

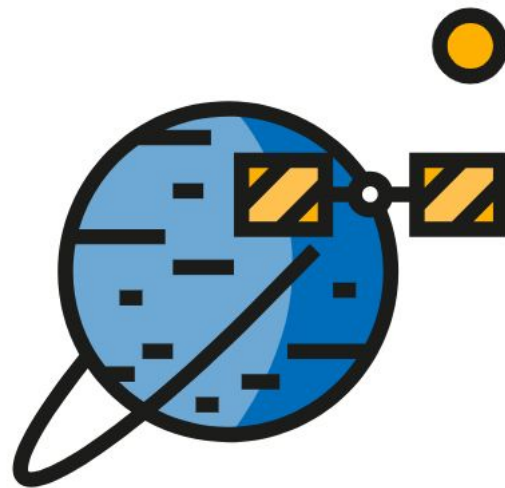
Data of Satellite

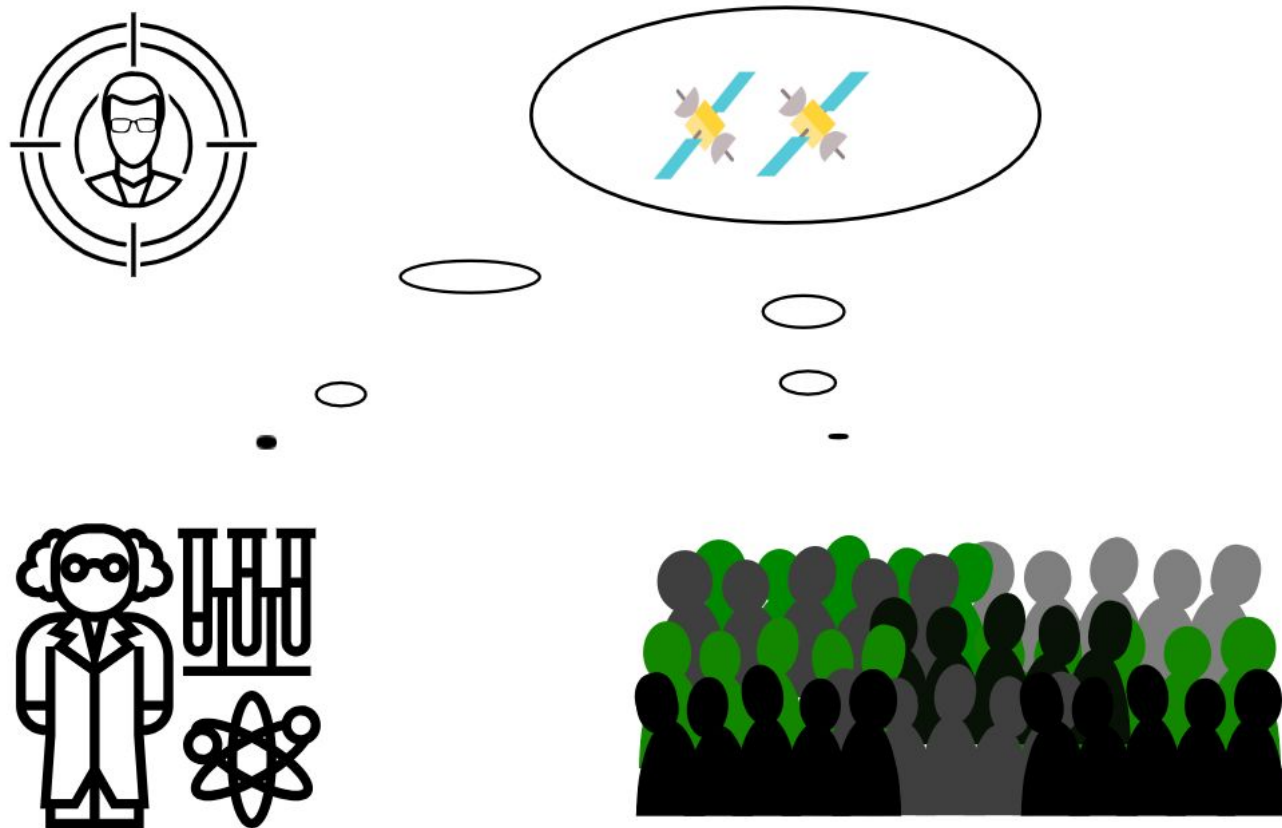
Kepler 

Chen Lou chenlou@usc.edu
Yukang Tian yukangt@usc.edu
Yuning Zhu zhuyunin@usc.edu



