



Update on ARB's International Coordination Activities

Sacramento, CA

December 18, 2014

California Environmental Protection Agency

 **Air Resources Board**

“California very strongly supports the efforts of states and cities to do their part to combat climate change ... I believe that from the bottom up, we can make real impact and we need to join together ... to deal with the existential threat of climate change.”

-- Governor Brown, UN Climate Summit, Sept. 2014



UN Climate Summit, September 2014 (AP)



California's International Agreements on Air Quality and Climate Change



December 2014

Benefits to California

- Learning from others
- Opens doors to global clean tech market
- Bolsters California's climate change program and expands global action
- Improves air quality in border area
- Helps establish programs to address climate change and put a price on carbon



Catalyzing Global Action on Climate

- California's collaborations with Mexico, China and others
 - Demonstrate leadership and commitment to combatting climate change by countries and regions around the world.
 - Pave the way for meaningful action in the United States and throughout the world.



Earth from space (NASA)

Working Together on International Efforts



45 Years of Technical Excellence

- Worldwide leaders
- CA's air quality programs informed those of other jurisdictions
- Long history of collaboration with other jurisdictions
- Climate change programs leading the world



Dr. Arie Haagen-Smit

Collaboration with China

- California's technical expertise and experience is helping Chinese agencies address their challenges
- Helping Beijing EPB push for cleaner cars and accelerate ZEV market in China
- Helping to implement meaningful trading programs to reduce GHG emissions
- Assisting regional pilot emissions trading systems



Beijing 2013 (LA Times)

Collaboration with Mexico

- Updating smog-forming and GHG emission standards for Mexico's light-duty and heavy-duty vehicle programs
- Developing recommendations for Inspection and Maintenance programs (i.e., Smog Check) for several Mexican states
- Continuing support of the Baja air monitoring network
- Discussing implementation of National Climate Law



Mexico City (Photo by Julio Etchart)

Collaboration with India

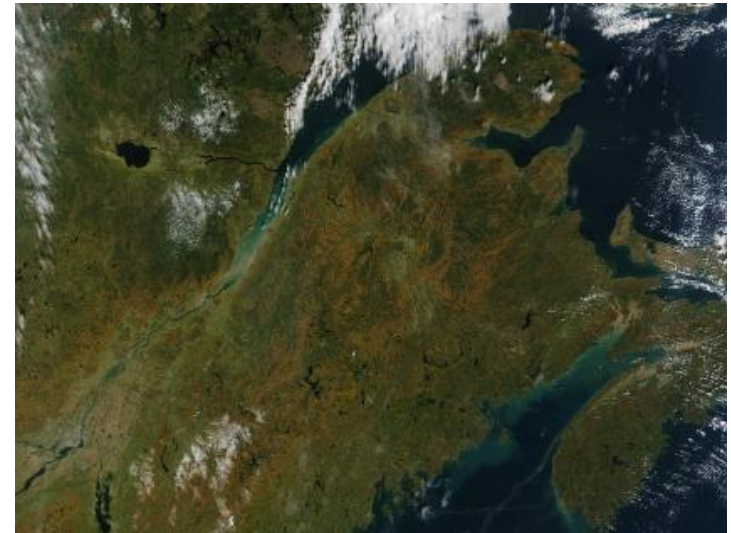
- India-California Air Pollution Mitigation Program (ICAMP)
 - Report released November 2014
 - 12 specific recommendations for immediate action
 - Initial focus on improving air quality monitoring network and developing AQI
 - Utilize California's experience in mitigating air pollution to inform policies



New Delhi (Photo by UCSD Scripps)

Collaboration with Québec

- California and Québec Programs linked beginning January 1, 2014
- First joint auction was held November 25, 2014
- Accelerating deployment of ZEVs



Quebec (NASA)

International Forestry

- Governors' Climate and Forests Task Force (GCF)
 - Members include states in Indonesia, Nigeria, Spain, Mexico, Brazil, Peru, & U.S.
- REDD Offset Working Group (ROW)
- New York Declaration on Forests



Amazon Rainforest (Photo by Felipe Menegaz)

Multi-jurisdictional Collaborations

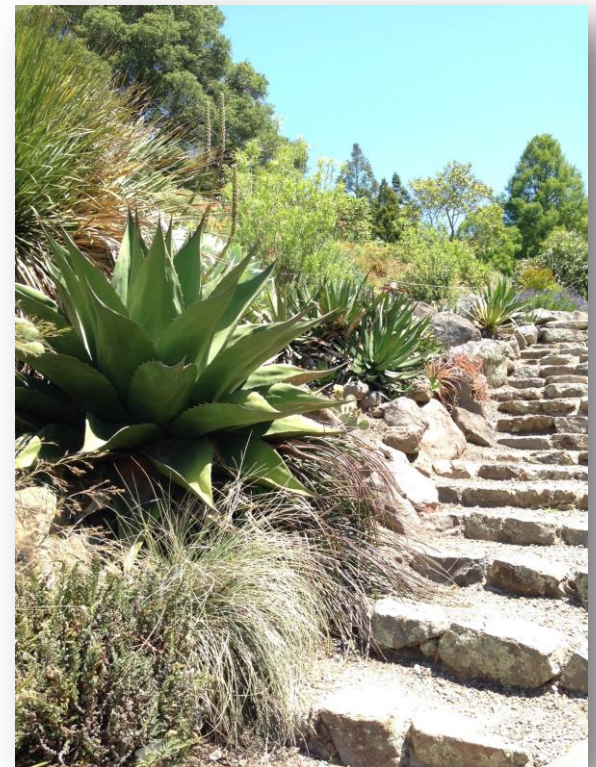
- Pacific Coast Collaborative
 - British Columbia, Oregon and Washington
 - Action Plan on Climate and Energy
- Partnership for Market Readiness
 - World Bank initiative
- Climate and Clean Air Coalition to Reduce Short Lived Climate Pollutants



Pacific Northwest (NASA)

Next Steps

- Continue to be a climate leader on subnational level
- Continue to actively seek partners to work together in global battle against climate change
- Ensure mutually beneficial outcomes from collaborations



UC Berkeley (Photo by M. Minnick)