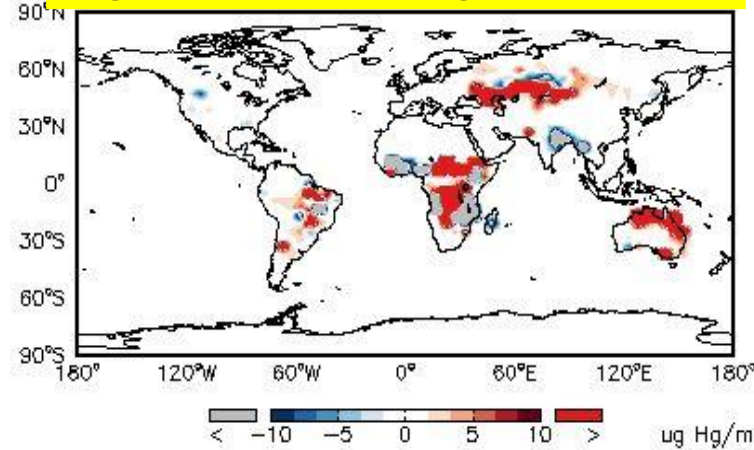
Hg Emissions (Present)



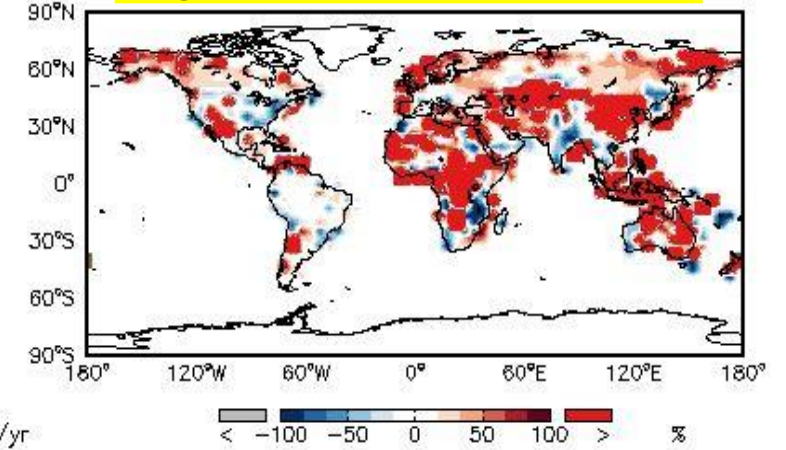
Hg Emissions (Future)



Hg Emissions Change (2050-2000)



Hg Emissions (2050-2000) %



Hg Biomass Burning Emissions  
(Present & Future)

2000 → 2050 Change : +50%

**Michigan Tech**