**Regional Technical Operations Workgroup (RTOWG)**

**Monthly Call – Tuesday, Aug. 6, 2019**

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| Arlene Fiore | Columbia Univ. and HAQAST |
| Bob Kotchenruther | EPA Region 10 |
| Brandon McGuire | MT DEQ |
| Gail Tonnesen | EPA Region 8 |
| Jeremy Avise | CARB |
| Ken Rairigh | WY DEQ |
| Kevin Briggs | CO APCD |
| Kirk Baker | EPA OAQPS |
| Mark Jones | NM AQB |
| Phil Allen | OR DEQ |
| Rene Nsanzineza | AZ DEQ |
| Rong Li | ID DEQ |
| Scott Speckart | NV AQB |
| Shawn McClure | CIRA-IWDW/TSS2 |
| Ted Friesner | CIRA-IWDW/TSS2 |
| Tim Allen | FWS |
| Tom Moore | WRAP |
| Dee Huff | Alaska |
| Dale Wells | Colorado |
| Leonardo Ramirez | CARB |
| Farren Herron-Thorpe | Washington |
| David ??? | North Dakota |
| Mark Hixson | CARB |
| Ou Nopmongcol | Ramboll |

Mike Barna updated on global modeling white paper:

* Aim is to 1) provide some context to states on the role of global models in defining boundary conditions, and 2) how to interpret results.
* Paper will discuss GEOS-Chem, H-CMAQ, original “fixed” boundary conditions
* Arlene can provide comments

Gail Tonnesen reviewed phase 2 modeling status:

* Some delay in starting this simulation, primarily due to emissions processing.
* Will request that Ramboll reports on upcoming GEOS-Chem runs (natural conditions and international contribution), for RTOWG September call.
* In previous call to RHPWG, lots of questions on potential control strategies for 2028 inventory.

Ou Nopmongcol (Ramboll) presented “Alaska Visibility Analysis”:

* Two simulations for 2016 using GEOS-Chem
* base case emissions
* ZROW (“zero out rest of world” emissions)
* Develop glide paths using EPA’s SMAT/MATS
* Estimate new glide paths at 4 sites in AK
* Kirk – AK modeling, 2016 now includes HI and AK, modeled at 9 & 27km, end of calendar year, give presentation for results

Tom Moore discussed upcoming IWDW modeling tools/data webinar for September:

* Model performance evaluation for phase 2
* “farm out” MPE to states, so they can take an in-depth look at sites of interest
* 2-2.5 hour webinar

Next RTOWG call scheduled for Tuesday, September 10.