

# awesome-earthobservation-code

17/06/2020

Andrew Cutts  
@map\_andrew



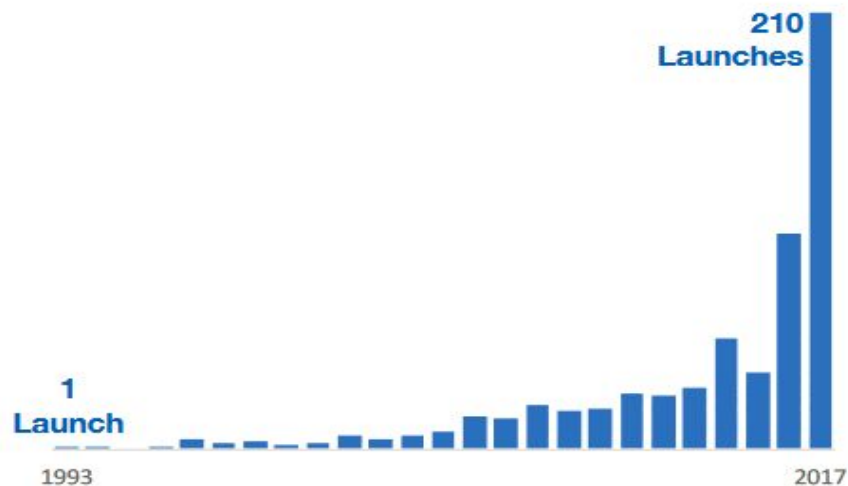
<http://scenefromabove.org/>

# Smaller Satellites are a Growing Trend

Between 2003-2017, 594 Earth observation satellites were launched, compared to 26 in the previous decade. While the number of satellites launched has increased significantly, the average size (launch mass) has decreased dramatically.

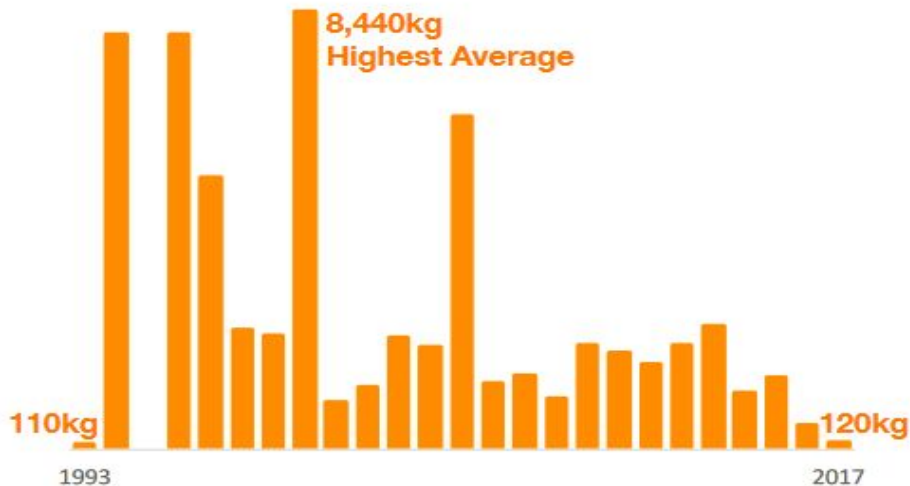
## Satellites Launched

(Number of launches per year)



## Lighter Weight and Smaller Satellites

(Average launch mass in kg)



<https://www.radiant.earth/infographic/the-view-from-above/>

Earth Observation is not just an academic 'thing' or a basemap anymore, it forms the basis for a growing and diverse business environment. Let's embrace this.

BUT

Why is the most basic information so difficult to find?

Such as...



**Ian Coady**  
@iancoady



I'm looking for a summary of commercial satellites and the specifications of the imagery they have available. Feel like I've seen one before but not sure where  
[@Steven\\_Ramage](#) [@sminchin](#) [@ElenaLoboSat](#)

9:42 am · 23 Apr 2020 · [Twitter for Android](#)

**Geospatial Advisor to [@DFID\\_Stats](#). Formerly [@ONS](#). Also [@MapAction](#) volunteer and Deputy Head of Geography for Gov.**



**GEO Ramage**

@Steven\_Ramage



I know the feeling! Is there a summary of different commercial satellites and different sensors and imagery available? 🙋 @geoworldmedia @geoawesomeness @Maxar @planetlabs @AirbusDefence



**Ian Coady** @iancoady · 23 Apr

I'm looking for a summary of commercial satellites and the specifications of the imagery they have available. Feel like I've seen one before but not sure where @Steven\_Ramage @sminchin @ElenaLoboSat

10:03 am · 23 Apr 2020 · [Twitter for iPhone](#)

**3** Retweets **6** Likes

**Head of External Relations at Group on Earth Observations (GEO)**

Plus many other challenges

**Information/Data** is available but where?



# My business challenges

Is there any EO related code?

What is the state of the art?

How can I make progress?

<https://github.com/sindresorhus/awesome>

Awesome lists about all kinds of interesting topics

[https://github.com/acgeospatial/awesome-earthobservati  
on-code](https://github.com/acgeospatial/awesome-earthobservati<br/>on-code)

**You don't have to be a developer to contribute to an  
open community, you could just share some cool  
links!**

Stats since 14/04/20 (63 days since start)

383 uniques resources

292 Github repos (~76% of all resources)

11 youtube tutorials

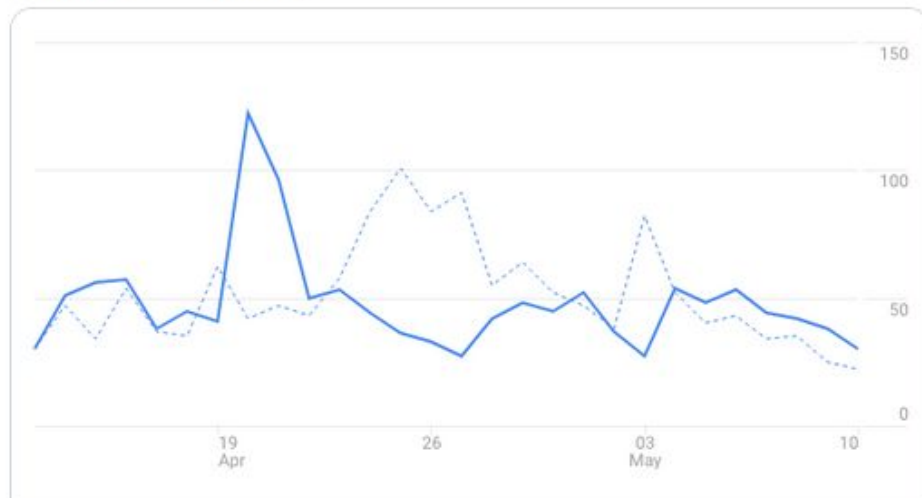
20 contributors



**Philipp Gärtner**

@gartn001

The inclusion of my blog in your resource list doubled Users and Sessions for a short time. 😊 ([philippgaertner.github.io](https://philippgaertner.github.io)) (Last 28 days: had 976 Users and 1.3k Sessions)



Last 28 days ▾

[AUDIENCE OVERVIEW](#) >



**Andrew Cutts** @map\_andrew · 10 May

Just checked and we now have 300 #EarthObservation resources, alot of #Python but plenty of other languages and videos. #Geospatial #scenefromabove  
[twitter.com/eoscenefrom/st...](https://twitter.com/eoscenefrom/st...)