ATMOS Discussion Day 3

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ATMOS 2024 AQ Day

- Given the context of the studies shown in today's presentations, what can ESA do to help consolidate and enhance on-going work
- Further enhances synergies with models to improve understanding of trans-boundary pollution?
- By ATMOS 2027, numerous AQ sensitive missions will be in orbit (e.g. Sentinel-4 & 5), what can ESA to do help the Atmospheric Sciences communities to prepare for the data and undertaking scientific activities.
- How can ESA leverage advanced technologies and techniques e.g. cloud computing, AI/ML, synergistic use of instruments to further enhance retrievals and products
- What new scientific studies were missing from today's agenda, and what new studies should ESA support, are there any low hanging fruit for trace gases that we have not yet targeted?
- Studies to separate AQ types, e.g. marine AQ scenarios, desert AQ, urban AQ, more focus on wildfires?