



# Palming off the Earth

Wanda Wang  
Apr. 26<sup>th</sup> 2016

# Introduction



**Leonardo DiCaprio**   
@LeoDiCaprio

 Follow

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

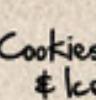
9:27 PM - 28 Mar 2016

# Stakeholders



# “Green Gold”

## A Sampling of Products Containing Palm Oil



Beverages

Food

Cookies, Candies  
& Ice cream

Personal Care  
Products

Cleaning  
Products

Cosmetics

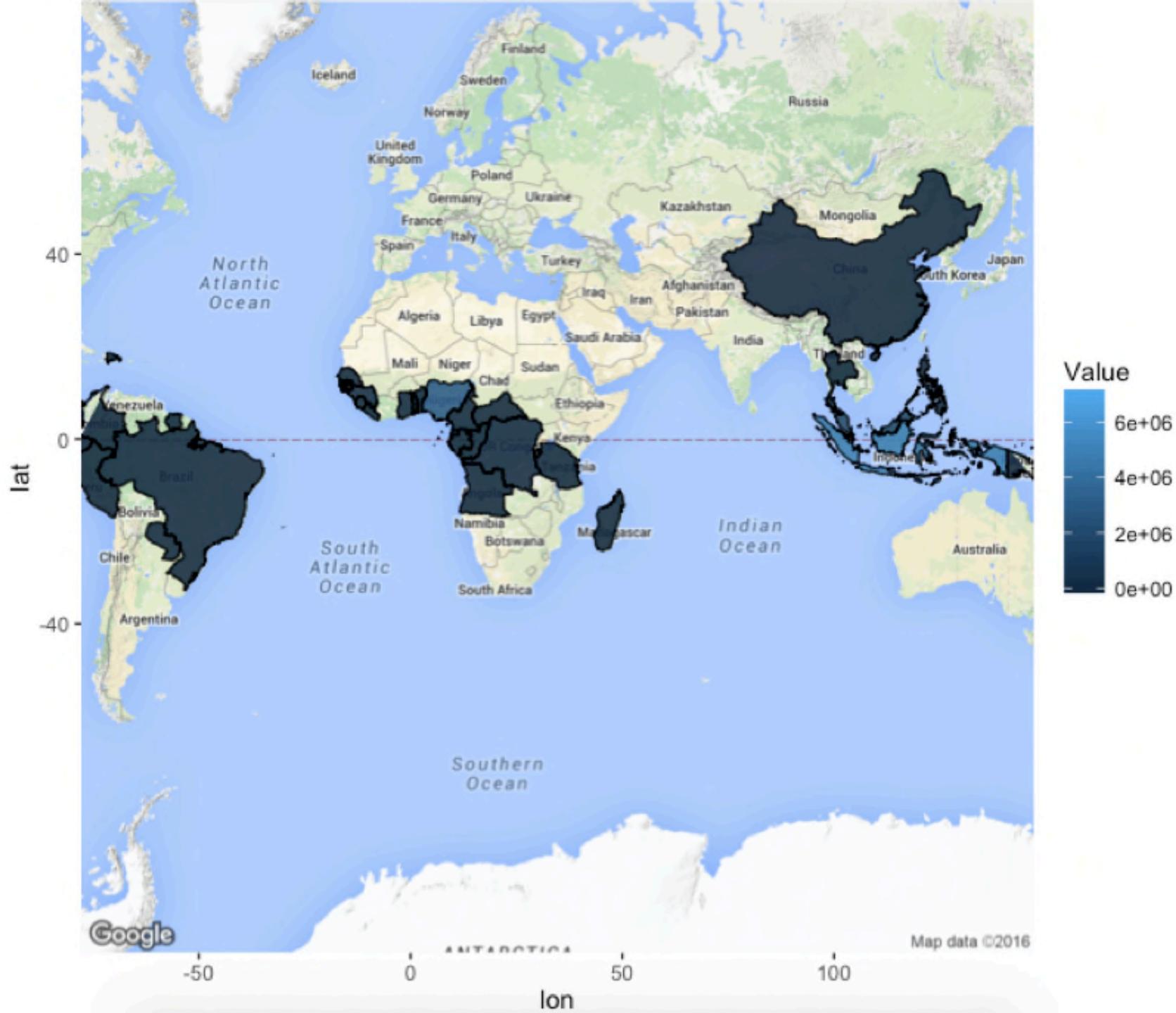
# The Datasets

- **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

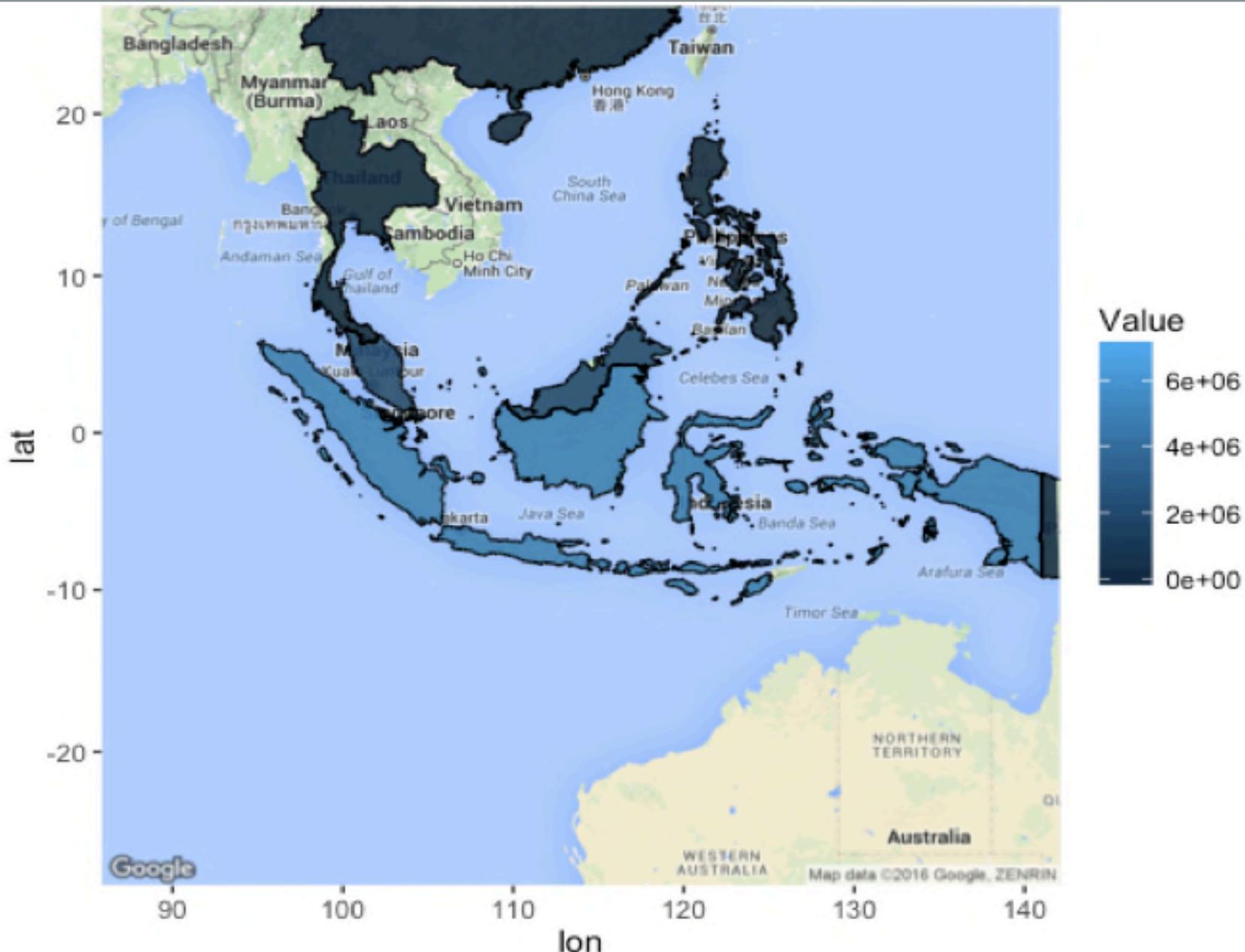
