



Image: NASA



Laura Grego, Global Security Program

**Union of
Concerned Scientists**

Satellite investments

Satellite Quick Facts <i>(includes launches through 8/31/17)</i>			
Total number of operating satellites: 1,738			
United States: 803	Russia: 142	China: 204	Other: 589
LEO: 1,071	MEO: 97	Elliptical: 39	GEO: 531
Total number of US satellites: 803			
Civil: 18	Commercial: 476	Government: 150	Military: 159

data: Union of Concerned Scientists Satellite Database
ucsusa.org/satellites

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Image: Union of Concerned Scientists

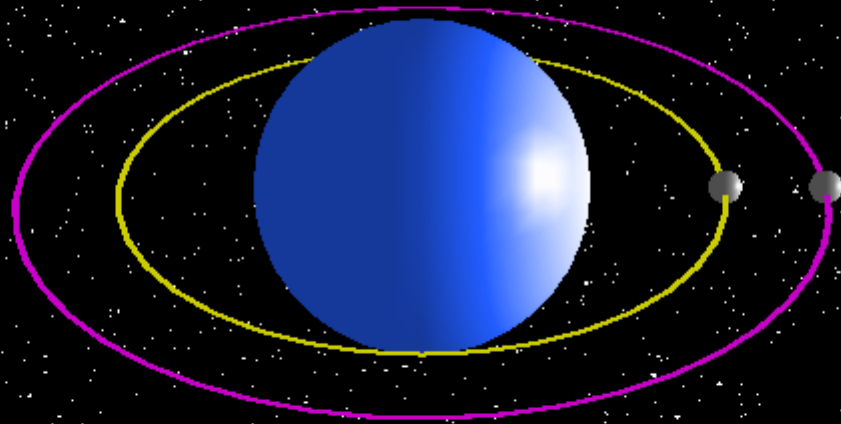
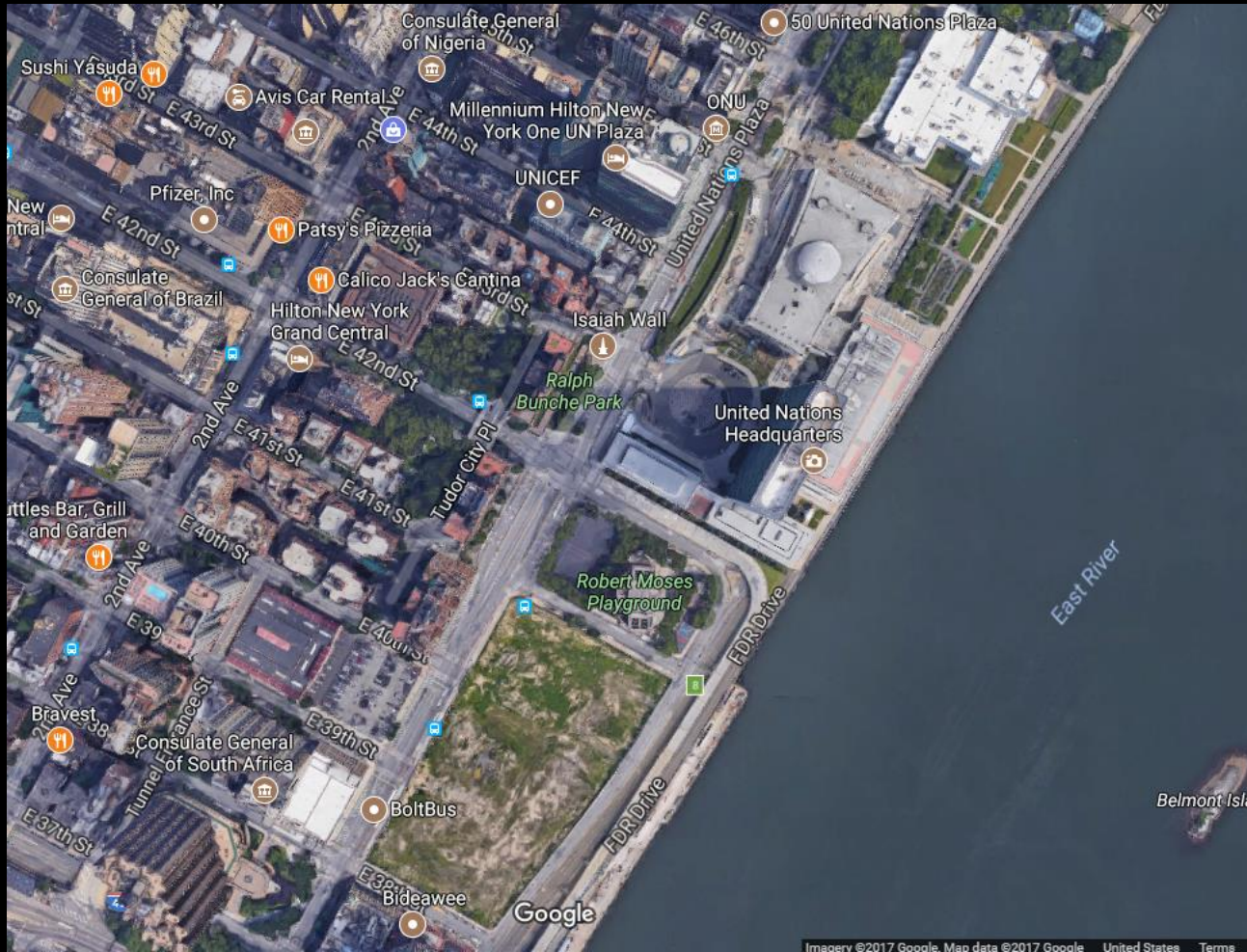


