**PQAO Training 2019**

**Subcommittee 5: Databases, Emerging Technologies, and Project Updates**

* Databases
  + AQMIS, iADAM, and AQS as tools to help station operators in their data management activities (e.g. to help evaluate data)
    - AirNow as a real-time agency tool to help evaluate data
      * Data audits: Set up a simple query for all the sites you are responsible for and have it show the hourly data for a specified timeframe
      * Review and see trends, anomalies, etc.
      * Possible hands-on activity where we have laptops available and we can walk through with districts how to do this process and sign them up for AirNow if they’re not already
    - Automatic filter placed in AirNow that districts may not be aware of and how to remove those filters if they want
  + STI: do what they would do during a webinar
* Emerging Technologies
  + Teledyne API T640
  + Met One E-BAM Plus
  + Met One BC 1054
  + Teledyne API 602
  + New instrument issues
    - Considerations when purchasing new equipment (SOPs, acceptance criteria, training, standards lab etc.)
  + Auto GCs
    - Preliminary results/evaluations
* Project Updates
  + South Coast’s use of FluxSense, used to determine whether or not emissions data are accurate
  + CARB’s purchase and use of an airpointer, an all-in-one unit to validate some of the AB617 monitoring campaigns
  + Various CARB monitoring campaigns
    - The Board will decide in September which monitoring campaigns are undertaken for 2018/2019
  + Update on wildfire smoke and how our networks are all interacting together to help inform the public
  + Analysis of Purple Air sensors