# Exploratory Questions

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

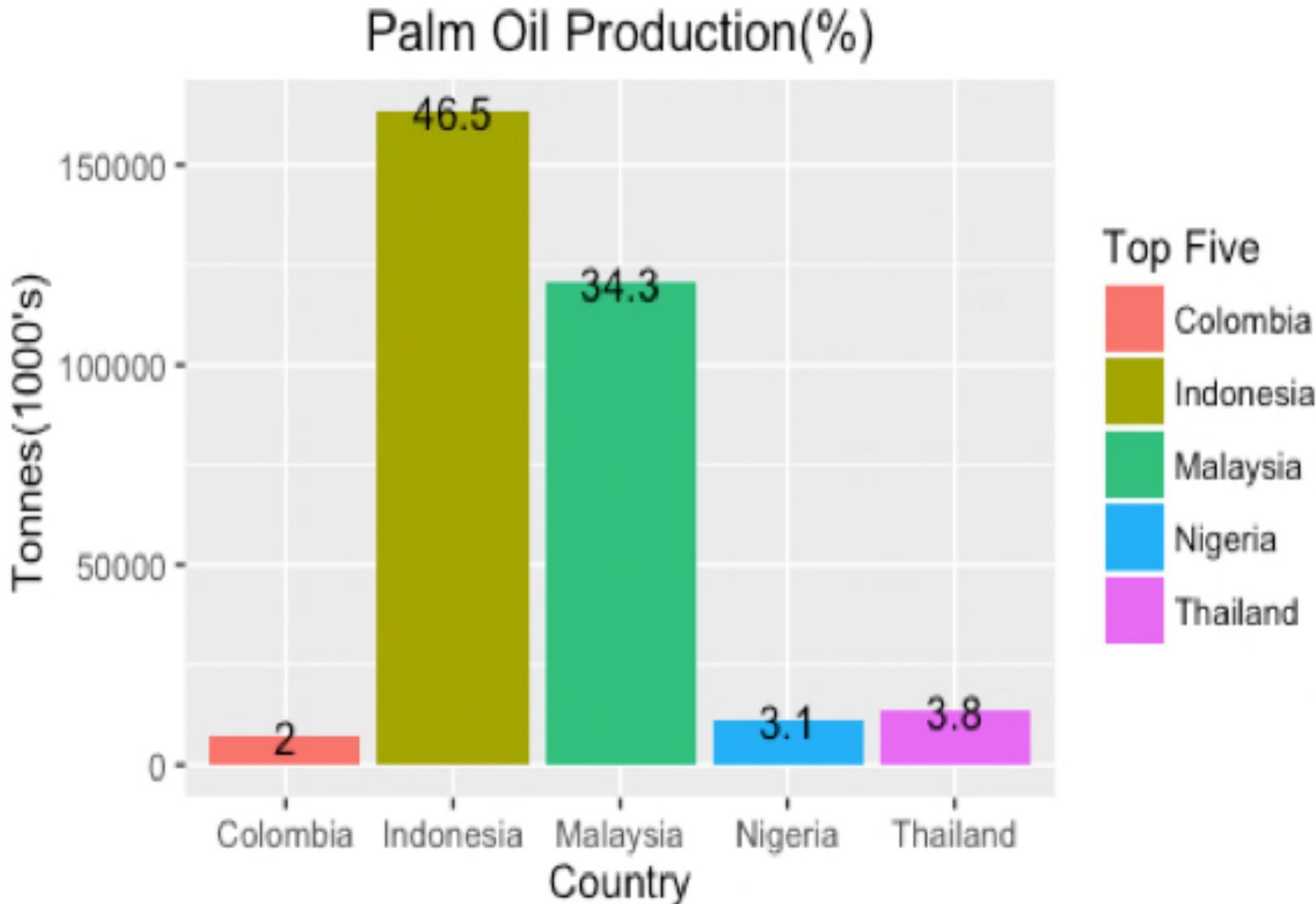




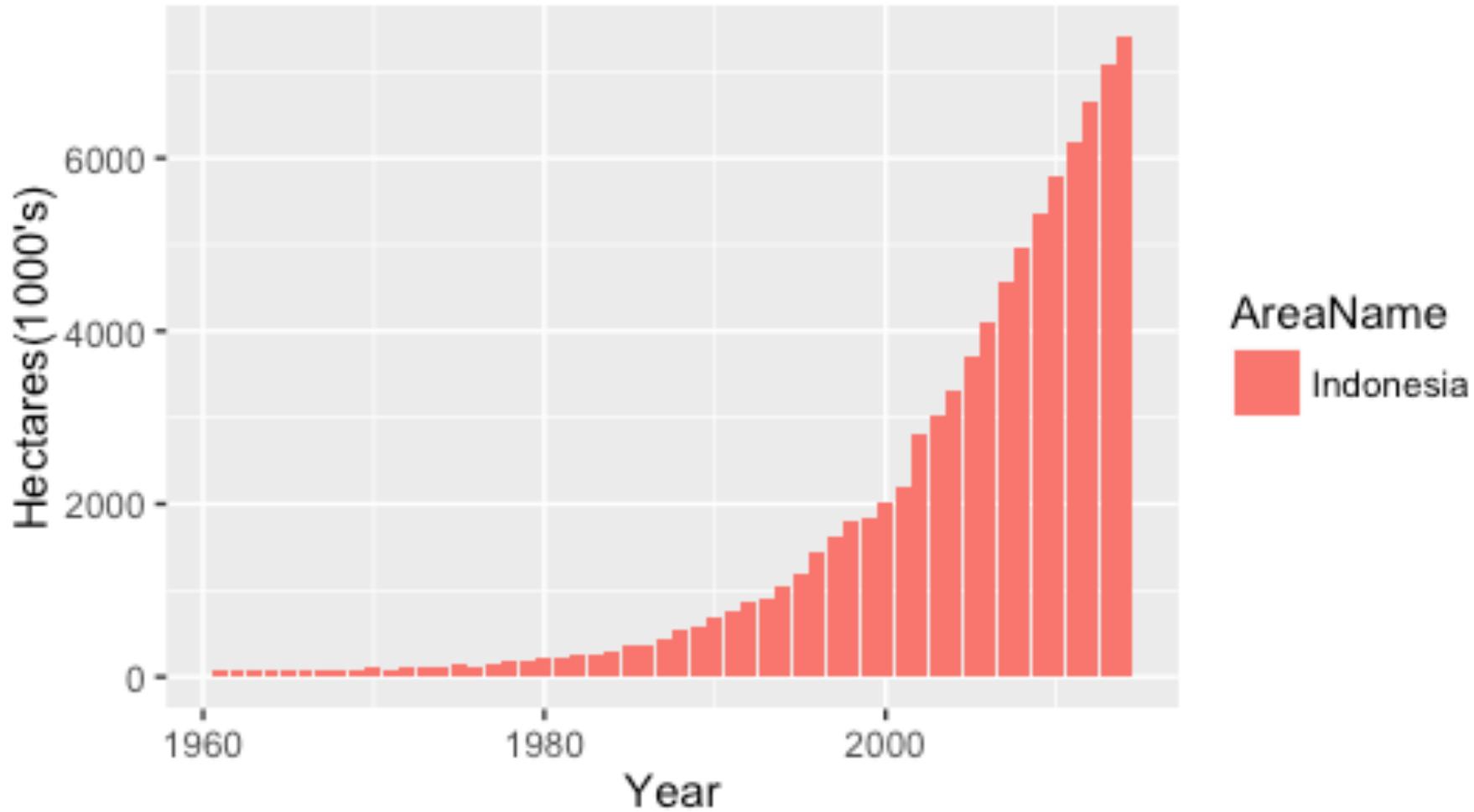