http://www-scf.usc.edu/~zhuyunin/draft_demo/

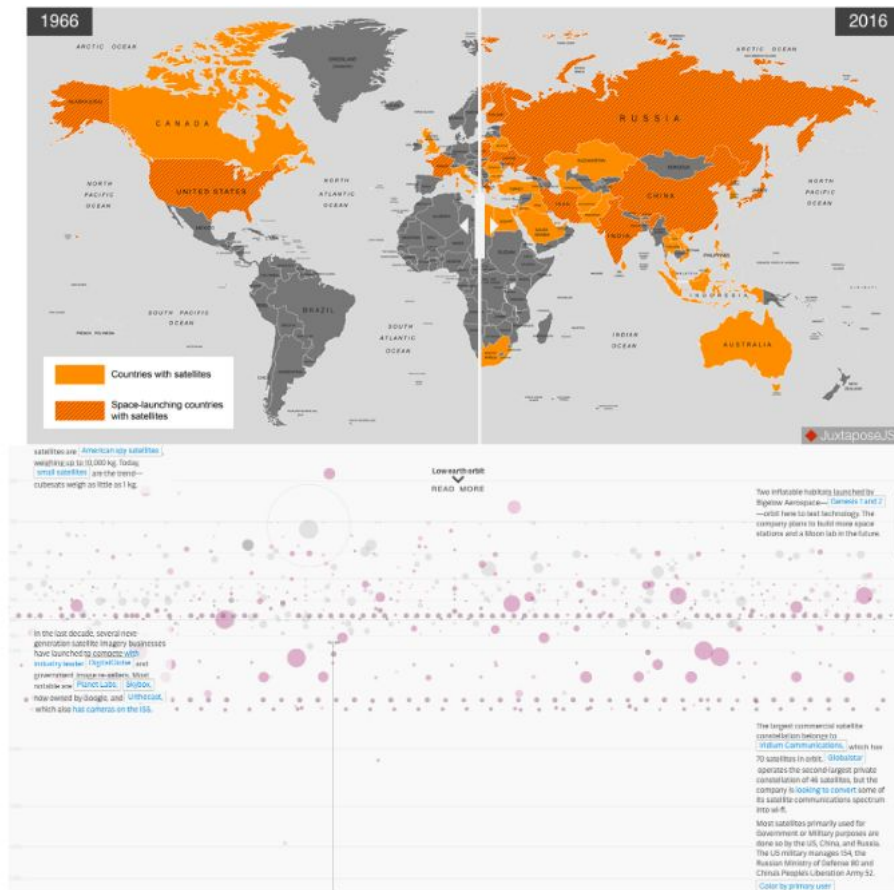




[Union of Concerned Scientists

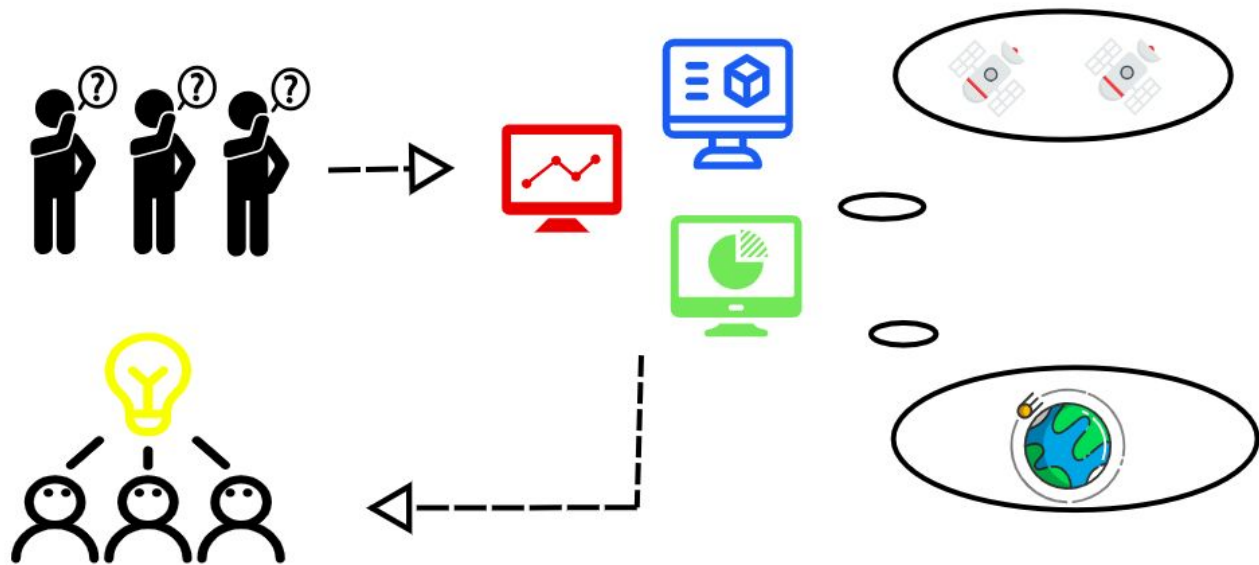
Science for a Healthy Planet and Safer World





