ACC-12 Other Business

• 2nd Atmospheric Composition OSSE Workshop
  o To be hosted by ECMWF Nov 9-11, 2016

• Prior to ACC-12 there was some discussion of initiating a new “Aerosol” focus activity within ACC.
  o Thoughts?
  o Potentially a very broad scope – how to make it tractable?
ACC-12 Other Business

• Initiative within CEOS for “Non-meteorological applications for Next Generation Geostationary Satellites”
  o Focus on next-gen imagers, e.g. AHI (JAXA), AMI (KMA), ABI (NOAA), FY-4 (CMA), FCI (Eumetsat)
  o “GEO-ring” – meteorological agencies developing operational harmonized (i.e., constellation) products
  o 5-10 minute refresh rates may provide unprecedented wind data

• Potential opportunities for ACC?
  o Use of cloud products
  o Japan-Australia starting pilot project on Aerosol Height Index
  o Fire hot-spots and aerosol/haze is another potential topic
ACC-12 Other Business

- 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
• First AC-VC meeting ever convened outside Europe or North America – wonderful participation and broad representation

• Air Quality Constellation
  o Launch date of S5P eagerly anticipated
  o Welcomed first participation by Chinese colleagues, agreed to embrace GaoFen-5 in AQ VC
  o Geophysical validation needs document on track, held working session
  o Ongoing data content discussion needed for AQ VC harmonization

• Ozone Trends
  o Total Ozone: On schedule to provide gridded data sets from US and European sensors and a comparison paper
  o Nadir Ozone Profiles: Interact with the "SI2N follow-up" initiative to assess the need of complementary work in CEOS AC-VC
  o Tropospheric Ozone: Start comparisons of tropical tropospheric gridded ozone from US and European sensors
• **Greenhouse Gas**
  o Proto GHG VC coming into existence approximately end of decade (several passive sensors and 1 active sensor)
  o Concern regarding continuity of robust validation network
  o Endorse open data exchange policy with Chinese missions
  o Continue AC-VC/CEOS/CGMS coordination. Constellation requirements definition has strong dependence on target user communities.
  o High value in GHG process understanding, which requires multi-disciplinary constellation activities e.g. AQ, moisture, vegetation.

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