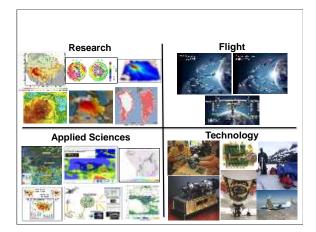
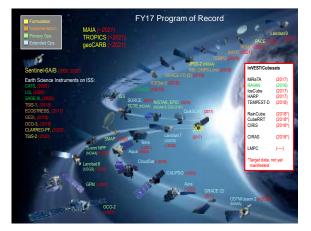


Mayl 4, 2017

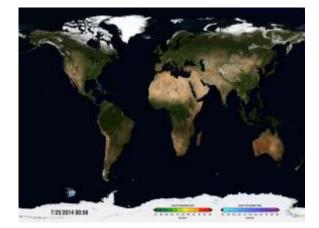






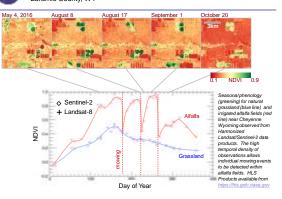




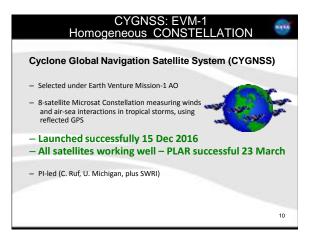


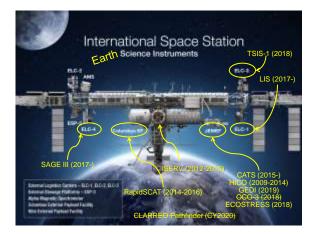


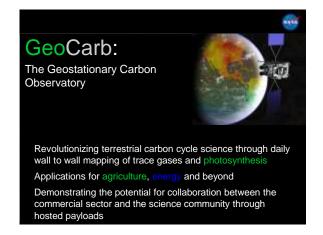
Harmonized Landsat / Sentinel-2 Products Laramie County, WY



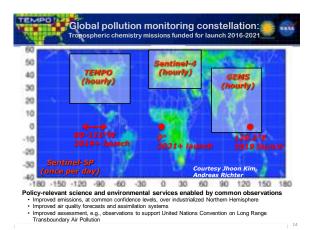








The GeoCarb Mission: Measuring Carbon Trace Gases and Vegetation Health from Space		
	Principal Investigato Technology Developme Host S/C & Mission (Lockheed Martin Advanced Tech. Center SES Government Solutions
	Instrument	Single slit, 4-Channel IR Scanning Littrow Spectrometer
And in case of the local division of the loc	Bands	0.76m, 1.61m, 2.06m and 2.32m
	Gases	O2, CO2, CO, CH4 & Solar Induced Fluorescence
	Mass	138 kg (CBE)
	Dimensions	1.3 m x 1.14 m x 1.3 m
	Power	128W (CBE)
	Data Rate	10 Mbps
	Daily Soundings	-10,000,000 soundings per day; CONUS > once/day 5-10 km spatial resolution



2017 EARTH SCIENCE & APPLICATIONS DECADAL SURVEY

The Decadal Survey remains on track for completion in late December, 2017

- Addresses NASA, NOAA, and USGS
- Likely to recommend science priorities rather than named missions with specific capabilities
- Anticipate NASA road-mapping studies for several years to define the realistic resulting mission suite and partnerships







15





10.00

a, at 2:48 p.m. EDI

Elipse 2017 ECLIPSE ACROSS AMERICA

OBSERVING EARTH DURING THE ECLIPSE



- NOAA's Deep Space Climate Observatory (DSCOVR) will collect images every 15 minutes and provide them within the next 1-2 days at http://epic.gsfc.nasa.gov
- By late June 2017, the International Space Station will know if it is in a position to observe the moon's umbral, or inner, shadow during the eclipse on August 21, 2017.
- TERRA, AQUA, SNPP, LANDSAT 7 & 8 may also see the moon's shadow if they pass over the U.S. at the right time



2017 ECLIPSE ACROSS AMERICA