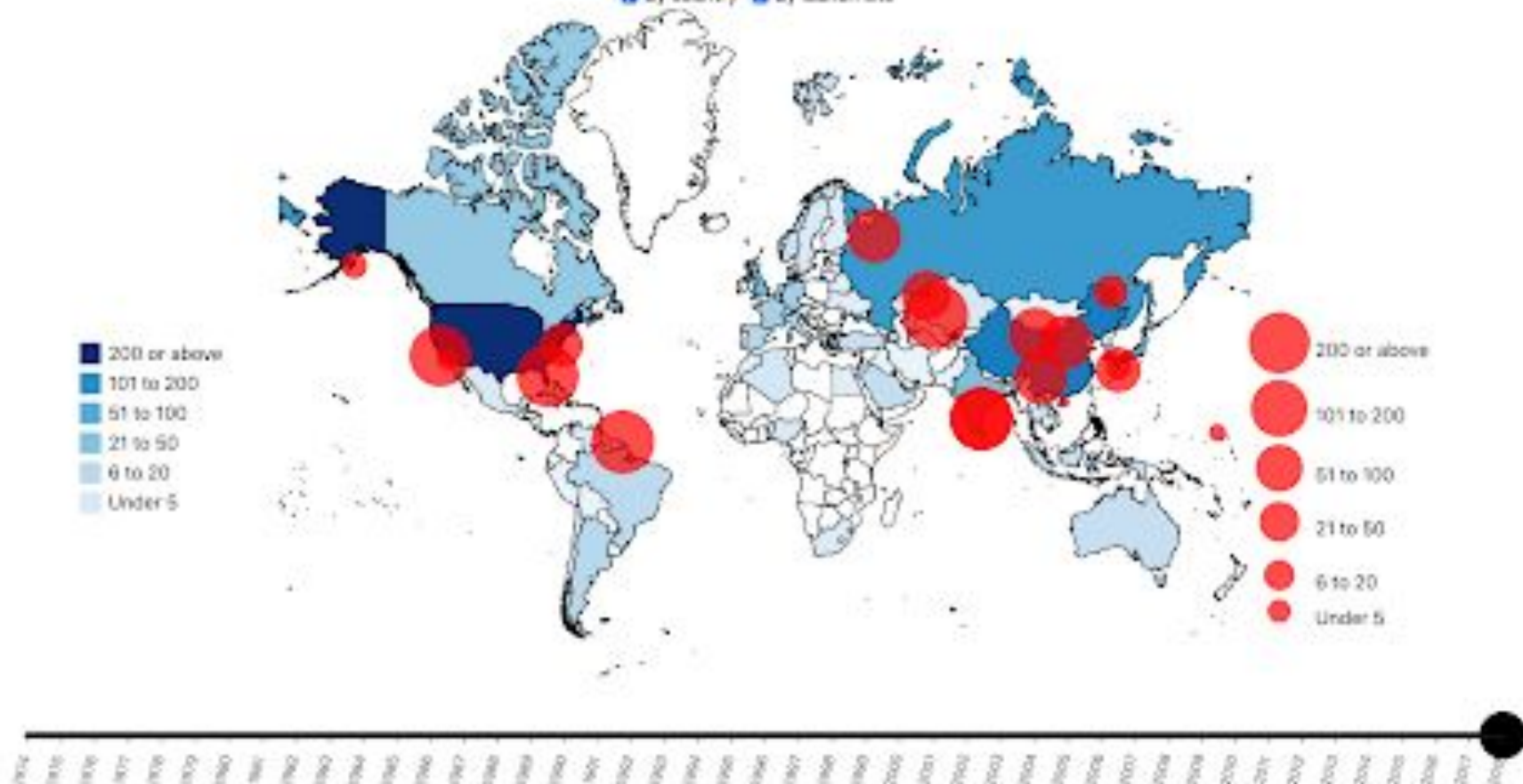


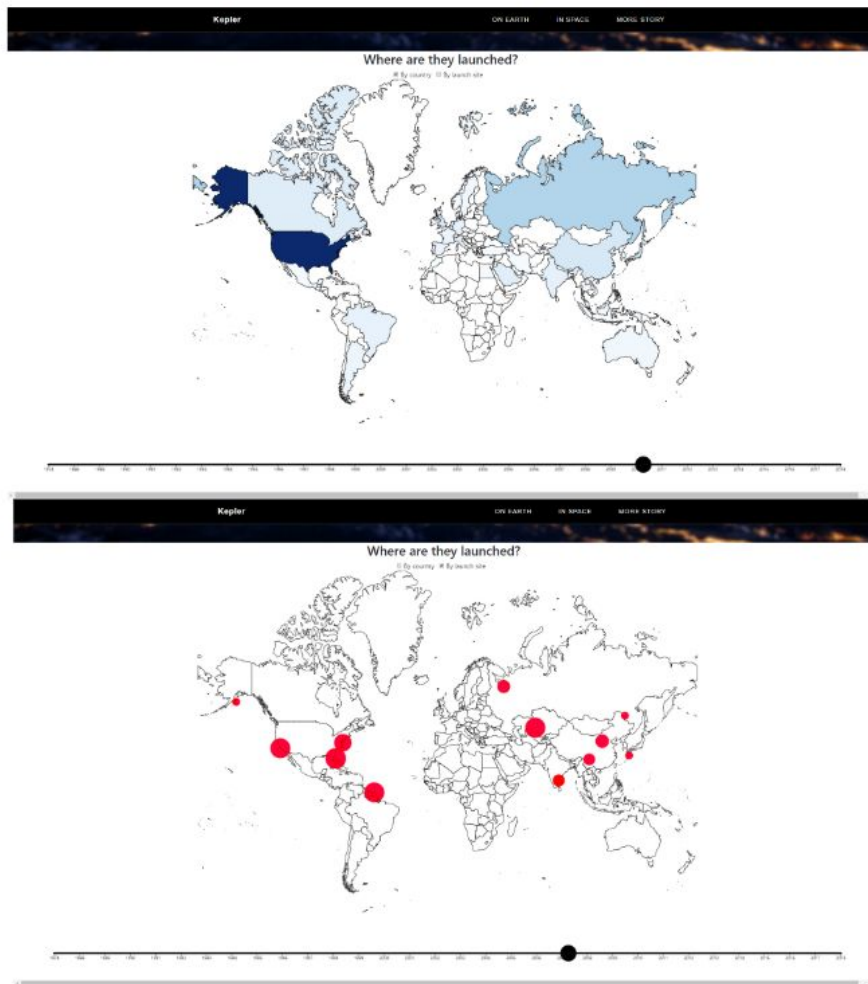
RESPONSIBILITY



Where did satellites launched?

