

Aura Science Meeting 2009

Agenda Climate Working group meeting

Including the Clouds, Aerosol and SO₂ Working group meeting

Monday 14 September 2009

Agenda (version 28 July 2009)

Organisers: Hui Su (NASA-JPL) and Joanna Joiner (NASA-GSFC)

Dear colleagues,

We would like to call your attention to the first meeting of the new "Climate Working Group" at the upcoming Aura Science Team Meeting in September. This group will discuss the various applications of Aura data in climate research. In particular, we will focus on improving the Aura products, including making them more user-friendly for the climate research community. Note that the relevant sections from the clouds, aerosol and SO₂ working group have now been incorporated in the climate and air quality working group.

Setup

Our first meeting will be organized around five Aura products: tropospheric ozone, water isotopes, water vapor, aerosols, and clouds. In order to stimulate discussion, we will have 1 or 2 invited speakers to give an overview of current research and future plans for each of these, with a focus on product development (including combining information from different A-train sensors). The overview talks will be about 10-12 minutes, followed by discussions of 8-10 minutes. At the start of the meeting, Hui Su will briefly describe the project that she and Jonathan Jiang have worked on at JPL to develop composite observational data metrics (mainly from satellites) for climate model evaluations.

The invited speakers for the five types of products are:

Tropospheric ozone (focused on radiative effects): Helen Worden (NCAR)

Water isotopes: John Worden (JPL)

Aerosols: Steve Massie (NCAR) and Omar Torres (Hampton University)

Clouds: Jonathan Jiang (JPL)

Water vapor: Bill Read (JPL)
(Nathaniel Livesey will give the talk as Bill will be at the SPARC water vapor assessment meeting)

We warmly welcome all of your inputs and participation to make this first group meeting fruitful. If anyone has suggestions or would like their work to be discussed, please feel free to contact us and/or the relevant invited speaker.

We hope to see you all at the Climate Working Group discussions.

Cheers,

Joanna and Hui

Joanna Joiner (Joanna.Joiner@nasa.gov) - (NASA GSFC)

Hui Su (Hui.Su@jpl.nasa.gov) - (NASA JPL)