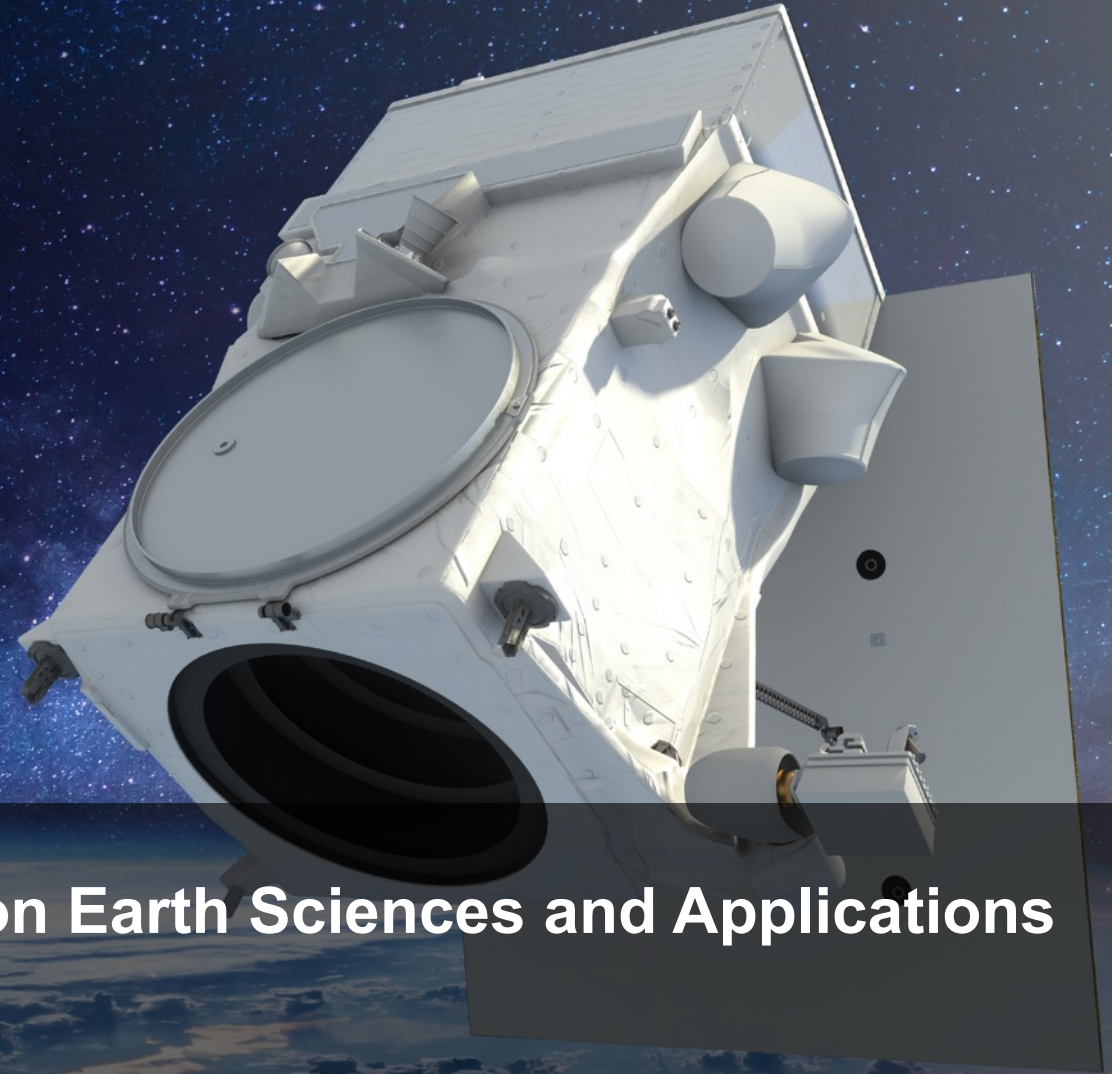


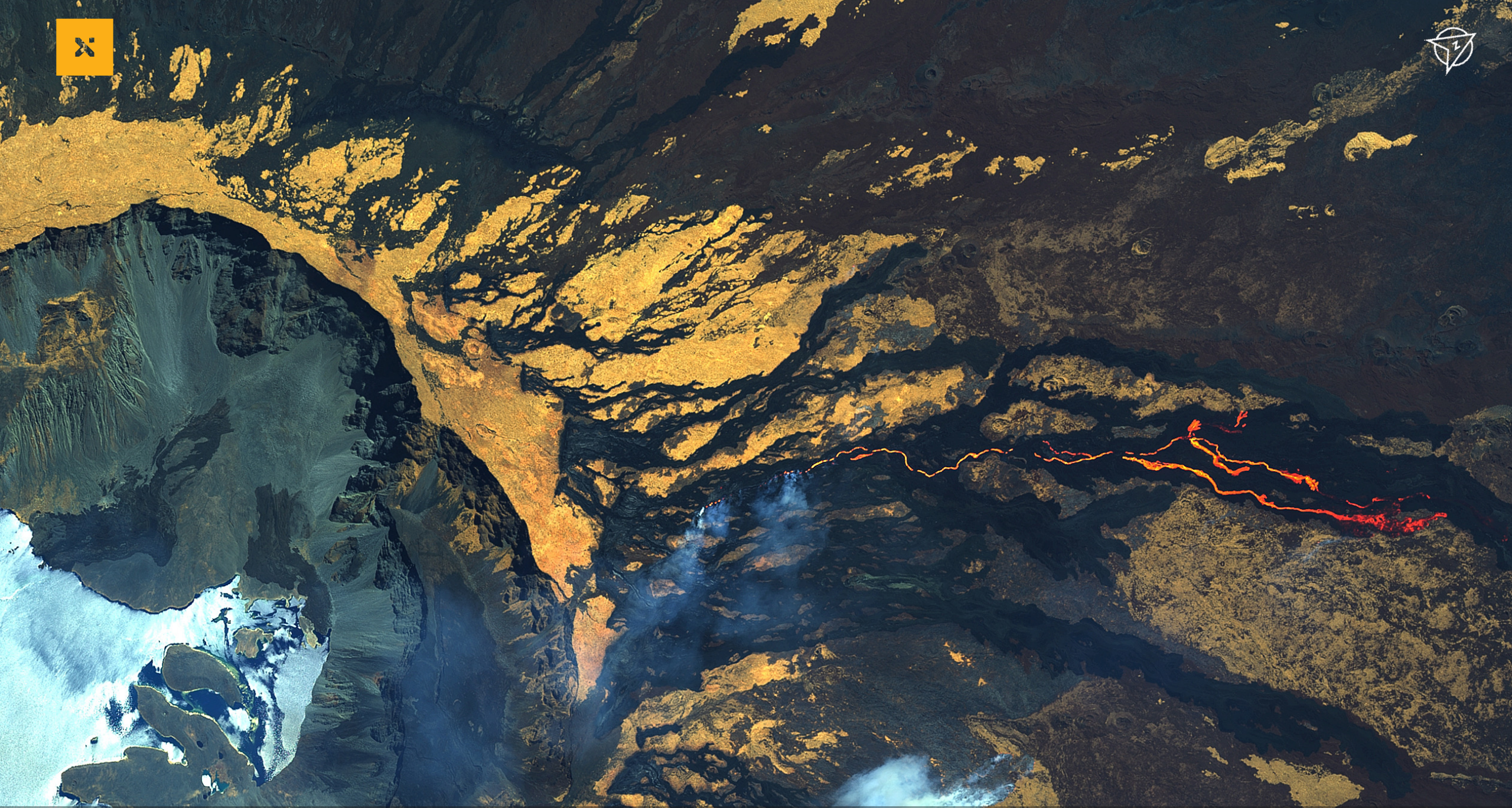


Maxar Overview – Committee on Earth Sciences and Applications

March 2024

Prepared by: Andrew.Canales@maxar.com

MAXAR



Active Lava Flows on Fernandina Island Volcano | Galapagos Islands, Ecuador | March 6, 2024 | WorldView-3 Color Infrared Image | Location: [-0.413, -91.493](#)



Maxar - Providing advanced capabilities across Earth and Space

Maxar Intelligence



GEOSPATIAL FOUNDATION

Highest quality satellite imagery, basemaps and 3D data over any location on Earth



PRECISION MAPPING

Accurate, up-to-date datasets to create high-quality maps



ON-DEMAND INTELLIGENCE

Industry-leading technology, data and expertise to solve the most complex geospatial challenges



SATELLITE ACCESS

Direct collection requests and access to Maxar's imaging satellite constellation

Maxar Space



SPACECRAFT

Satellites and spacecraft for communications, Earth observation, space exploration and other missions



