



# Palming off the Earth

Wanda Wang  
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# Introduction



**Leonardo DiCaprio**   
@LeoDiCaprio

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Stand with @haka\_sumatra to #SaveLeuserEcosystem:  
[chn.ge/1pSAiiv](http://chn.ge/1pSAiiv)

9:27 PM - 28 Mar 2016

# Stakeholders



# “Green Gold”

## A Sampling of Products Containing Palm Oil



Beverages

Food

Cookies, Candies  
& Ice cream

Personal Care  
Products

Cleaning  
Products

Cosmetics

# The Datasets

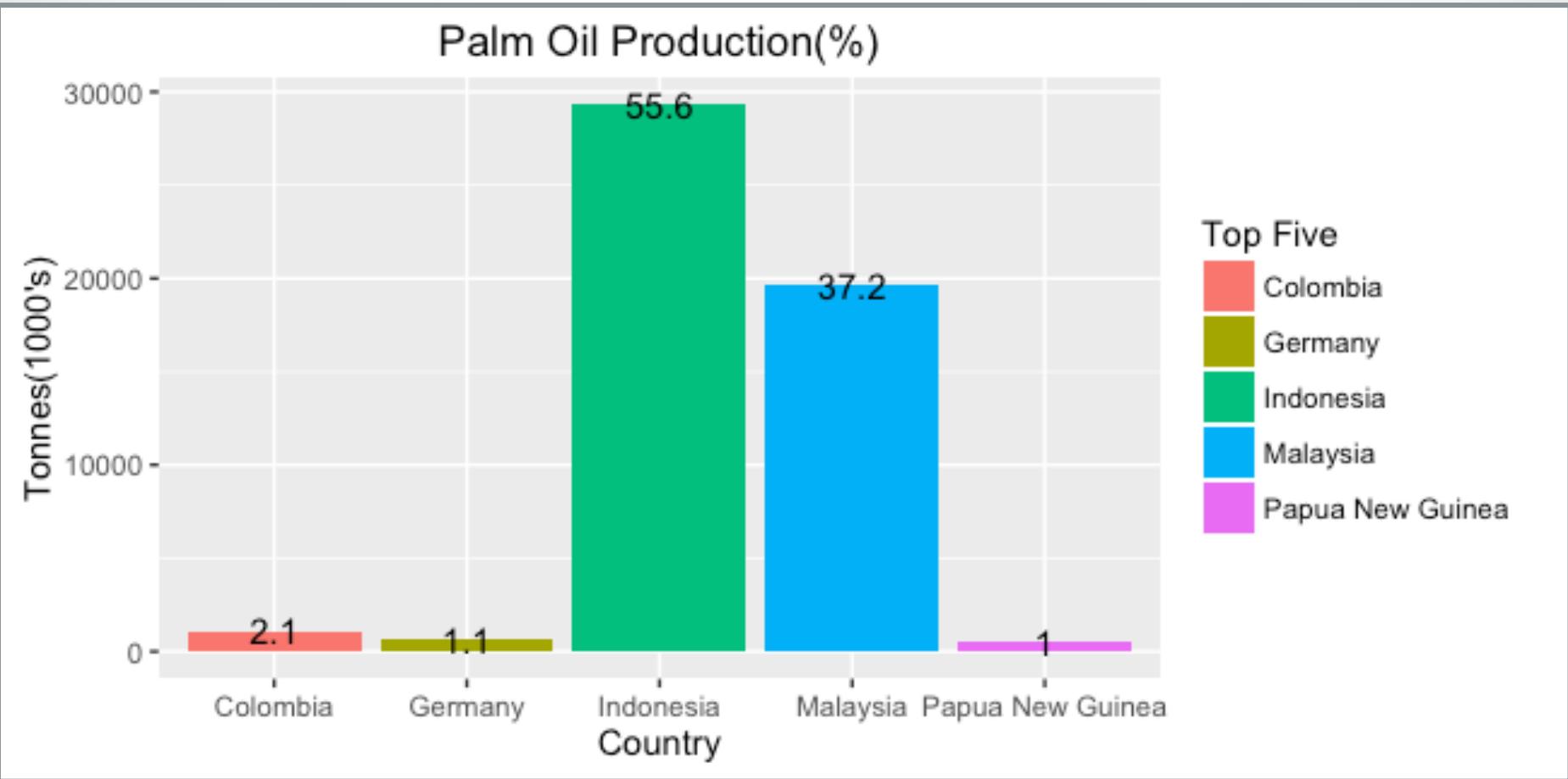
- **UN Food and Agriculture** - provides information on global Palm oil production and area harvested
- **Global Forest Watch** -Palm oil Mill location data and fire alert data available for our review

