Agenda TEMPO Validation Workshop

April 26 and 27, David Brower Center, Berkeley, CA

Workshop Goals

1) Identify validation strategies that will quickly find programming and other simple retrieval mistakes in the early days of TEMPO.
2) Summarize strategies for validation that were effective at challenging and then guiding improvements to retrieval assumptions/algorithms for previous related space-based instruments
3) Identify strategies for testing the SZA dependence of the retrieval. Which aspects of SZA variations have been tested with the current array of LEO instruments? What new aspects are to be evaluated?
4) Identify strategies for testing the novel high spatial resolution aspects of the retrieval.

Agenda

April 26

8:30 Coffee and light pastries available

9-11:30: Review algorithm status, key assumptions, and prior validation success stories.
11:30-noon: Discuss options for goal 1.

Noon-1:00 lunch will be provided

1:00-2:30 break out groups to address item 2 for NO2, H2CO and O3
2:45-3:15 report back
3:15-4:45 break out groups to address item 3 for the 3 molecules
4:45-5:30 report back, summarize, ...

Dinner on own

April 27

8:30 Coffee and light pastries available

9:00-10:30 break out groups to address item 4 for the 3 molecules
10:45-11:30 report back
11:30-12:30 Summarize, writing assignments and research questions for future work by the validation team

12:30 end meeting