SUBSYSTEMS

Spacecraft components, such as solar arrays and solar electric propulsion



SPACE ROBOTICS

Nimble robotics for on-orbit servicing and space exploration

Maxar Services

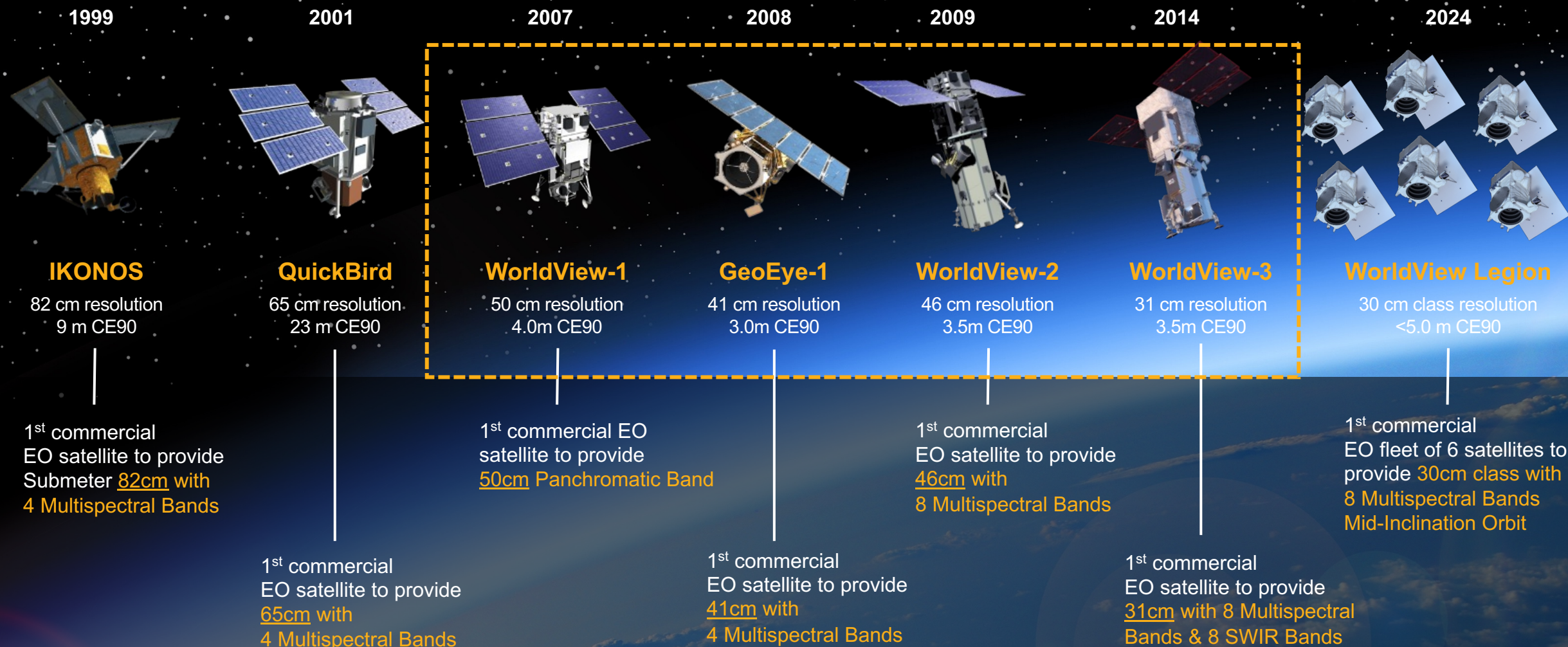


GEOSPATIAL SERVICES

Insights from machine learning and our team of geospatial expert analysts



Maxar is a proven leader in Earth imaging Satellites

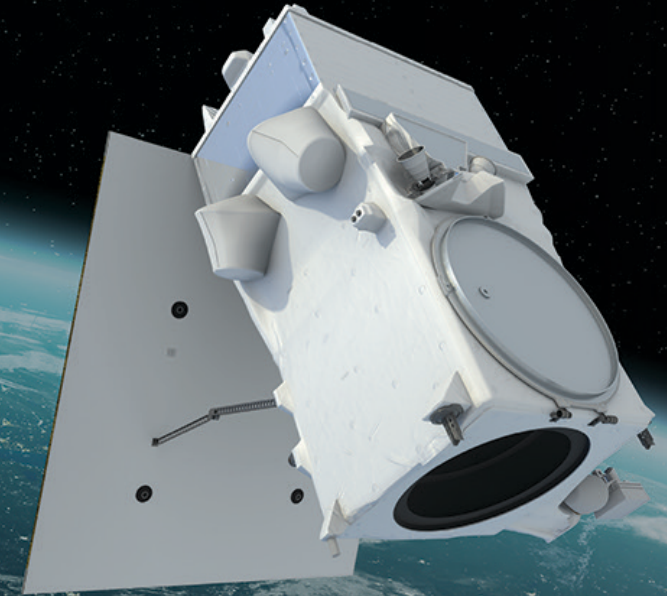




Our next-generation imaging satellites

WorldView Legion™ is a fleet of six high-performing satellites that dramatically expands our ability to revisit the most rapidly changing areas on Earth to better inform critical, time-sensitive decisions.

