

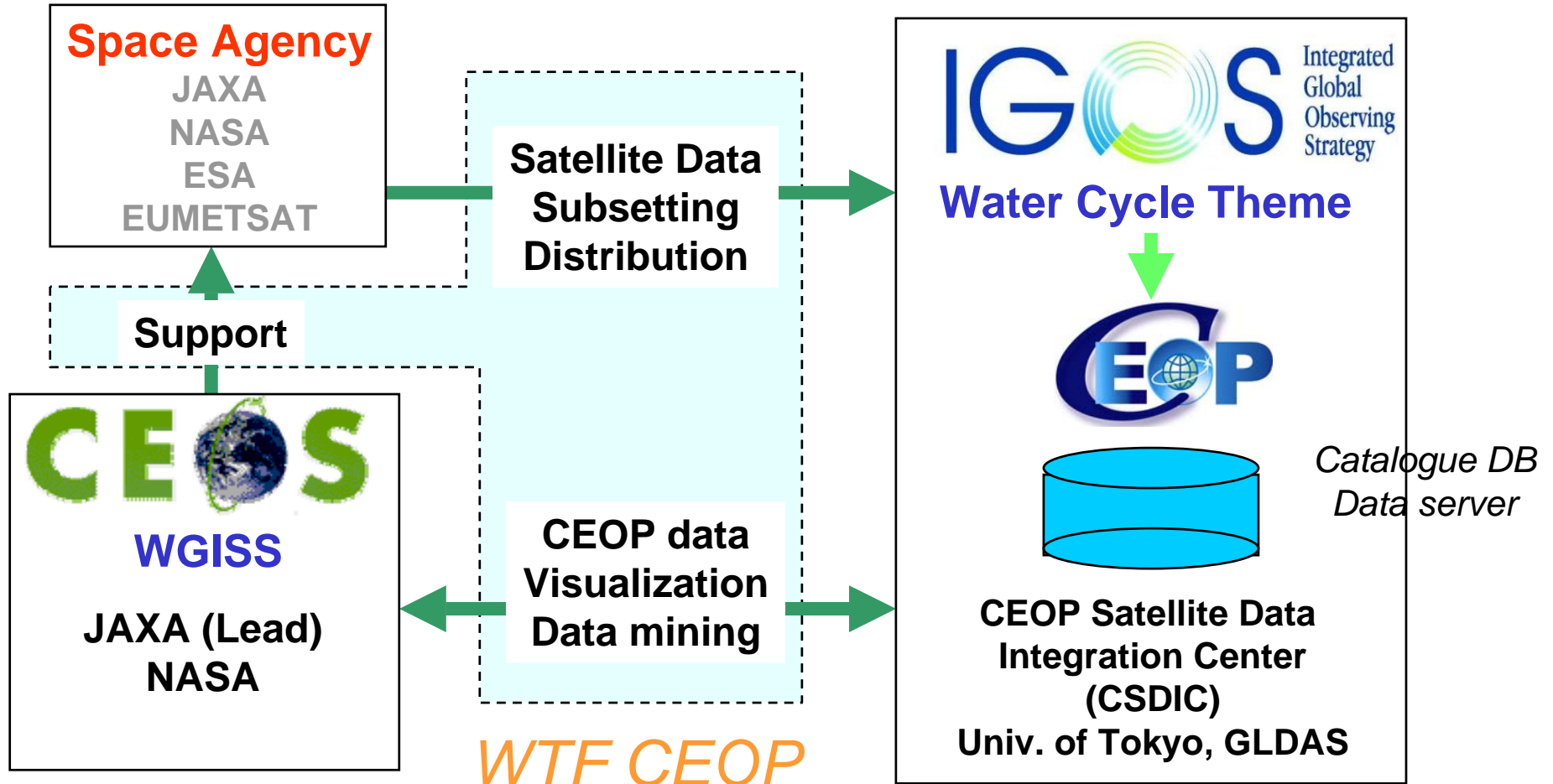
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# **WTF-CEOP (WGISS Test Facility)**