# Exploratory Questions

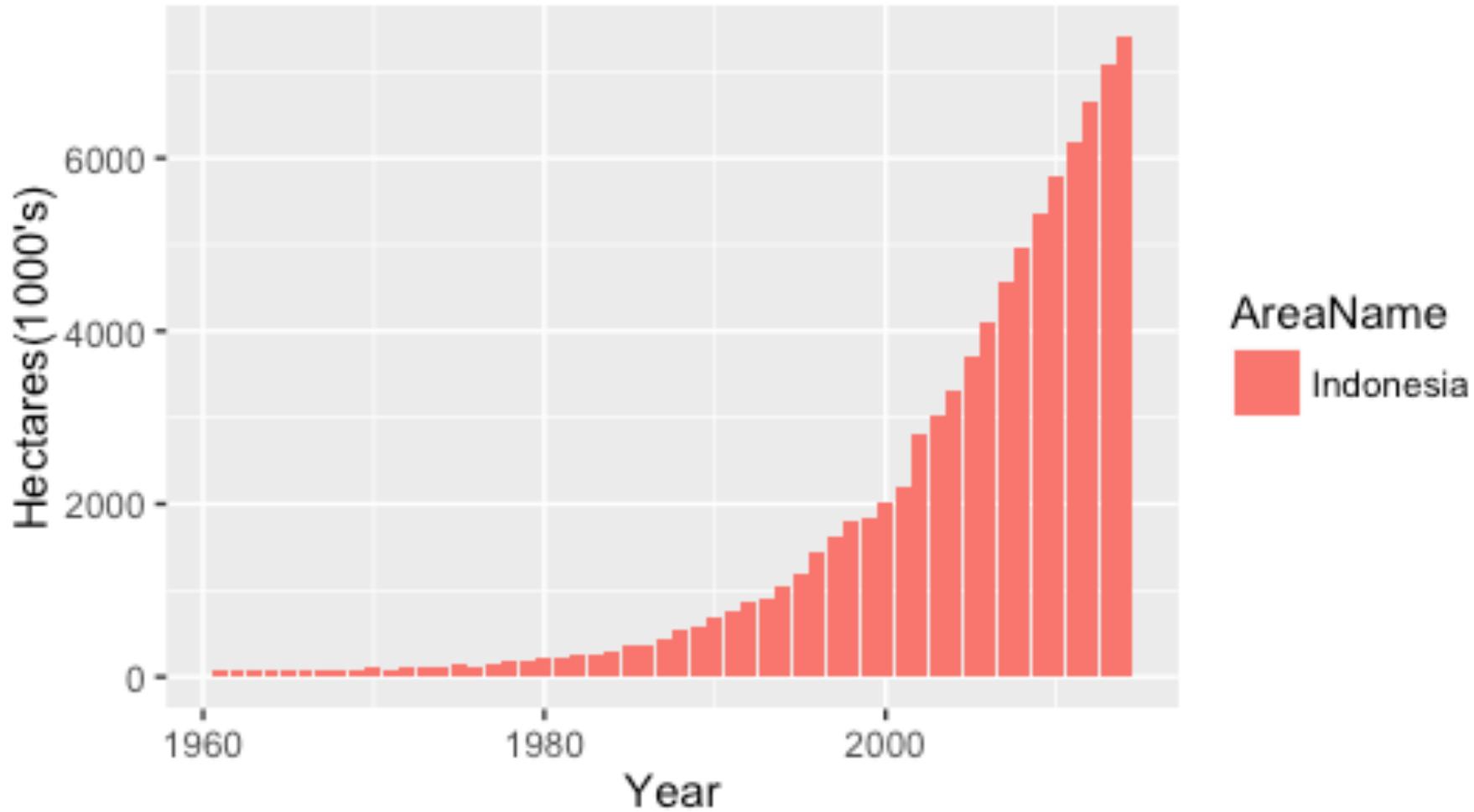
- 1) Which countries are the top producers of Palm oil?
- 2) Where are the palm oil mills located within these countries?



