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?