

# Emerging plans for DISCOVER AQ Education and Outreach

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# What sort of outreach experiences have you had?

- A. None
- B. One-shot: e.g. science fair, presentation
- C. Medium term: e.g. week long workshops
- D. Partnership: e.g. GK12 Fellowship



# DISCOVER AQ EO plans thus far

- Funding received Monday (3/31)
- Build on previous work
- Two-day educator workshop
- Possible 3<sup>rd</sup> Field Day
- Media/Open House July 15
- Engagement during campaign

# Previous work

- Front Range air quality workshop (Volkamer)
- Aerosol videos and materials
- Peer-reviewed materials in Climate Literacy and Energy Awareness Network (CLEAN)
  - Ozone, aerosols
  - Black carbon, CO<sub>2</sub>, water vapor







# Educator workshop June 16, 17

- NCAR June 16, 17
- Possible field day June 18
- Recruit within study area, then open up
- Credit from University of Colorado
- Including:
  - Background information
  - Protocols training
  - Accessing data
  - High quality curriculum

# Curriculum development

- Teaching Box from NCAR
  - themed collections of classroom-ready educational resources
- Starter ideas from previous workshop
- Peer-reviewed materials in Climate Literacy and Energy Awareness Network (CLEAN)
  - Ozone, aerosols
  - Black carbon, CO<sub>2</sub>, water vapor



# Protocols



THE GLOBE PROGRAM

- GLOBE
  - Ozone, aerosol, water vapor
  - What else?
- GO3
  - Ozone
  - Black carbon
- NASA Ground sensors?



**black  
carbon**  
experiment



# Media/Open House Day

- July 15
- Airplanes on site
- Hands on activities
- Questions:
  - What's the capacity/target attendance?
  - What have DISCOVER AQ and FRAPPE already planned?



# Ongoing public engagement?

- What is the potential/advisability of site visits during campaign?
- Which audiences have team members already contacted?
- Engagement mechanisms during and after campaign TBD pending conversations



# Outstanding questions

- Who is interested in participating? Talks, lead activities with attendees, host site visitors
- Which groups have already been contacted by science team members?
- Which sites would be appropriate for some visitors? Over what time frame?



# Questions?





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