- Will enable up to 15 revisits per day
- Triples Maxar's capacity to collect 30 cm-class imagery
- Triples our overall capacity over high-demand areas
- Highest image quality and geometric accuracy available
- Simultaneous tasking, image and downlink with customer ground stations
- Compatible with global infrastructure and access programs for Maxar customers

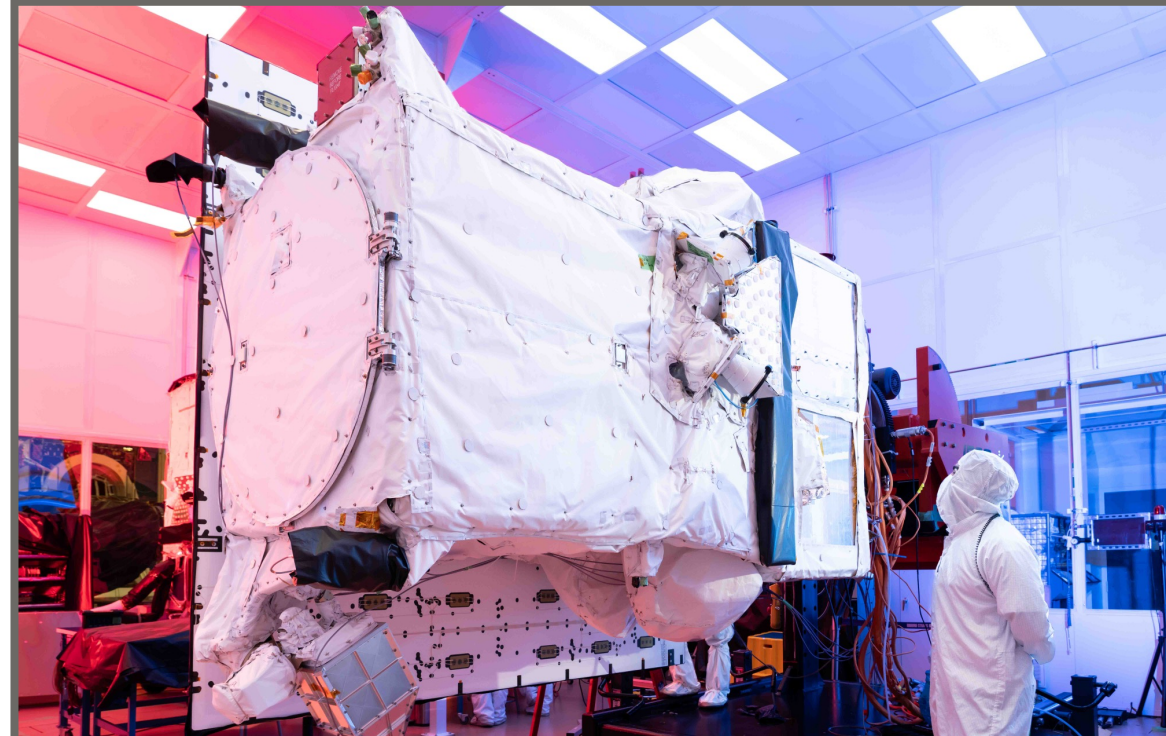




Preparing for launch

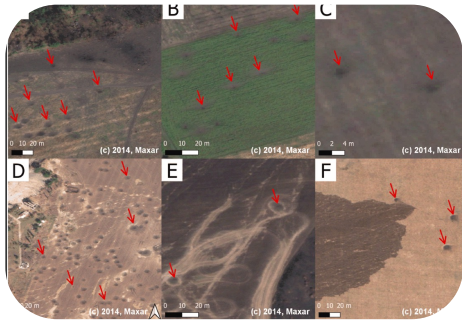
Announcement on March 18, 2024:

