

- 2nd Atmospheric Composition OSSE Workshop
 - To be hosted by ECMWF Nov 9-11, 2016
 - <http://atmosphere.copernicus.eu/events/second-workshop-atmospheric-composition-observation-system-simulation-experiments-osses>
- Prior to ACC-12 there was some discussion of initiating a new “Aerosol” focus activity within ACC.
 - Thoughts?
 - Potentially a very broad scope – how to make it tractable?



- Initiative within CEOS for “Non-meteorological applications for Next Generation Geostationary Satellites”
 - Focus on next-gen imagers, e.g. AHI (JAXA), AMI (KMA), ABI (NOAA), FY-4 (CMA), FCI (Eumetsat)
 - “GEO-ring” – meteorological agencies developing operational harmonized (i.e., constellation) products
 - 5-10 minute refresh rates may provide unprecedented wind data
- Potential opportunities for ACC?
 - Use of cloud products
 - Japan-Australia starting pilot project on Aerosol Height Index
 - Fire hot-spots and aerosol/haze is another potential topic



- Next meeting (AC-VC-13) date, location
 - Typically meet annually in spring/summer/fall
 - Ideas so far have included meeting alongside CGMS-45 (June 2017, Korea), IWGGMS-13 (6-8 June 2017, Helsinki, Finland), COSPAR Assembly (June 2018, Pasadena, USA)
 - Suggestions for 2017: Paris (CNES), Helsinki (FMI), Mexico City, somewhere in USA, Frascati, ...
 - Targeting June 2017

- AC-VC-12 : Seoul, Korea | October, 2016
- AC-VC-11 : Frascati, Italy | April, 2015
- AC-VC-10 : College Park, Maryland, USA | June, 2014
- AC-VC-9 : Darmstadt, Germany | April, 2013
- AC-VC-8 : Columbia, Maryland, USA | April, 2012
- AC-VC-7 : Columbia, Maryland, USA | June, 2011
- AC-VC-6 : Oxford, UK | September, 2010
- AC-VC-5 : Montreal, Canada | March, 2010
- AC-VC-4 : Frascati, Italy | June, 2009
- AC-VC-3 : New York, NY, USA | October, 2008

- First AC-VC meeting ever convened outside Europe or North America – wonderful participation and broad representation
- Air Quality Constellation
 - Launch date of S5P eagerly anticipated
 - Welcomed first participation by Chinese colleagues, agreed to embrace GaoFen-5 in AQ VC
 - Geophysical validation needs document on track, held working session
 - Ongoing data content discussion needed for AQ VC harmonization
- Ozone Trends
 - Total Ozone: On schedule to provide gridded data sets from US and European sensors and a comparison paper
 - Nadir Ozone Profiles: Interact with the "SI2N follow-up" initiative to assess the need of complementary work in CEOS AC-VC
 - Tropospheric Ozone: Start comparisons of tropical tropospheric gridded ozone from US and European sensors



- Greenhouse Gas
 - Proto GHG VC coming into existence approximately end of decade (several passive sensors and 1 active sensor)
 - Concern regarding continuity of robust validation network
 - Endorse open data exchange policy with Chinese missions
 - Continue AC-VC/CEOS/CGMS coordination. Constellation requirements definition has strong dependence on target user communities.
 - High value in GHG process understanding, which requires multi-disciplinary constellation activities e.g. AQ, moisture, vegetation.
- Many thanks to our warm and gracious hosts, NIER and Yonsei University
- Especially to professor Jhoon Kim and his wonderful students for showing us the warmth and hospitality of Korea!