By country By launch site

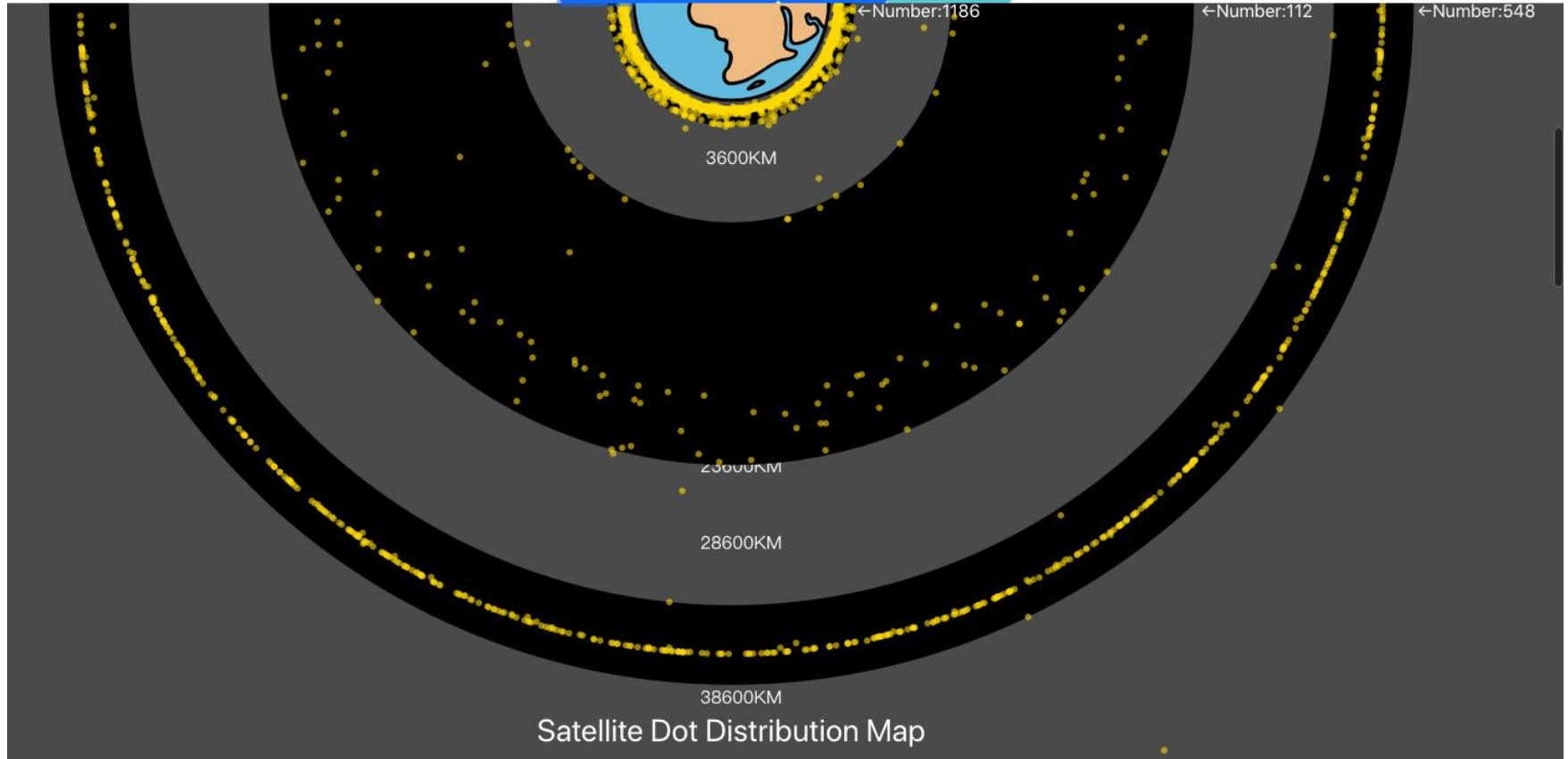






How are satellites distributed above the sky?

