

McIDAS Advisory Committee (MAC) Sponsored: Group Discussion

Joleen Feltz

McIDAS Advisory Committee Chair from 2013-2015

Cooperative Institute for Meteorological Satellite Studies/Space Science and
Engineering Center/UW-Madison

Reflective Questions--MAC Open Discussion: Today at 3:15-3:45

- **How does your site use the McIDAS Suite? Is it primarily to get data, to visualize meteorological information easily, or to supplement other software**
- **Does the McIDAS Suite work well for you purposes?**
- **How could it perform better?**

McIDAS Advisory Committee

- **Active Members 2014-2016:**
 - Joleen Feltz, **Chair** (CIMSS)
 - Mat Gunshor (CIMSS)
 - Don Hillger (CIRA)
 - Dave Watson (CIRA)
 - Peter Miu (EUMETSAT)
 - Kristopher Bedka (NASA LaRC)
 - Gregg Gallina, Jessica Braun → Matt Seybold (NOAA)
 - Tom Yoksas (Unidata)

McIDAS Advisory Committee

- **Planned Membership for 2016-2017:**
 - Joleen Feltz (CIMSS), Jason Taylor (NOAA), **Co-chairs**
 - Second NOAA official representative to be determined by NOAA
 - Mat Gunshor (CIMSS)
 - Don Hillger (CIRA)
 - Dave Watson (CIRA)
 - Peter Miu (EUMETSAT)
 - Kristopher Bedka (NASA LaRC)
 - Matt Seybold (NOAA)
 - Tom Yoksas (Unidata)

The MAC needs your input!

- If your MUG site is not represented, contact the chair directly with concerns: joleen.feltz@ssec.wisc.edu
- McIDAS Advisory Committee has been sending short meeting summaries via the MUG mailing list
 - ☑ The MAC is purely advisory. Final program direction is determined by McIDAS Administration
 - ☑ MAC email messages cover topics discussed at MAC meetings. Questions should always be sent MUG Help Desk.

MAC Discussions 2014-2015

(Software Development/Information)

- Progressive Resolution Demonstration and input for development in McIDAS-V. (Now Adaptive Resolution). Discussion of memory management improvements in the IDV system
- Adaptive Resolution is in McIDAS-V 1.5 release. The memory management improvements are also included

MAC Discussions 2014-2015

(Software Development/Information)

- Port blockages (Have been/are being addressed by programming teams)
- A new framework for ADDE (Data Transfer Model) that provides traditional ADDE data and capabilities outside of the McIDAS environment (NextGen ADDE discussed by Dave Santek during McIDAS-X Demonstration)

MAC Discussions 2014-2015 (Data Concerns)

- TAC to BUFR Migration: More information at ECMWF
<https://software.ecmwf.int/wiki/display/TCBUF/ECMWF>
- HRIT-4 Display in McIDAS-X/McIDAS-V (resolved)
- GOES-R Servers: Expected dates for completion, data formats, size, archive

MAC Discussions 2014-2015

(Data Concerns)

- Himawari-8 – SSEC is acquiring data from NOAA-STAR and are distributing via ADDE.
- INSAT 3D servers (Finished but there is a planned transition from look-up table to new equations, when new equations are available)
- McIDAS-V development especially with respect to sensors like CALIPSO and CLOUDSAT (HYDRA enhancements)

Anticipated Topics 2015-2017

- GOES-R – Servers ready for testing before launch (using DOE test data)
- ADDE – If McIDAS is being used to access data, then there should be interest in this topic
- McIDAS-X – Support expected beyond 2020 (for current GOES GVAR and upcoming GOES-R series)
- Documentation

Possible Open Discussion Topics

- GOES-R (What do you need from the McIDAS Suite?)
- Documentation/Training – Specific documentation or training needs which are not covered?
- GIS? What type of data integration do you envision?