**March 3, 2005**

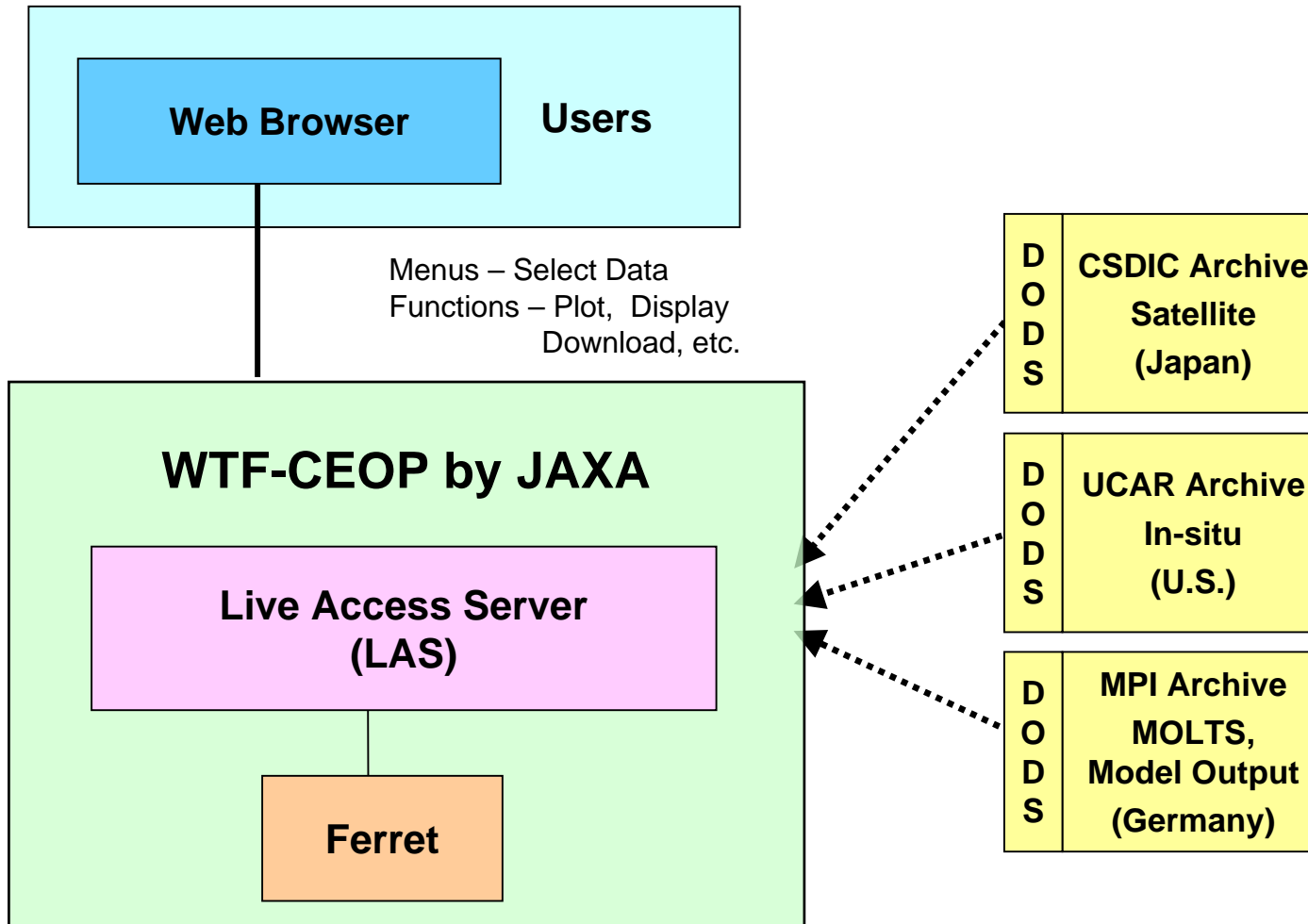
**Osamu Ochiai - JAXA**

**Ben Burford - JAXA/RESTEC**



*WTF CEOP  
(WGISS Test Facility)*

## - JAXA Prototype -





**Operational satellite**

GOES, GMS, METEOSAT  
NOAA, DMSP, FY-1C

**Atmospheric Heating**

AIRS, HIRS,  
AMSU-A/B

**Cloud micro physics**

MODIS, GLI, CERES,  
AIRS, HIRS, AMSU-A/B, HSB

**Diurnal Cycle**

TRMM, TERRA/ADEOS-II + AQUA