# Production: Top Five



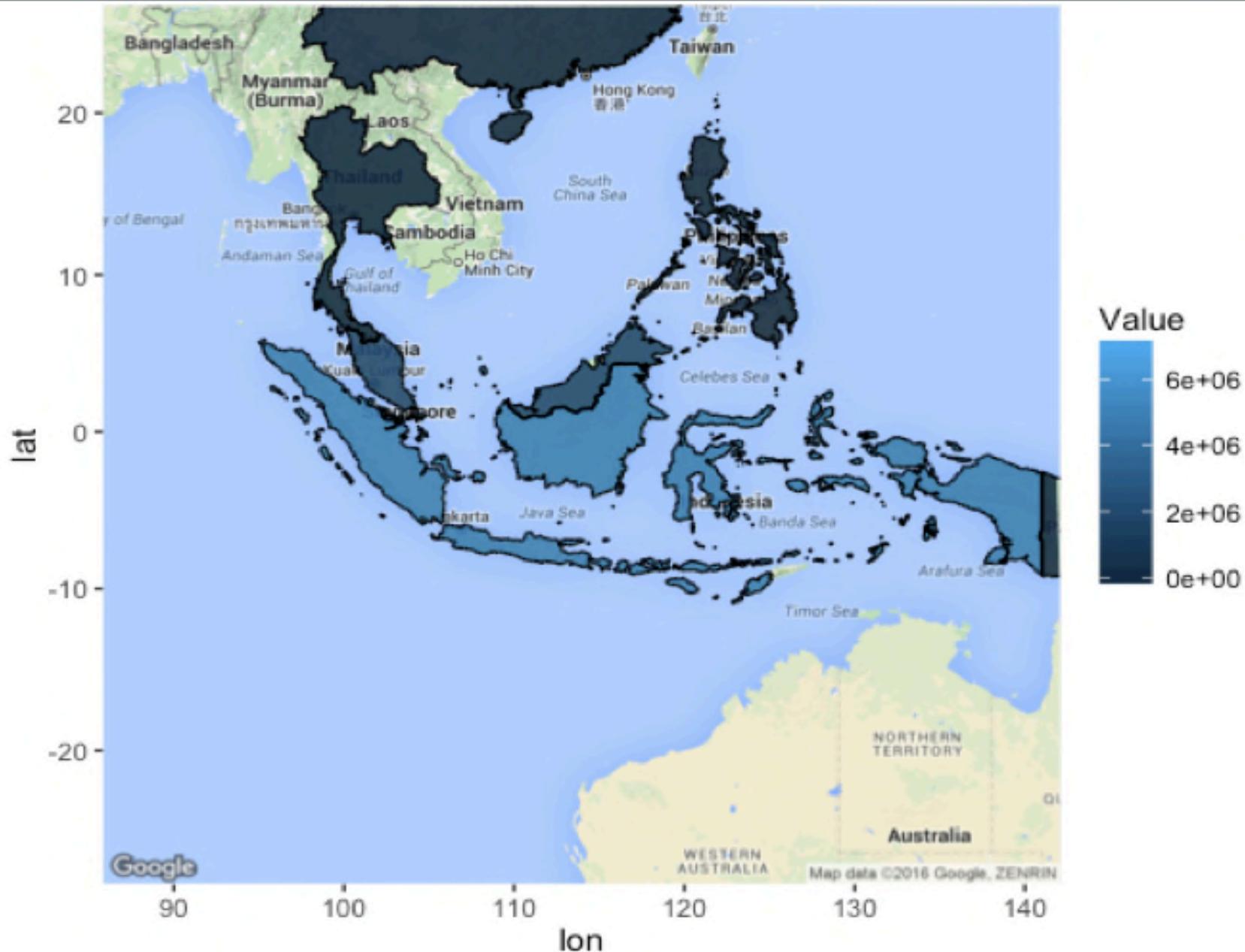
## Area Harvested through Time



# Global Production(Area)



# Production in Asia(Area)



# Satellite View

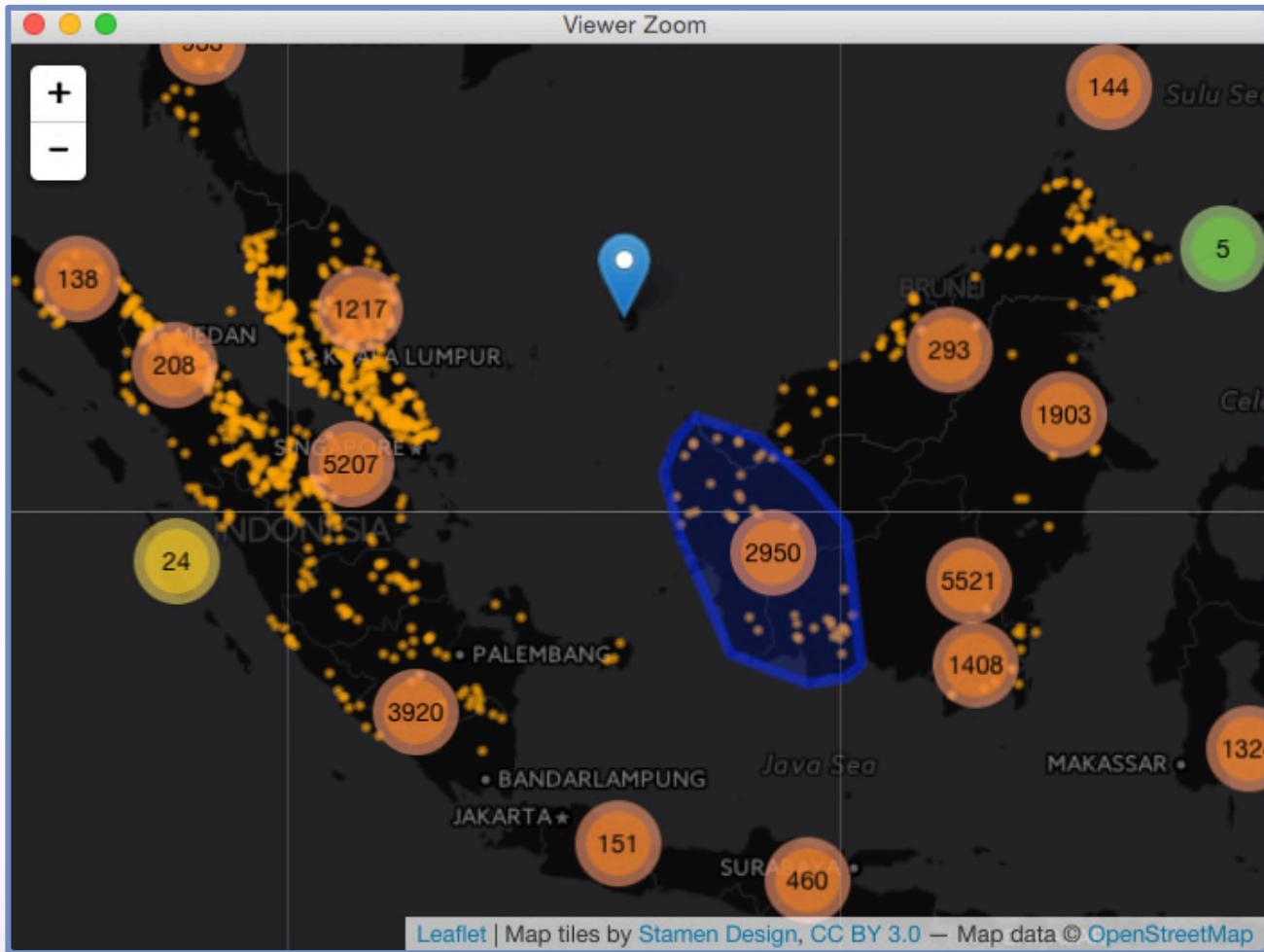


# Forest Fires



# Mill Distribution & Fire Hotspots

- [go to Class Github html page](#)



# Conclusion

- Indonesia possesses the most Palm Oil Mills as currently reported in available data
  - Is there a trend between species extinction and habitat location in Palm Oil producing nations?
- There is a strong presence of fire hotspots within the last year where the majority of Mills are located
  - How much has the Air Quality Index been impacted?
  - Are there any geographic overlaps with existing nature reservations- what is the tree cover loss over time in those areas?