Image: NASA Glenn Research Center





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Imagery @2017 Google, Map data @2017 Google

{ The high ground can be occupied by many actors,
and it is.



Click to stop.

Image: NASA

An earth-observing satellite in polar orbit



© Алексей Матвеев

{ Activities in space are observable.

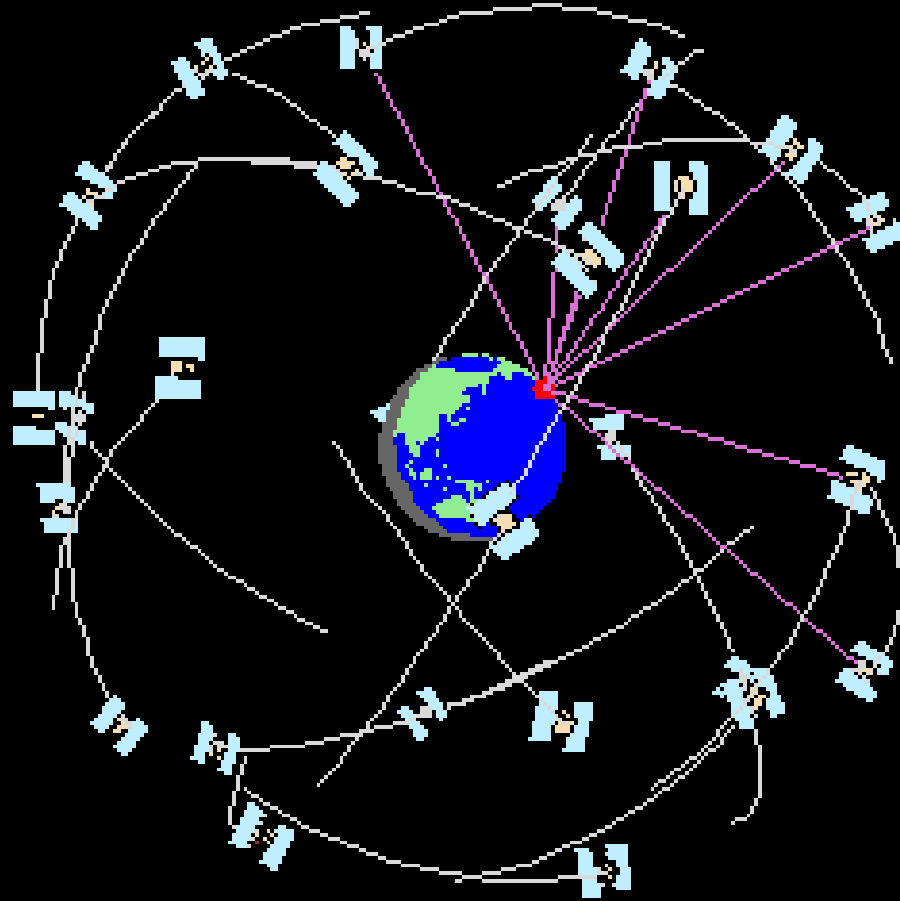
Image: pro75555.myqip.ru



Image: US Air Force



Getting to and from space requires enormous energy.



