### GLOBAL FOREST WATCH FIRES

# **INDONESIAN FOREST FIRES:** FROM CAUSE TO EFFECT

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Various actors (companies, small scale farmers) use fire to clear land for development and agriculture.

#### Why Forest Fires Occur



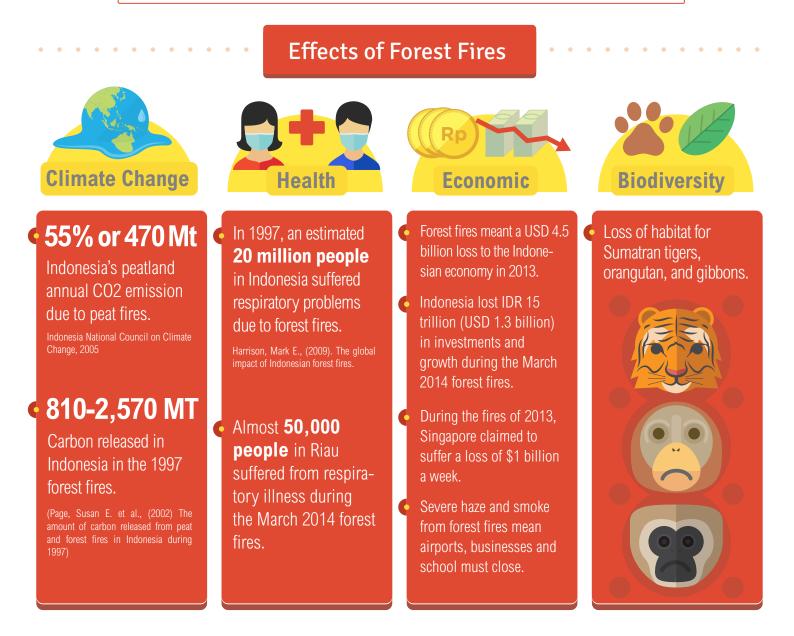
Instrument in Land Tenure and Land Use Disputes

Fires are often used to stake claims in land disputes between large scale companies and small scale farmers.



Drained peatlands are highly flammable during the dry season. Small-scale clearing and camp fires easily burn out of control.

Unlike boreal areas where lightning causes forest fires, most of fires in Indonesia are man-made.





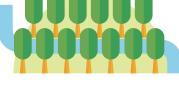


FOCUS IN RIAU PROVINCE

Between Jan 2013 – July 2014, **73%** out of 45,000 fire alerts in Sumatra occurred in Riau.

Riau contributes 27% or **284.67 Mt** in annual CO2 emissions.

BPREDD, Indicative Historical National Reference Emission Level



FOCUS ON PEATLAND AREAS

 Between March 2013 – March 2014,
759/0 of fire alerts in Sumatra overlapped with peatland.
WRI (2014)

 Peat fires release greater amounts of GHG than fires in non-peat areas and are much harder to put out.

#### FOCUS ON ILLEGAL BURNING & PROVIDE LAND-CLEARING ALTER-NATIVES FOR SMALL FARMERS

- Focus on controlling and regulating fires used to clear land.
- Address land claims and disputes between communities and companies
- Ramp up enforcement efforts targeting actors illegally setting fires.
- Provide small farmers with mechanical land clearing equipment.