**Heat & Moisture Fluxes**

**Precipitation**

PR, TMI, AMSR, AMSRE

AMSR, AMSRE  
MODIS, GLI

**Snow**

**Dry**

**River discharge**

**Vegetation**

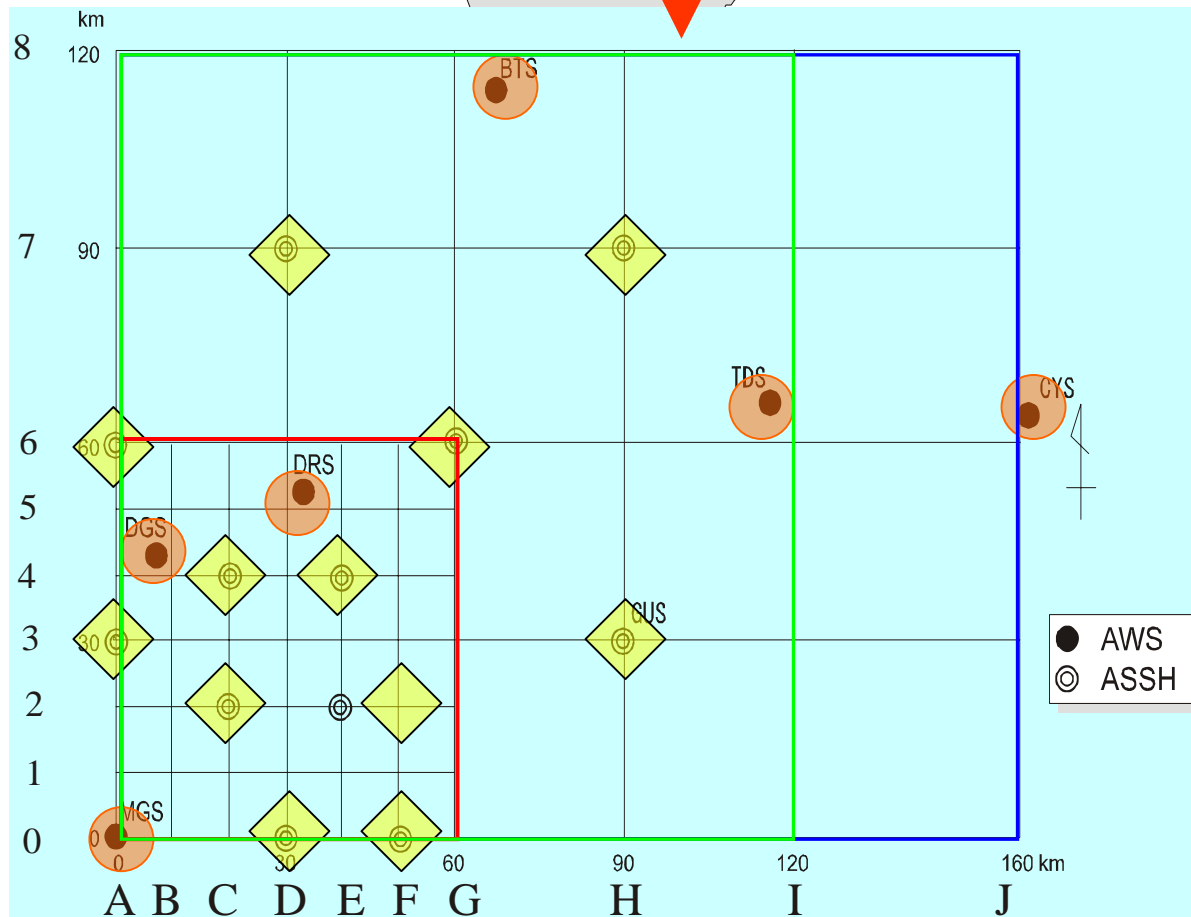
TMI  
AMSR, AMSRE  
MODIS, GLI, ETM, ASTER

**Wet**

**Sub-grid scale heterogeneity:**

MODIS/GLI + ASTER/ETM  
AMSR/AMSRE/TMI + ASAR/PALSAR

First global datasets of the **Entire Water Cycle** by Integrating the New Generation Satellite Products



