

AGENDA

Day 1: Tuesday, April 14, 2020 from 8:00 AM – 9:00 AM

- Welcome and review of what we are trying to achieve – Tom Prince, Caltech
- Potential changes we are likely to see:
 - Air quality – Jessica Neu, JPL and Kelley Barsanti, UC Riverside
 - Aerosols, clouds and radiation – Yuk Yung, Caltech
 - Oil and gas emissions – Christian Frankenberg, Caltech
 - Carbon cycle and ecosystems – Dave Schimel, JPL
- Session ends

Day 2: Thursday, April 16, 2020 from 8:00 AM – 9:00 AM

- Welcome back – review of last meeting, overview of today - Jessica Neu, JPL
- What is needed for establishing COVID-19 Health and AQ connections? – Meredith Franklin, USC
- How can we advocate for observational efforts?
 - What is possible near-term from the NCAR/NSF perspective? - Britt Stephens, NCAR
 - What is possible near-term from the NASA perspective? - Barry Lefer, NASA and Ken Jucks, NASA
- Solicitation of individuals wanting to pitch collaborative/coordinated research ideas for Day 3
- Session ends

Day 3: Monday, April 20, 2020 from 8:00 AM – 9:00 AM

- Welcome back – review of last meeting, overview of today - Dave Schimel, JPL
- Hypotheses to test
- Individuals pitch their ideas to the community:
 - Carbon Cycle Responses - Dave Schimel, JPL
 - Activity data & methane from O&G - Eric Kort, Univ. Michigan
 - GHG/AQ Data Fusion for COVID-19 Studies in Los Angeles - Stan Sander, JPL
 - Global Air Quality - Kevin Bowman, JPL
 - Knock-on Effects of Reductions of Carbon Emissions from One Sector into Other Sectors - Josh Laughner, Caltech
 - Urban Air Quality - Kelley Barsanti, UC Riverside
 - Urban CO₂ emissions: inter-city comparison - Alex Turner, UC Berkeley
 - Urban Heat Island Effect on COVID-19 Transmission Rates - Glynn Hulley, JPL
 - Why did national progress on PM_{2.5} and ozone stop? - Bart Croes, California Energy Commission
- Session ends

Day 4: Tuesday, April 21, 2020 from 8:00 AM – 9:00 AM

- Introduction to Breakout Sessions – Michele Judd, Caltech
- Breakout Session #1
- Session ends

Day 5: Thursday, April 23, 2020 from 8:00 AM – 9:00 AM

- Introduction to Breakout Sessions – Michele Judd, Caltech
- Cloud-Enabled Science - Chelle Gentemann, Farallon Institute
- Breakout Session #2
- Session ends

Day 6: Tuesday, April 28, 2020 from 8:00 AM – 9:00 AM

- Introduction to Breakout Sessions – Michele Judd, Caltech
- Data Prioritization and Access - Josh Laughner, Caltech
- Breakout Session #3
- Session ends

Day 7: Thursday, April 30, 2020 from 8:00 AM – 9:00 AM

- Introduction to Breakout Sessions – Michele Judd, Caltech
- Research Plans and Scientific Appraisal of COVID in the Earth System - Dave Schimel, JPL
- Breakout Session #4
- Session ends

Day 8: Monday, May 4, 2020 from 8:00 AM – 9:00 AM

- Welcome – Tom Prince, Caltech
- Study context and overview to date – Jessica Neu, JPL
- Study team briefings –
 - Archive Ephemeral Data/Identify Hidden Connections – Josh Laughner, Caltech
 - Directly Observing Changes in Oil/Gas Emissions due to COVID-19 – Eric Kort, Univ. Michigan
 - L.A. Air Quality – Kelley Barsanti, UC Riverside
 - COVID-19 Impacts on Urban CO₂ Emissions: An Inter-City Comparison – Alex Turner, UC Berkeley
 - Global Air Quality Response to COVID-19 – Kevin Bowman, JPL
 - Emission-Driven Carbon Cycle Anomalies – Dave Schimel, JPL
 - Path Forward – Paul Wennberg, Caltech
- Session ends