- First two WorldView Legion satellites arrived at Vandenberg Space Force Base in California
- Preparing for an April launch aboard a SpaceX Falcon 9 rocket

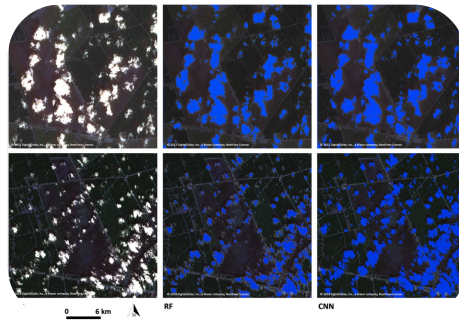




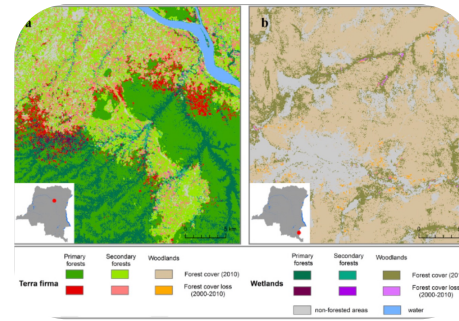
Maxar satellite imagery supports numerous earth science research publications



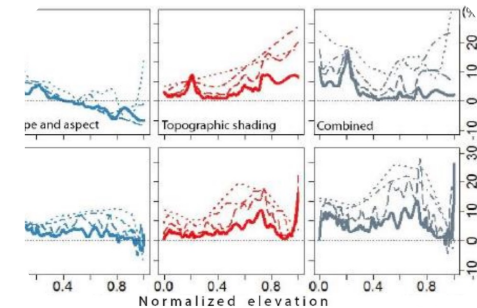
Detection and mapping of artillery craters with very high spatial resolution satellite imagery and deep learning



Optimizing WorldView-2, -3 cloud masking using machine learning approaches

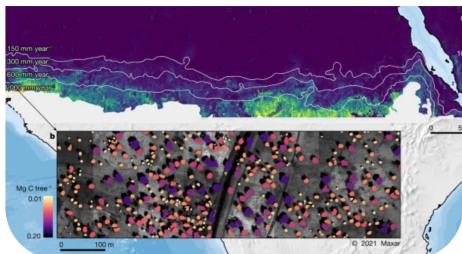


National-scale estimation of gross forest aboveground carbon loss: a case study of the Democratic Republic of the Congo

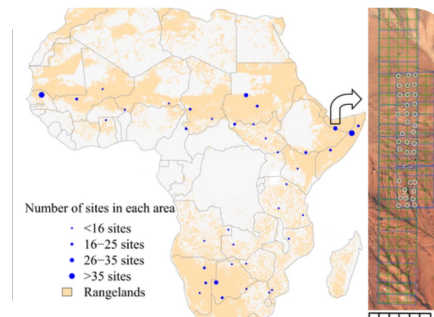


Precipitation and Glacier Change in High Asia Over the Modern Era

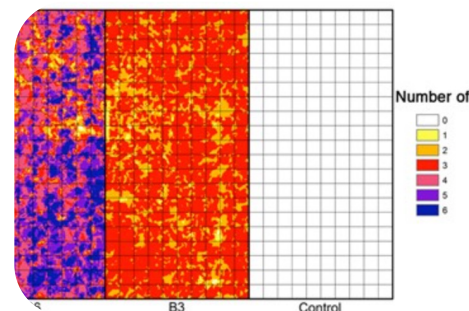
ood, foliage and root carbon of 9,947,310,221 trees with crown area >> 9.7 million km² were mapped.



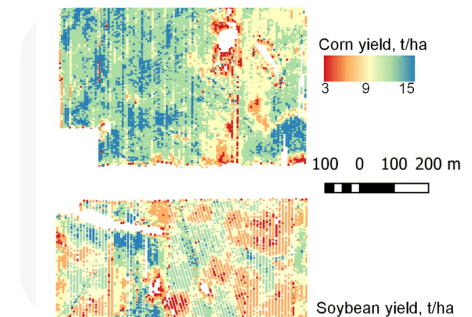
Sub-continental-scale carbon stocks of individual trees in African drylands



Rates of woody encroachment in African savannas reflect water constraints and fire disturbance



The Susceptibility of Southeastern Amazon Forests to Fire



Assessing within-Field Corn and Soybean Yield Variability from WorldView-3, Planet, Sentinel-2, and Landsat 8 Satellite Imagery



Appendix