AMSR Data (6.9 GHz, 18.7 GHz, 36.5 GHz)

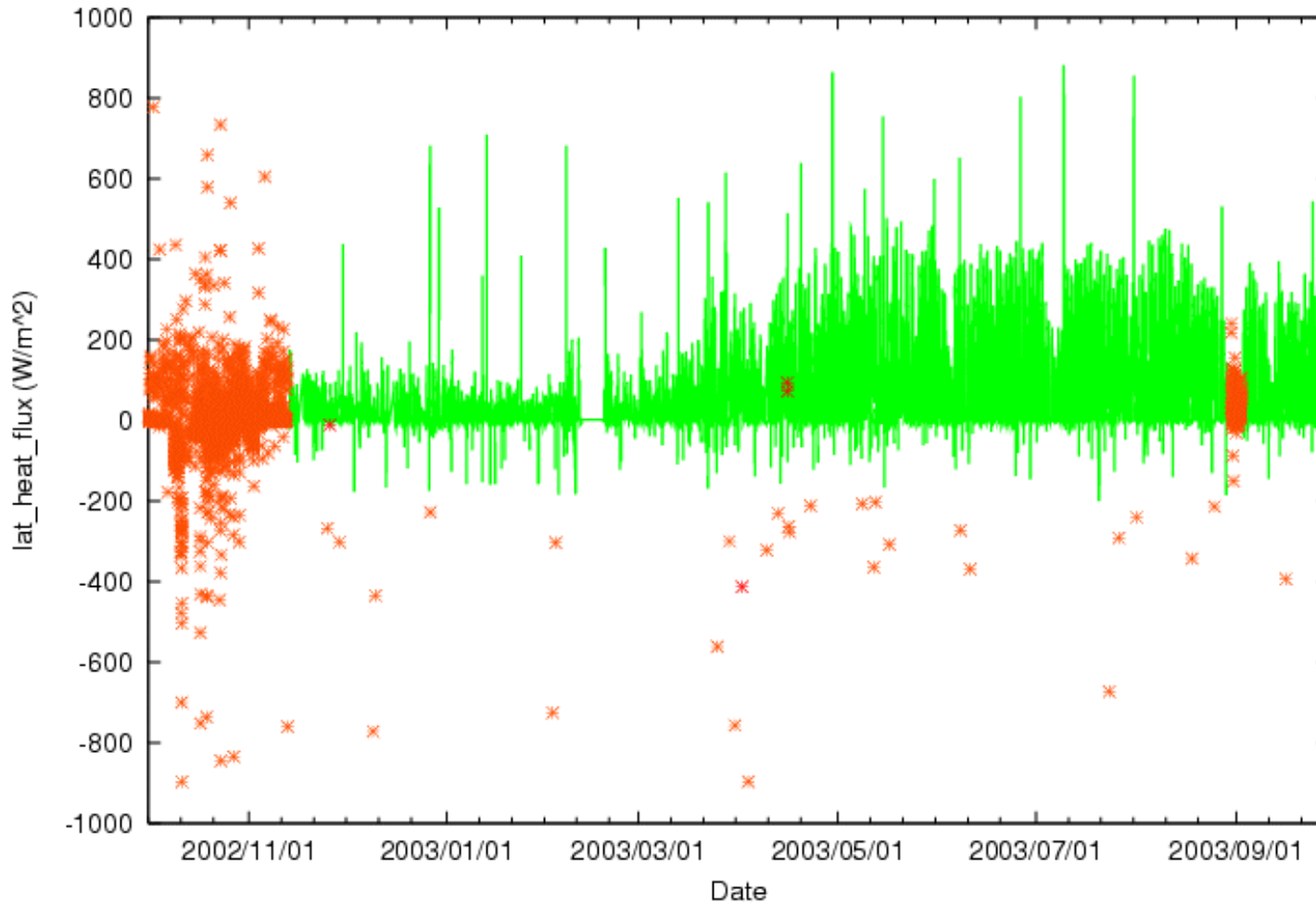
Soil Moisture Data (In-situ)

