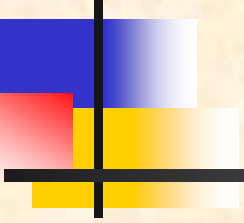


# Clean Air Globally Strategies: Policy Track



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# Broadening geographic scope of addressing air pollution (ozone and PM)

- Ozone: emerging issue in developing countries with increasing trend and levels exceeding WHO guidelines and national AAQS → global issue
- PM is a standing issue and getting worse in many developing countries especially for fine PM
- Transboundary nature of ozone/ozone precursors and PM requires collaborative efforts to address and to gain multiple benefits.
- Air pollution has attracted increasing attention from governments, the public and research communities → opportunities

# Regional and global agreement framework?

## Regional agreements

- Meet regional needs: issues of the regional interest
  - ASEAN Haze: biomass-forest fire in ASEAN
  - Northeast Asia regional programme on establishing dust and sand storm monitoring and early warning
  - Male' declaration: transboundary in South Asia
- Between countries with similar geographic conditions (neighbor) and may be close development levels

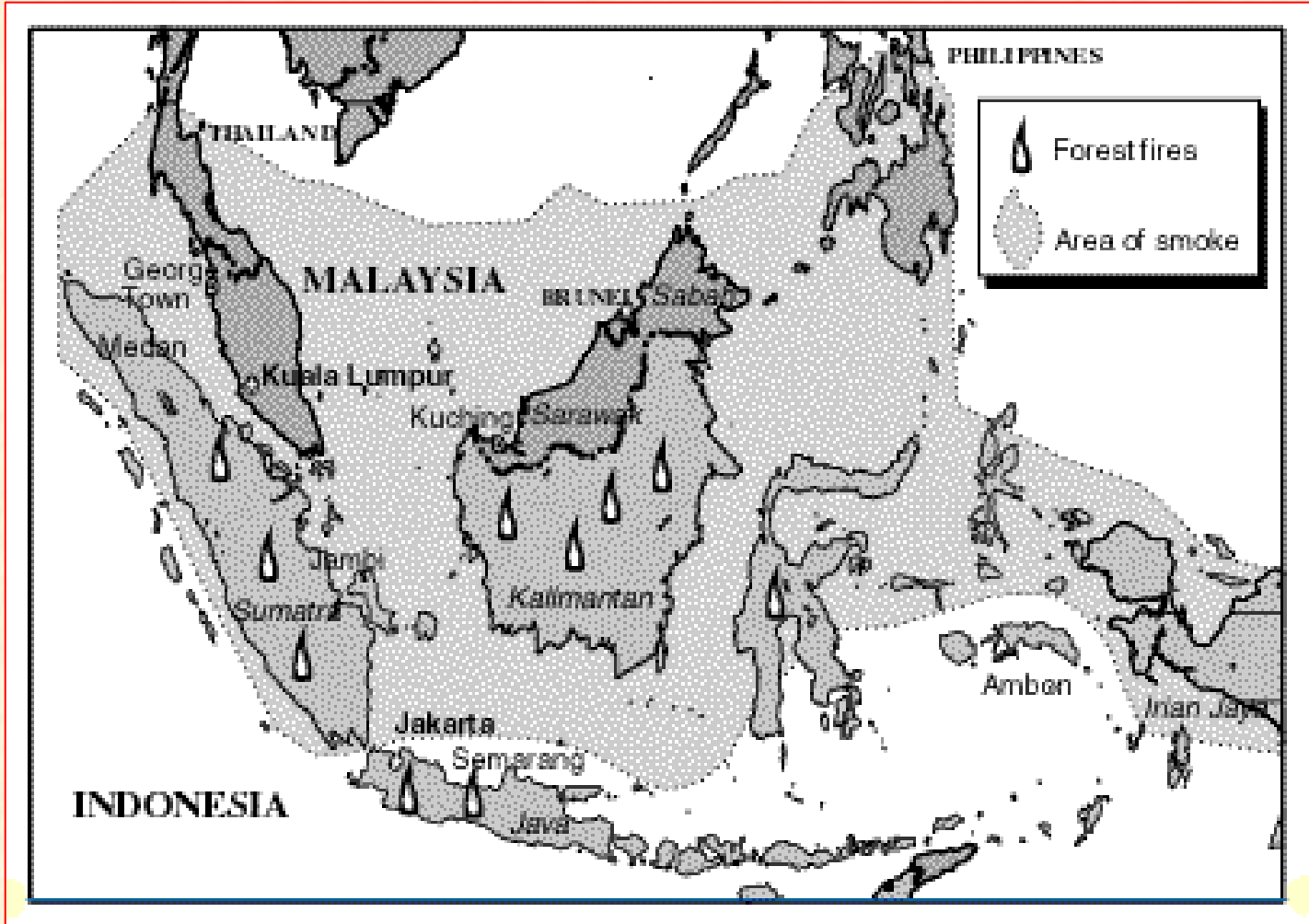
## Global collaboration

- Common issues (transboundary) between regions
- Value to learn from experience of developed countries

# ASEAN Haze Pollution: Regional only?

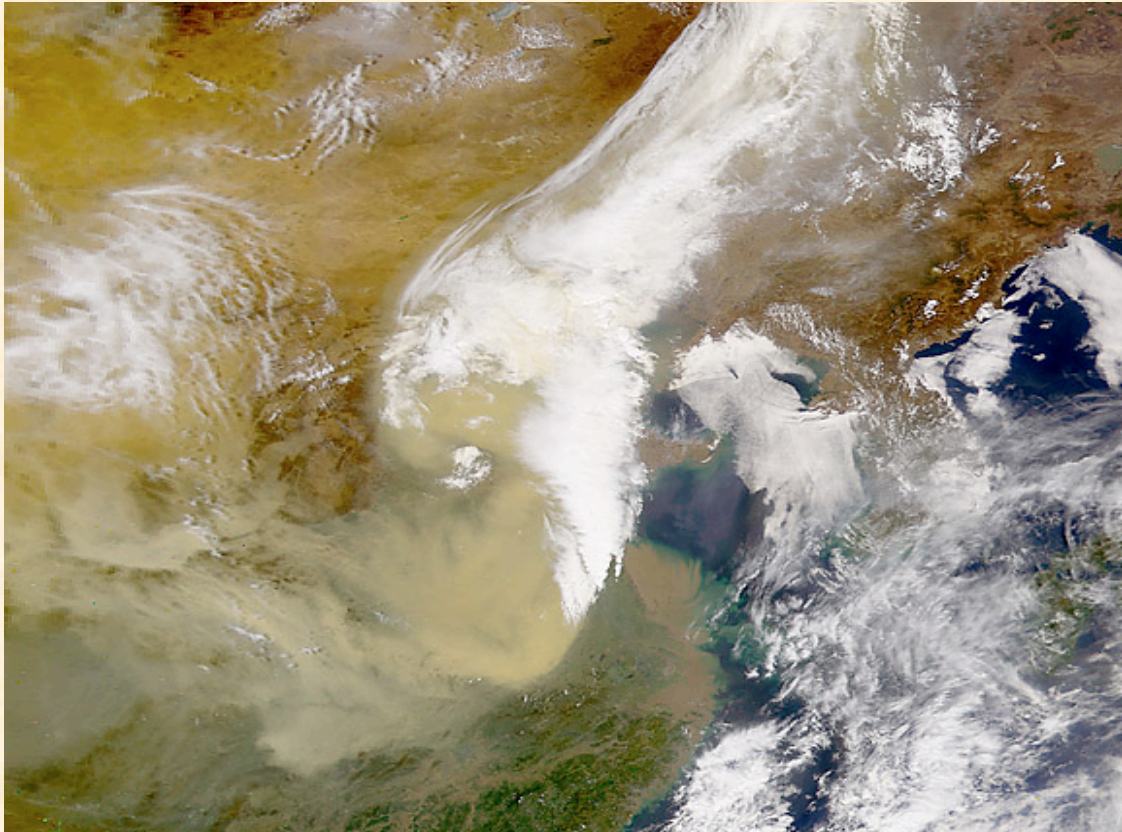
Area affected by haze in Dec. 1997

Source: [http://www.rand.org/pubs/research\\_briefs/RB5066/index1.html](http://www.rand.org/pubs/research_briefs/RB5066/index1.html)