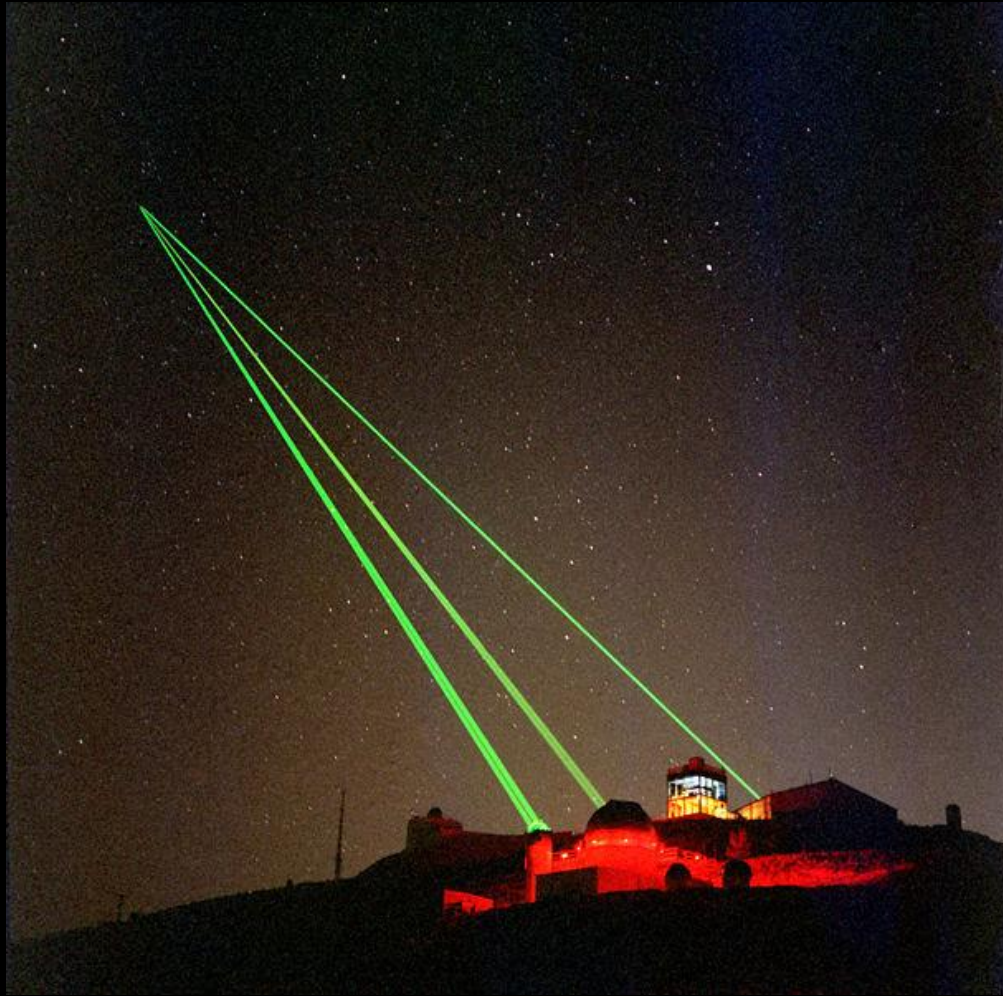
JPL

L. Romans

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Starfire Optical Range, Kirtland Air Force Base, New Mexico



Image : US Missile Defense Agency



NASA/Darpa Orbital Express Mission

Manual on International Law Applicable to Military Uses of Outer Space (MILAMOS)



Institute of Air & Space
Law
Faculty of Law



Research Unit on Military Law & Ethics



MILAMOS Plenary 2: New Delhi, June 2017



The image features a white rectangular box centered over a view of Earth from space. The Earth's horizon is visible at the top, with a thin greenish-yellow atmospheric glow. The surface below shows a mix of blue oceans, white clouds, and brownish-green landmasses. Numerous small, bright orange and yellow lights are scattered across the land, representing city lights at night. The background is a dark, star-filled space.

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