The purpose of this survey is to get a more accurate picture of the High Rate Information Transmission/Emergency Managers Weather Information Network (HRIT/EMWIN) Users' capability footprint and what sources are being utilized to retrieve their environmental data.  A key benefit of collecting this information will be NESDIS/ OSPO's increased ability to assist in protecting our User's uninterrupted access to critical weather information.

## Paperwork Reduction Act:

1. What type of organization are you representing?
   a. US Government (non-military federal, state and local)
   b. Private/Commericial
   c. Academic/Research
   d. US Military
   e. International Government (non-military government)
   f. International Military
   g. Hobbyist
   h. Other
2. Please select the types of operations your organization supports with HRIT/EMWIN data. Select all that apply.
   a. Academic education
   b. Agricultural and Forestry Land Use Management and Assessment
   c. Applied Research and Development
   d. Aviation Operations
   e. Biological/Ecological Assessment
   f. Broadcast and Print Media (including displaying information on website)
   g. Commercial Value-added products, services or equipment
   h. Data Collection (ie: Meteorological, Hydrological, Seismology, etc....)
   i. Disaster recovery
   j. Energy Industries and Markets
   k. Environmental Modeling and Assimilation
   l. General logistic and facilities operations
   m. Government Defense Sector Facilities, Operations and Logistics Management

n. Government Facilities, Operations and Logistics Management
o. Incident Management (Fire, Natural Disaster, Homeland Security, ....)
p. Land Transportation Operations
q. Leisure and Travel
r. Maritime Operations
s. Military Operations
t. Power (ex: electrical generation and distribution)
u. Private Sector Facilities, Operations and Logistics Management
v. Public Safety and Emergency Response
w. Skywarn spotter
x. Other

3. Please select your primary path for accessing GOES-R series data
   a. GOES Rebroadcast (GRB)
   b. DCS Direct Readout Receiving Station (DRGS)
   c. High Rate Information Transmission (HRIT)/Emergency Managers Weather Information Network (EMWIN)
   d. GEONETCAST Americas (GNC-A)
   e. Advanced Weather Interactive Processing System (AWIPS) Satellite Broadcast Network (SBN)/NOAAPort
   f. Terrestrial Internet (including DCS DADDS, LRGS, EMWIN FTP, NWWS IO etc....)
   g. Cloud Provider (Amazon, Google, etc)
   h. Comprehensive Large Array-data Stewardship System (CLASS)
   i. Other

4. Please select your secondary path for accessing GOES-R series data
   a. GRB
   b. DCS DRGS
   c. HRIT/EMWIN
   d. GEONETCAST Americas (GNC-A)
   e. AWIPS SBN/NOAAPort
   f. Terrestrial Internet (including DCS DADDS, LRGS, EMWIN FTP, NWWS IO etc....)
   g. Cloud Provider (Amazon, Google, etc)
   h. Comprehensive Large Array-data Stewardship System (CLASS)
   i. No secondary path
   j. Other

5. Please select your tertiary path for accessing GOES-R series data
   a. GRB
   b. DCS DRGS
   c. HRIT/EMWIN
   d. GEONETCAST Americas (GNC-A)
   e. AWIPS SBN/NOAAPort
   f. Terrestrial Internet (including DCS DADDS, LRGS, EMWIN FTP, NWWS IO etc....)
   g. Cloud Provider (Amazon, Google, etc)
   h. Comprehensive Large Array-data Stewardship System (CLASS)
   i. No tertiary path
   j. Other

6. What HRIT broadcast group product do you use operationally for decision making?
    a. Emergency Managers Weather Information Network (VCID's 20-22)
    b. Data Collection Service (VCID 32)
    c. Imagery (VCID's 1-17, 24, 25, 60)
7. Does your organization use other satellite missions outside of the available satellite broadcasts that contain GOES-R series data to support your organization?
    a. Other_____
8. If you use terrestrial (internet) data in support of the HRIT/EMWIN broadcast, does your organization have constraints in using the internet?
    a. Yes
    b. No
9. Do you anticipate use of cloud processing services in the future?
    a. Yes
    b. No
10. How many downstream users do you have that are either receiving services or products that are generated from the HRIT/EMWIN data?
    a. <10
    b. >10
    c. None
11. Please describe the types of users you support.
12. Are there any formal requirements from your organization on the timeliness and availability of HRIT/EMWIN products in regards to product development and decision-making?
    a. Yes, please list_____
    b. No
13. What is the maximum total duration of an HRIT/EMWIN product outage over a 30 day period that your organization can sustain without significant impacts to your operations and/or customers? Availability can be specified for a 30 day period. Outage periods can be associated with availability over a 30 day-period.
    a. 1 minute
    b. 5 minutes
    c. 15 minutes
    d. 30 minutes
    e. 1 hour
    f. 3 hours
    g. 6 hours
    h. 12 hours
    i. 36 hours
    j. 48 hours
    k. None
    l. Other
14. Please add any further information you would like to share with NOAA about your future plans and vision for GOES-R series data usage via the HRIT/EMWIN broadcast.