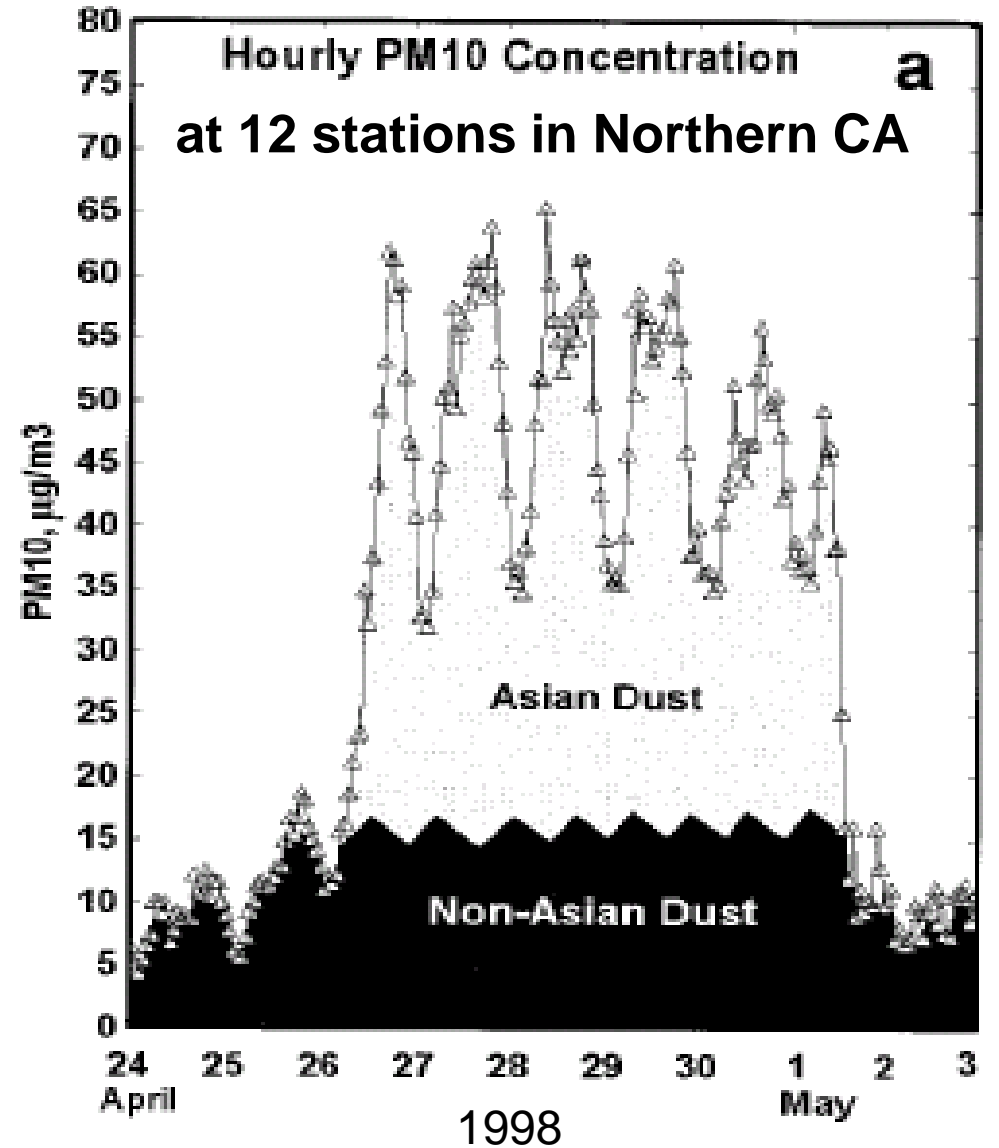


Ozone pollution was high in Northeast Asia in 1997: precursors emissions from this massive open burning

# Region or beyond?



NE Asia dust storms (04/1998)



Source: Husar et al. (2001)

# How to communicate on common issues

**YES!**

- Working groups/task force on PM and ozone: from science to policy
- Scientific meetings
- Policy dialogue
- Demonstration projects for common sources
- Capacity building

How long can we hold our breath?