Reset Choose Orbit Color By Donut Chart



Reset

Low Earth Orbit ▾

Color by Owner ▾

Donut Chart

By Owner

By Purpose

By User

← Number: 1186

● United States

● China

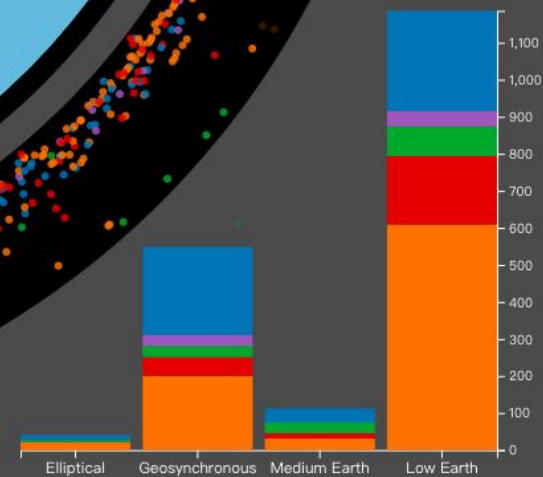
● Russia

● Japan

● Others

1600KM

Satellite Dot Distribution Map



Owner Distribution on Different Orbits

Reset

Choose Orbit ▾

Color by User ▾

Donut Chart



←Number:1186

←Number:112

←Number:548

●Commercial

●Government

●Military

●Civil

●Multiple

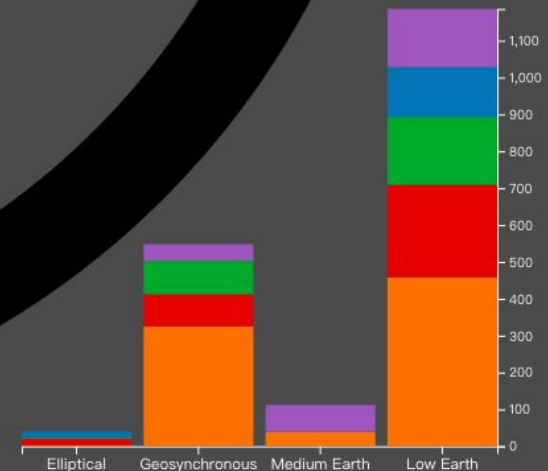
3600KM

23600KM

28600KM

38600KM

Satellite Dot Distribution Map



Owner Distribution on Different Orbits

How are satellites distributed above the sky?

