Hastily constructed presentation on carbon emissions

T.J. Blasing

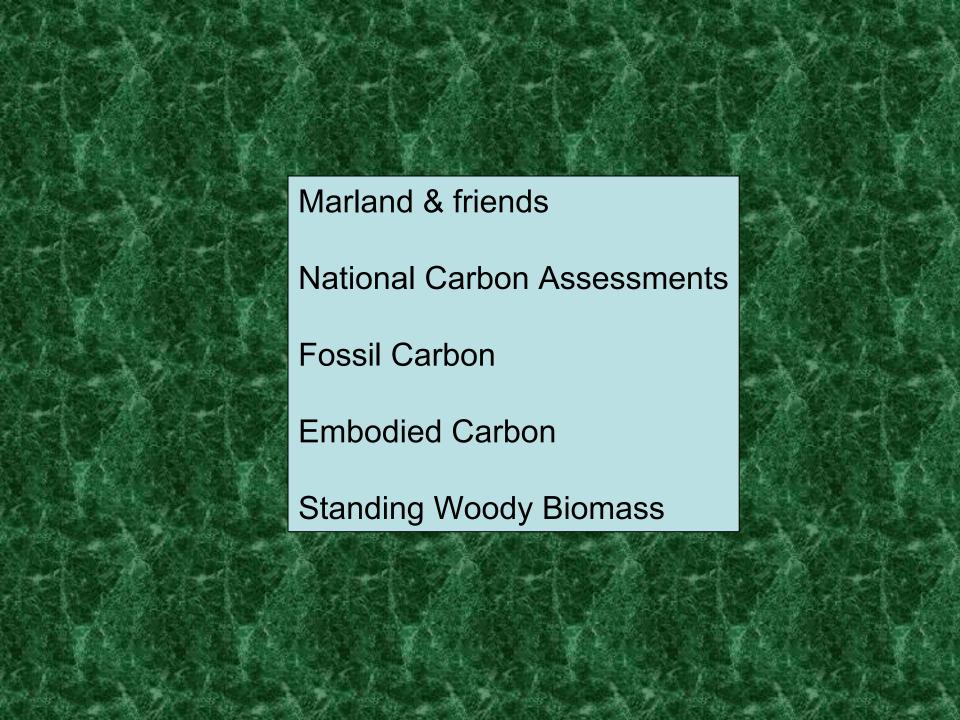
For NOAA ESRL meeting, May 15 2008

Brought to you by:









Have already done

Annual C emissions for each state

Monthly C emissions for USA total

Jay Gregg and Bob Andres will Expand to

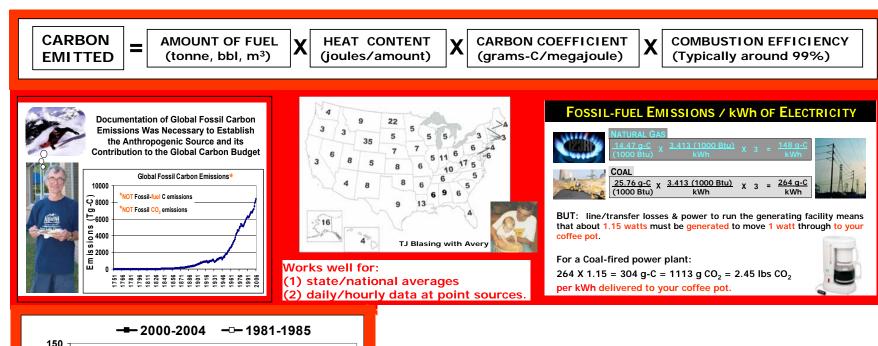
Monthly C emissions for each state

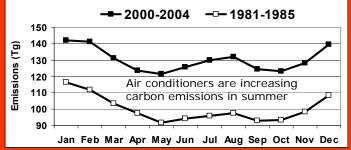
Monthly C emissions for other countries

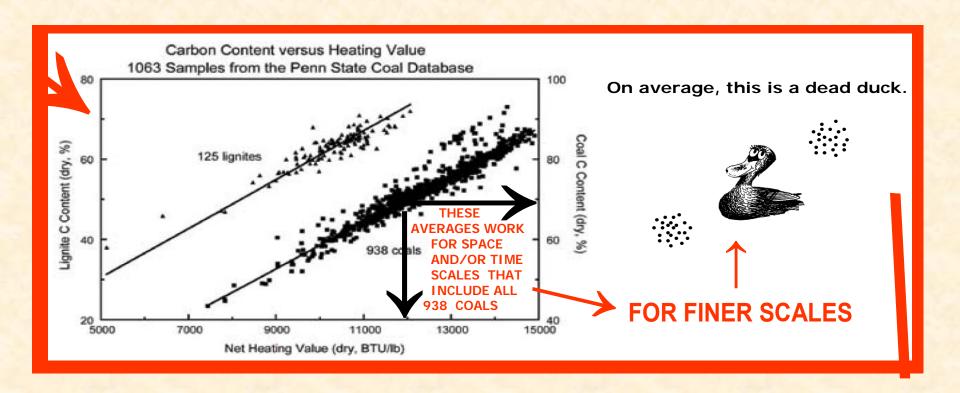
Collaboration with Vulcan

Carbon tracker

Sulfur tracker







## Large Point Sources Need plant-specific fuel data



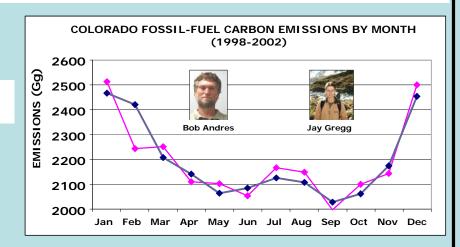
Gaby and Anjalie



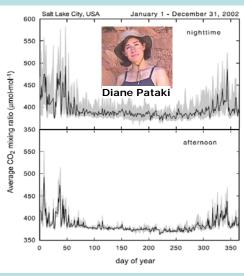
## Specifying seasonal cycles for cities and states requires proxy data

Home heating data

**Gasoline sales** 





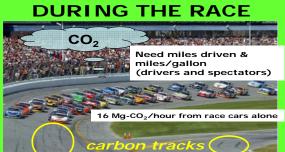




## Tracking carbon emitted from the Daytona 500

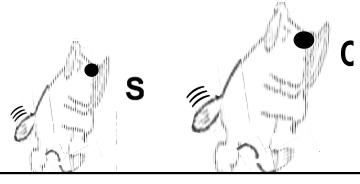














 $SF_5CF_3$  Atmospheric lifetime = 800 years GWP = 17,700 $SF_6$  Atmospheric lifetime = 3200 years GWP = 16,300