**AWS - Automated Weather Station (6)**

**ASSH - Automated Station for Soil Hydrology (12)**

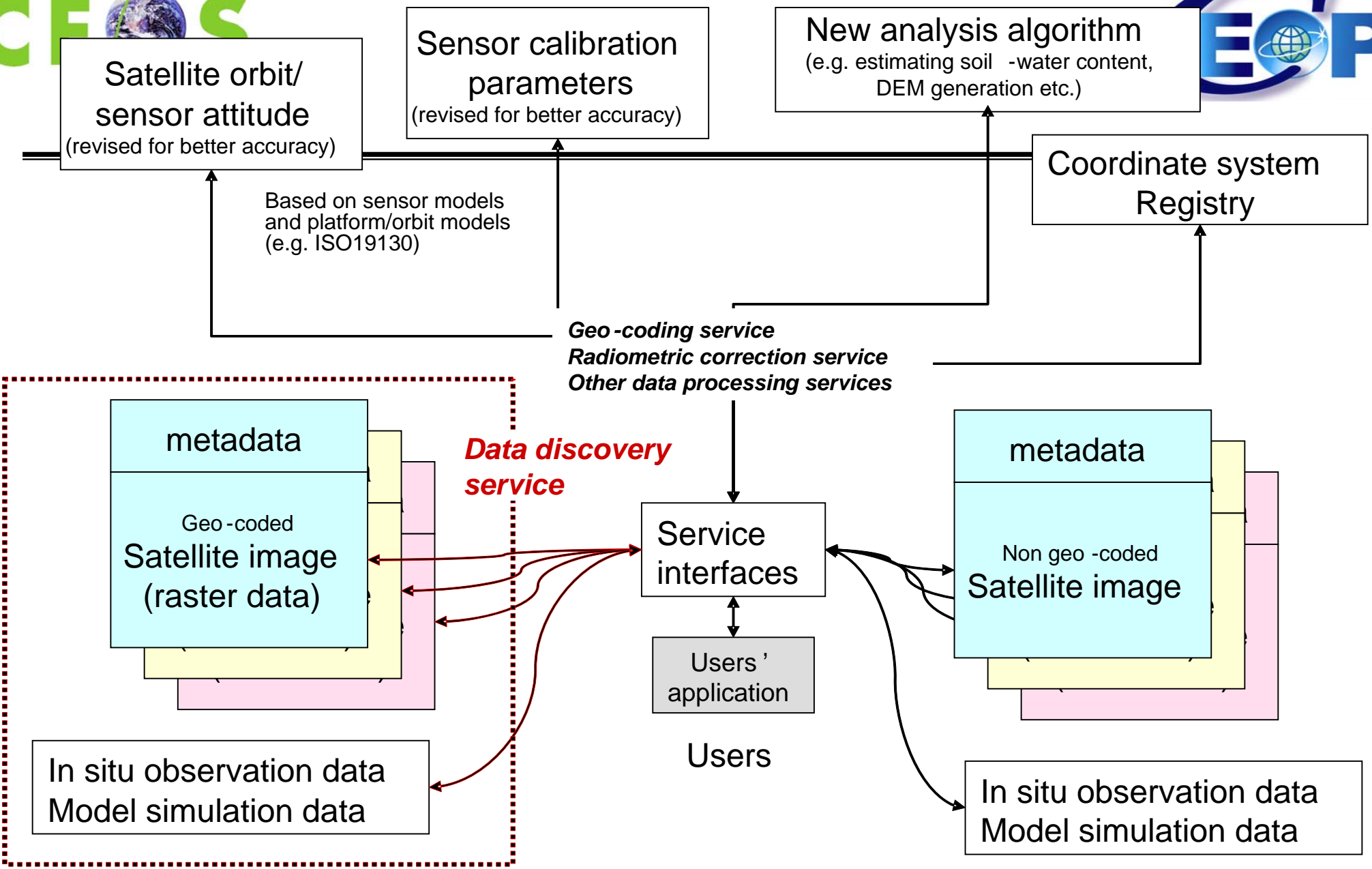
# Plot of QC Flags

CEOP GAPP lat\_heat\_flux Station E18\_Morris Height -999.99



## Legend:

- Good data (G)
- Missing data (M)
- x Bad Data (B)
- Unchecked (U)
- Interpolated (I)
- Exceeds (C)
- Questionable (Q)



CEOP data