Reset

Low Earth Orbit ▾

Color by Purpose ▾

Donut Chart

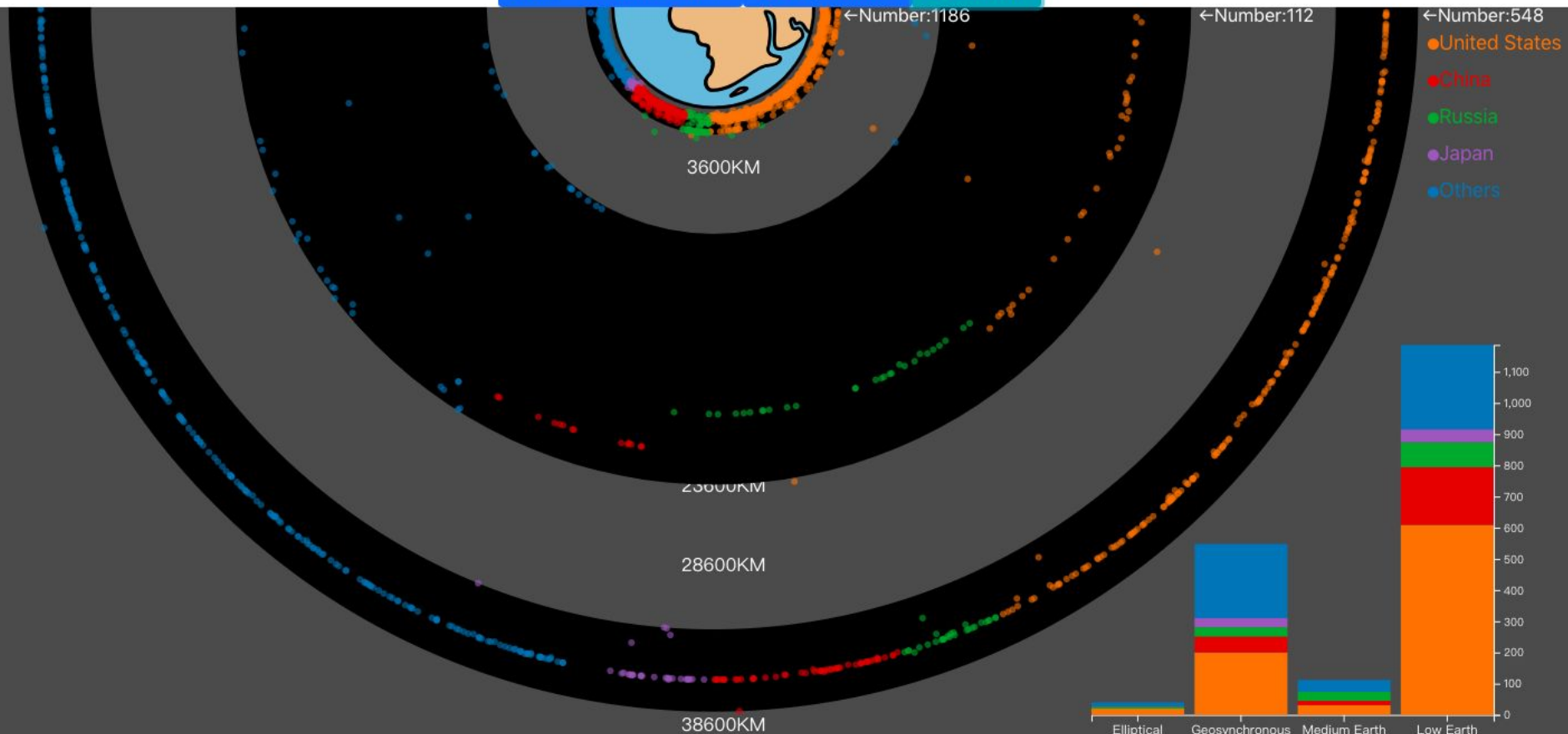


Reset

Low Earth Orbit ▾

Color by Owner ▾

Donut Chart



Satellite Dot Distribution Map

Owner Distribution on Different Orbits

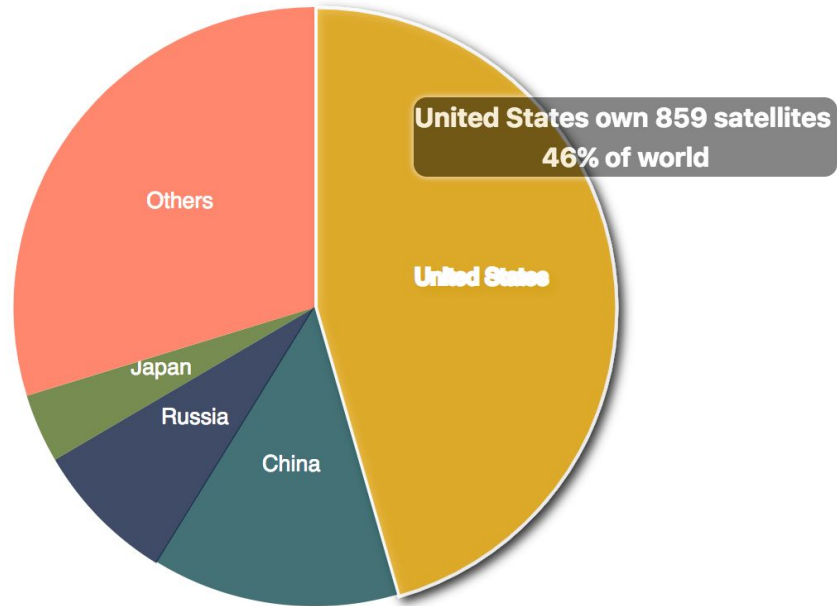
All Satellite

Low Orbit Satellite

Medium Orbit Satellite

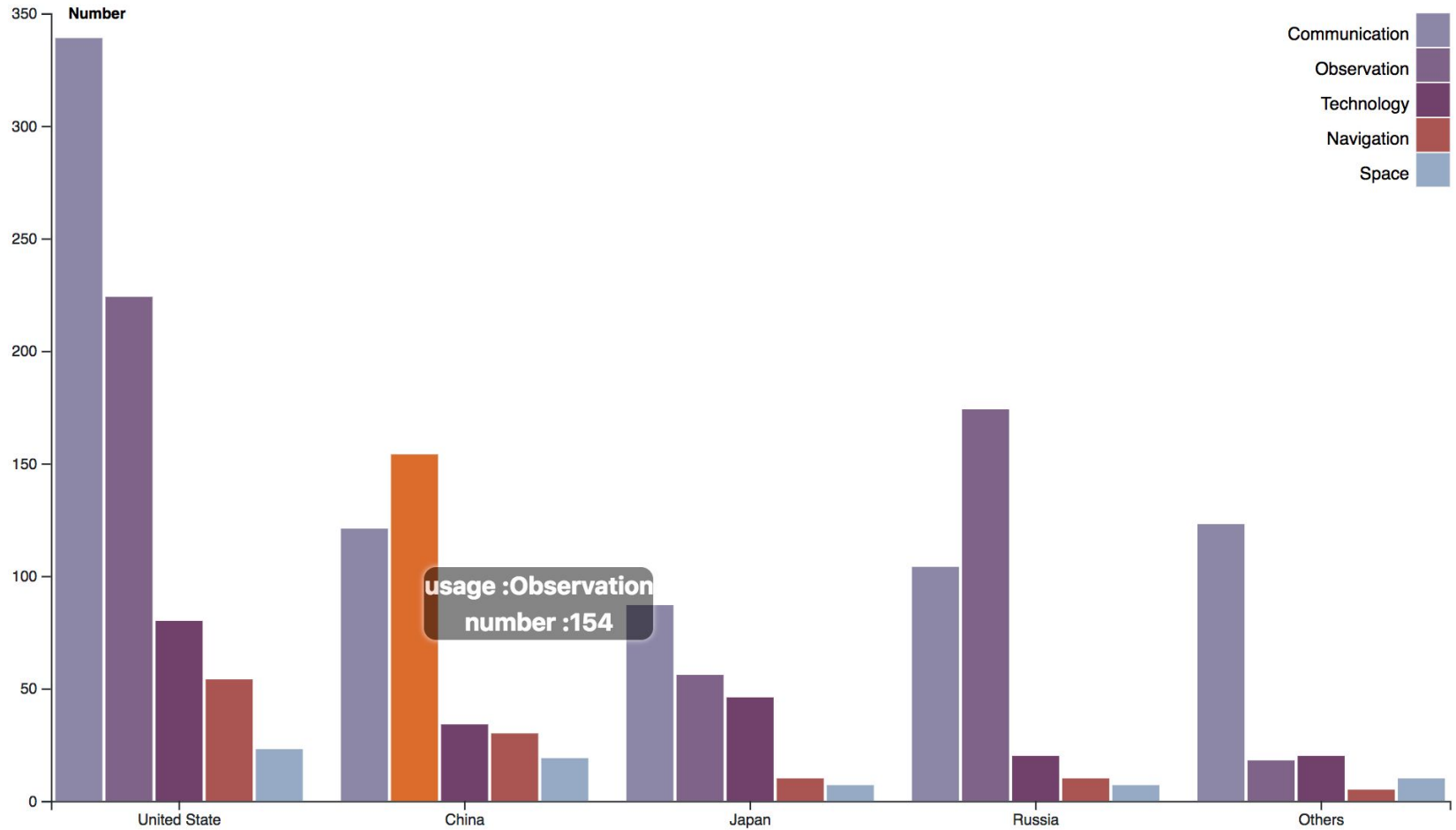
Geo Orbit Satellite

Satellite Number : 1886

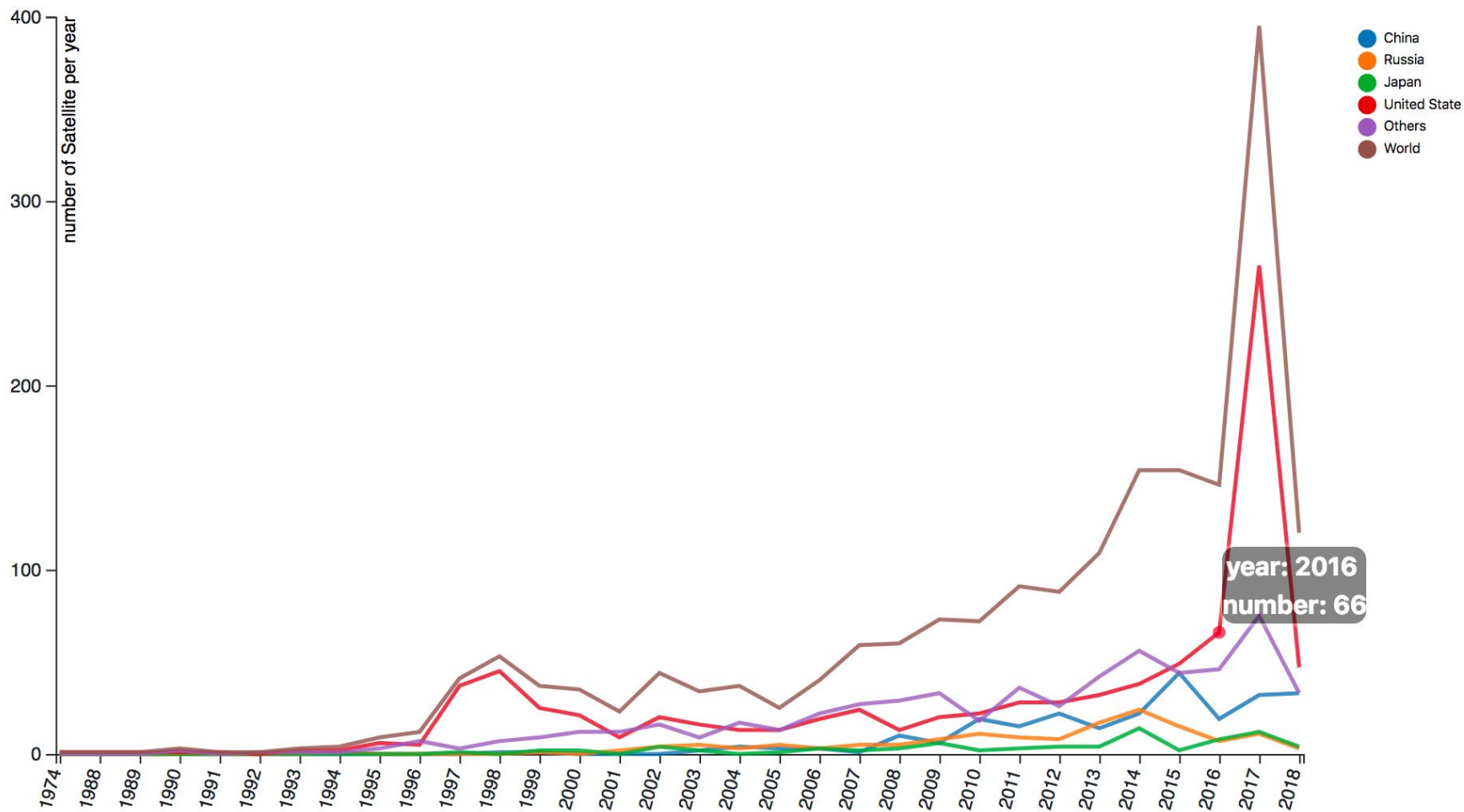


pie chart: satellites of each country

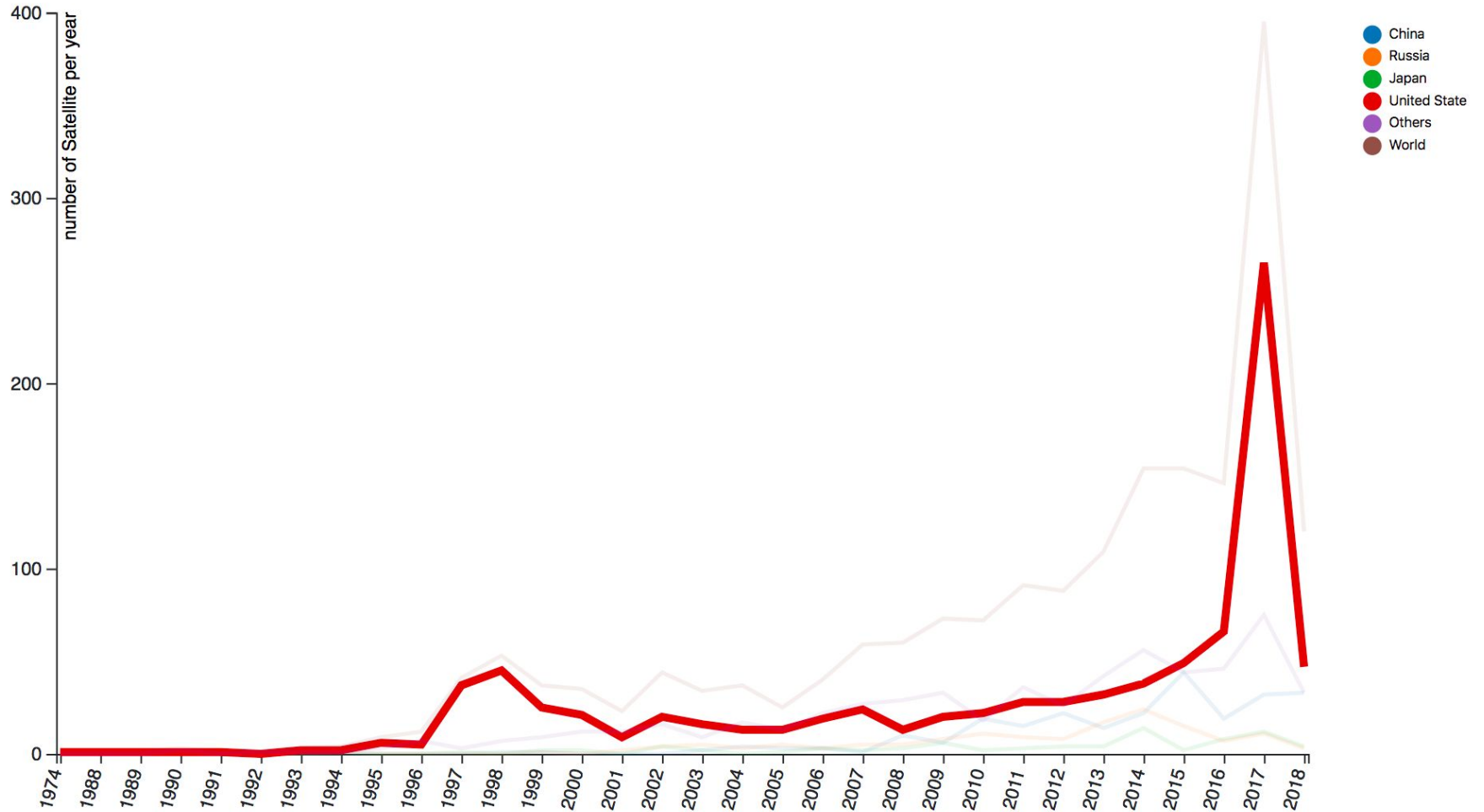
Usage of Satellite for each country



line chart for trend of launching satellite between 1966 and 2018



line chart for trend of launching satellite between 1966 and 2018



Kepler

Menu

Project Kepler

Have you ever wondered where satellites come from around the world?

Have you ever wondered what satellites are doing in the space?

Do you know the development of Space Science?

Let's explore!

The data is from UCS and may not be 100% accurate, especially those ages ago

Kepler

Menu

How are satellites distributed above the sky?

Reset

Medium Earth Orbit

Color by Purpose

Donut Chart

Number: 1189

Low Earth Orbit

Medium Earth Orbit

Geostationary Orbit

Deep Space

1000KM

3000KM

5000KM

10000KM

Satellite Dot Distribution Map

Low Earth Orbit

Medium Earth Orbit

Geostationary Orbit

Deep Space

Kepler

Menu

Usage of Satellite for each country

Number

Communication

Observance

Technology

Navigation

Space

United State

China

Japan

Russia

Others

Country	Communication	Observance	Technology	Navigation	Space
United State	340	225	80	55	25
China	120	155	35	30	20
Japan	85	55	45	10	5
Russia	105	175	20	10	5
Others	125	20	20	5	10