# Production in Asia



# Production: Top Five



## Area Harvested through Time



# Satellite View

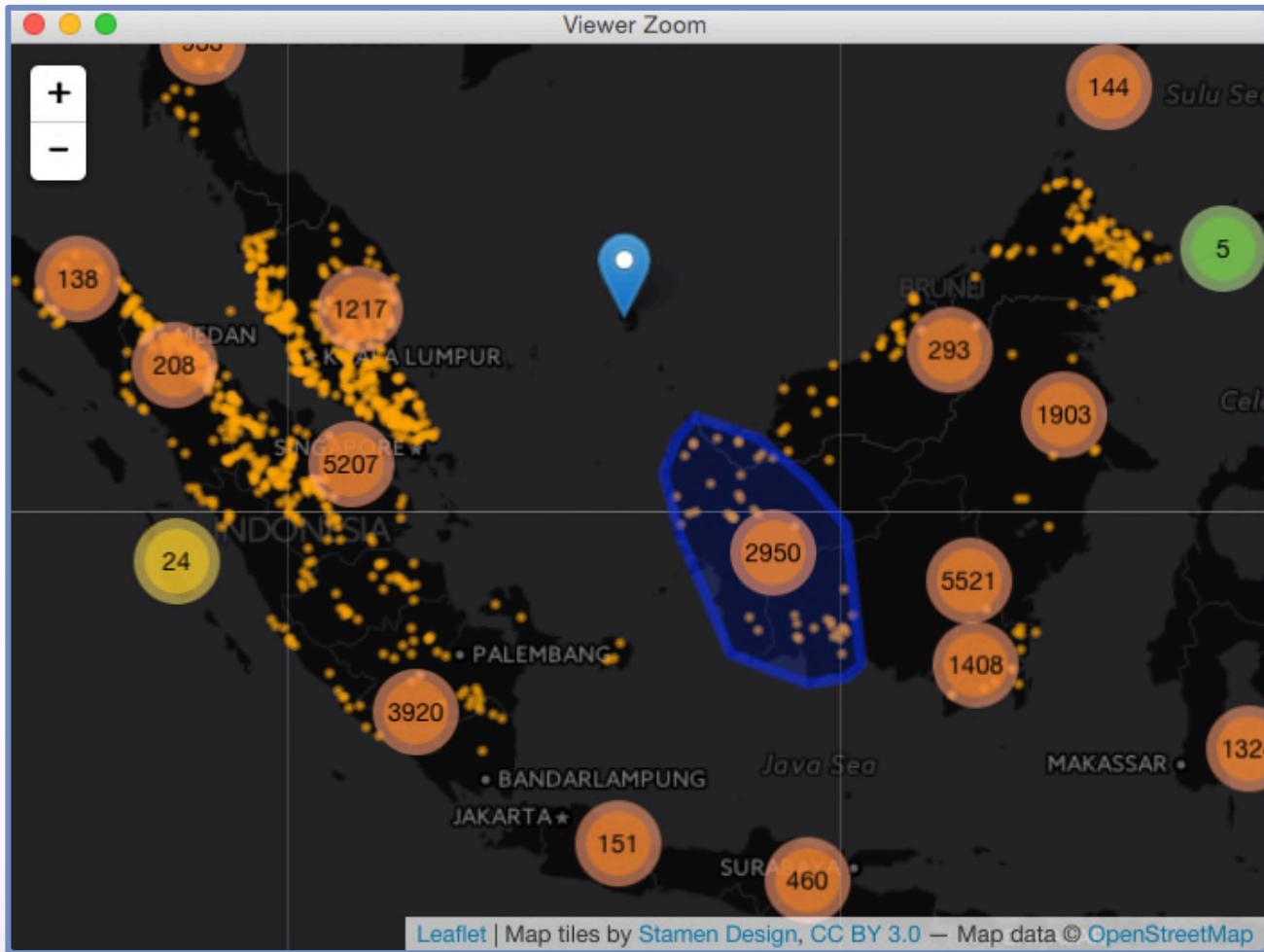


# Forest Fires



# 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?